

Downlight Spot / Track Light



**RECESSED DOWNLIGHT
RECESSED SQUARE DOWNLIGHT
RECESSED MULTI DOWNLIGHT
RECESSED IP DOWNLIGHT
SURFACE DOWNLIGHT
SURFACE SQUARE DOWNLIGHT
SURFACE MULTI DOWNLIGHT
SURFACE IP DOWNLIGHT
SPOT / TRACK LIGHT
LIGHTING TRACK
PENDANT**

PHILOSOPHY

1

UPHOLD FAIRNESS

2

DEDICATE TO QUALITY



3

HONEST AND PUNCTUAL

4

WORK TOGETHER AS A TEAM

VISION

To be the leading total lighting solution provider in ASEAN.

MISSION

01

DIVERSE PRODUCTS

Offer diverse and complete range of lighting products to meet every sector's requirement.

02

WELL-COVERED NETWORK

Establish well-covered marketing networks accessible to various group of customers.

03

FULLY INTEGRATED SERVICES

Provide fully integrated services for customers' advantage.

04

HIGH STANDARD MANUFACTURING

Establish high standard facilities with modern and efficient manufacturing process to respond to the market requirement.

05

MODERN INNOVATION

Establish Lighting Innovation Center to proactively innovate and develop new products to meet market requirement and establish a world class testing laboratory to facilitate new products development and innovation.

TIMELINE



more than light



1993

Started with 25 million Baht registered capital and acquired the business from Yong Enterprise Ltd. Part., a company marketing fluorescent luminaire to electrical contractors. Expanded the business to cover government agencies and has become agents for many world-class Lighting manufacturers.

1999

Strengthen the company competitiveness by acquiring T.S. Trunking Co. Ltd. (name has now been changed to L&E Manufacturing Co. Ltd.) which manufactures whole range of fluorescent lighting luminaires and trunking products. Started to expand to export market to benefit from the weak Baht at that time.



1994-1998

Expanded business by offering diverse range of lighting products. Provided lighting design and recommended proper use of lighting products to provide better value to customers. Expanded marketing network to cover project and wholesale activities.



2000-2003

Expanded business to cover modern trade market and included extensive range of decorative lighting products for residential. Established the Lighting Application Center for demonstration to customers how lighting products can be effectively applied for various applications. Developed and improved MIS and logistics system so that the company can provide faster and better services to customers.



2004

Increased registered capital to 137.50 million Baht, became a public company and listed in the Stock Exchange of Thailand



2005

Expanded manufacturing facilities to enable the company to manufacture whole range of indoor and outdoor lighting luminaires. Established representative office in Vietnam.

MAJOR MILESTONE

Lighting & Equipment Public Company Limited operates a fully integrated business in lighting products, from research and product development, has its own IEC/ISO 17025 accredited laboratory and ISO 9001 accredited manufacturing factories as well as distributes the products to all customer groups in domestic and abroad. In addition, the company provides various services for maximum benefit to customers, i.e. recommend proper products including provide lighting designs for each application, as well as offer rental products and rental lighting systems for various events. The company has diverse and complete range of lighting products that can meet the requirement of all customer groups. i.e. residential, office, commercial building, department store, showroom, retail store, museum, manufacturing factory, warehouse, historical structure, public park, stadium, street, airport, advertising box, etc.



2006

Granted 5 years corporate income tax holiday by Board of Investment for the factory expansion and manufacturing modernization of the company to improve productivity and reduce production cost.



2008

Granted Top Corporate Governance Awards, mai from Stock Exchange of Thailand.



2010

Granted IEC/ISO 17025 accreditation for lighting luminaries laboratory and ISO 9001:2008 accreditation for lighting luminaries manufacturing. Granted Top Corporate Governance Awards : mai from Stock Exchange of Thailand

2011

Established L&E Solid State Co. Ltd. to manufacture LED products which is the first Thai factory manufacturing LED lamps for lighting.



2007

Increased registered capital to 305.70 million Baht and established lighting luminaire laboratory for research and develop of lighting products as well as product quality test to ensure that products delivered to customers have good quality and meet standard.



2009

Established Lighting Solution Center, the showroom that completed with diverse range of lighting products for various life-styles, experienced lighting designers to provide recommendation and lighting design to customers including lighting showcases for customers to experience light effect, to expand marketing channel to retail customers.



2012-2013

Constantly develop LED products and launch them into the market and expand business into AEC market.

Create slogan " L&E more than...light " for communication to the market.



more than light

2015

Opened new manufacturing factories and warehouses at Ladloomkaew district, Pathumthani province, total space 80,000 SQM. comprised of : Warehouse and distribution center, total space 16,000 SQM. Assembly factory total space 5,800 SQM. LED lamps, LED components and certain LED luminaires manufacturing. factories under the subsidiary : L&E Solid State Co.,Ltd., total space 8,500 SQM. lighting luminaires and lighting poles manufacturing. factories under the subsidiary : L&E Manufacturing Co.,Ltd., total space 7,600 SQM. Established L&E Myanmar Co.,Ltd. a subsidiary in Yangon, The Republic of the Union of Myanmar.



2014

Penetrated into the consumer market by advertising it's LED lamps for the first time in the television media and other media. Increased registered capital to 494.2 million Baht. Reduced the company's PAR value from 5 Baht to 1 Baht. shift the transaction of the company's share from mai market to SET market. Opened an additional showroom, Lighting Solution Center on Ratchaprerk road.



2016 - 2017

- Established a wholly-own subsidiary, the Lighting & Equipment (Vietnam) Co., Ltd. In Dong Nai, Vietnam with the intention to import lighting product from Head Office for resale in Vietnamese market, and to manufacture lighting products for sale in Vietnamese market as well as for sale to Head Office in Thailand.
- All the 3 manufacturing factories under the company L&E Manufacturing Co., Ltd. (LEM) at Latlumkaeo Pathumthani and L&E Solid State Co., Ltd. (LES) has been assessed and conformed to the environmental system ISO 14001:2015 (TIS 14001-2559)



2018

The Grand Opening ceremony of Lighting & Equipment (Vietnam) Co.,Ltd., 12 December 2018 at Amata Industrial Estate, Dong Nai City, Vietnam.

2019

L&E was certified as Thai Innovation and Invention account by Budget Bureau about 2 products Horticultural LED Lighting and LED T8
- L&E Manufacturing Co.,Ltd. (LEM.) has been assessed and found to be conforming to the requirements of TIS 45001-2561 (ISO 45001-2018)



2020

- Aiming to the market for various innovative lighting products such as IOT products, lighting used in Agriculture and Medical industry, etc.
- Add a business model (Business Model) "Efficient Value Chain Management" to support mass production In order export to large customers abroad.



2021

New Business to the Lighting and Entertainment Technology Provider



TYPE OF LED LUMINAIRE

Product range of LED L&E luminaires are divided into 2 categories.
Each category use different LED light sources.

1. Empty luminaires

It is suitable to use with replacement LED lamps as of easy maintenance and installation,
but not suitable for some application because its shape can not be changed (standard shape).

The most popular LED light sources for Empty luminaires are as follows:

- **LED-BULB** is suitable for indoor luminaires and some kind of landscape luminaires
- **LED-MR16** is suitable for small indoor luminaires or some kind of landscape luminaires (need compatibility driver connect between luminaire and LED-MR16)
- **LED-PAR (16/20/30/38)** can be used for both of indoor and outdoor luminaires, but for outdoor applications please make sure that the lamps can be used

Warning

Please be noted that for the above mentioned lamps, most of them is recommended to use with indoor luminaires except some items identified that can be used for outdoor applications, but do not recommend to use with totally enclosed luminaires (except some luminaire has enough space for adequate heat dissipation)



2. Completed set luminaires

Driver : Separated or integrated depend on each luminaire.

The LED light source for completed set luminaires are divided by 2 categories.

- **LED-Module**, it has various shape such as square, circular, rectangular, etc. Moreover, size and shape can be made according to luminaire's supplier.

Therefore, luminaire 's supplier will design their own designed luminaire in various shape to suit all kind of lighting applications.

- **LED-COB**, it is small size light source, but very powerful so that can be used with small luminaire, but provide high lumen output.

For some indoor lighting applications, LED-COB can provide various of light distribution such as very narrow beam, narrowbeam, wide beam, etc.



Both of LED-Module and LED-COB can be combined with reflector or lens in order to get different light distribution such as wall washer lighting effect, asymmetrical light distribution, streetlight light distribution, etc.

CRITERIA OF LUMINAIRES

Degree of protection

IP20 Completely protected against penetration of dust protected against water jets

The first number : Degree of protected against penetration of solid

- 0 No protection
- 1 Protected against penetration solid bodies of diameter greater than 50 mm.
- 2 Protected against penetration solid bodies of diameter greater than 12 mm.
- 3 Protected against penetration solid bodies of diameter greater than 2.5 mm.
- 4 Protected against penetration solid bodies of diameter greater than 1.0 mm.
- 5 Protected against penetration of dust
- 6 Completely protected against penetration of dust

The second number : Degree of protected against penetration of liquid

- 0 No protection
- 1 Protected against drops of water falling vertically
- 2 Protected against drops of water from angle up to 15 °
- 3 Protected against shower up to 60 °
- 4 Protected against splash water
- 5 Protected against water jets
- 6 Protected against heavy downpours
- 7 Protected against the effects of immersion
- 8 Protected against the effects of submersion

Insulation class

- Class I luminaire
Luminaires provided with functional insulation, earth wire connection is required.
- Class II luminaire
Luminaires provided with double or reinforced insulation, no earth wire connection is required.
- Class III luminaire
Luminaires suitable to connect with low voltage supply source.

LED Lifetime

The lifetime of LED is typically measured by the time in which it takes for it's light output to reach 70% of it's original output (L70)

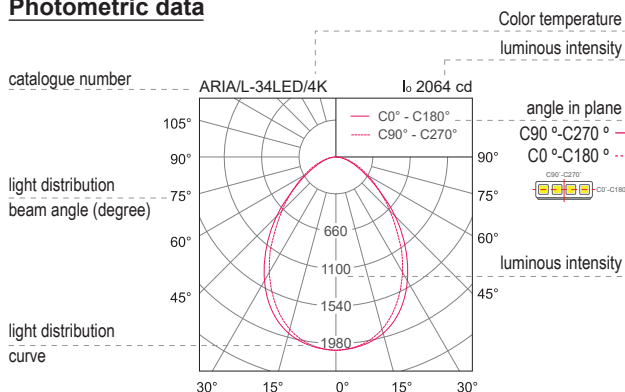
Luminaire Lifetime

LED luminaire lifetime is not the same meaning of LED lifetime(L70), there are many other components that are used including drivers, optic, mechanical fixings and housing. Each of these is also factor in determining the lifetime of luminaire.

LED lamp color



Photometric data



Remark

In Thailand the power system is 220V, 50Hz for other countries may difference. Anyway, due to electronic driver has a wide range of input voltage and frequency. Therefore, the common driver may use for different input voltage and frequency, such as 240V, 50Hz. Please feel free to contact our staff for further information in case you use our products out of Thailand.

IK-Classification

DIN/EN 62262 classifies the degrees of protection that luminaires provide against external mechanical impacts.

- IK01 Protection against 0.14 J (joules) impact energy (equivalent to specified impact from 0.2 kg polyamide hammer)
- IK02 Protection against 0.2 J (joules) impact energy (equivalent to specified impact from 0.2 kg polyamide hammer)
- IK03 Protection against 0.35 J (joules) impact energy (equivalent to specified impact from 0.2 kg polyamide hammer)
- IK04 Protection against 0.50 J (joules) impact energy (equivalent to specified impact from 0.2 kg polyamide hammer)
- IK05 Protection against 0.70 J (joules) impact energy (equivalent to specified impact from 0.2 kg polyamide hammer)
- IK06 Protection against 1 J (joules) impact energy (equivalent to specified impact from 0.5 kg polyamide hammer)
- IK07 Protection against 2 J (joules) impact energy (equivalent to impact of 0.5 kg steel weight dropped from 400 mm height)
- IK08 Protection against 5 J (joules) impact energy (equivalent to impact of 1.7 kg steel weight dropped from 300 mm height)
- IK09 Protection against 10 J (joules) impact energy (equivalent to impact of 5.0 kg steel weight dropped from 200 mm height)
- K010 Protection against 20 J (joules) impact energy (equivalent to impact of 5.0 kg steel weight dropped from 400 mm height)

Particular symbol

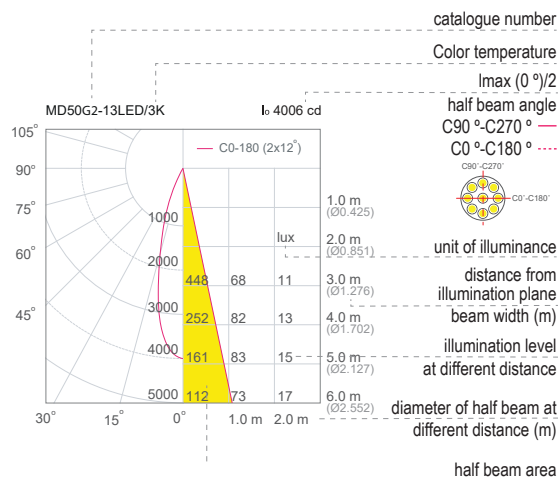
- Ø123 Ceiling or wall, cutout for round recessed luminaire
- 290 x 630 Ceiling or wall, cutout for square recessed luminaire
- 30° Vertical adjustment from 0° to 30°
- 358° Horizontal adjustment from 0° to 358°
- 30° Two axis adjustment from 0° to 30°

Standards

- TIS Thai industrial standard (according to IEC standard)

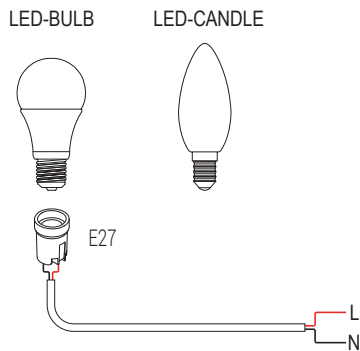


16.7 million color by RGB color additive

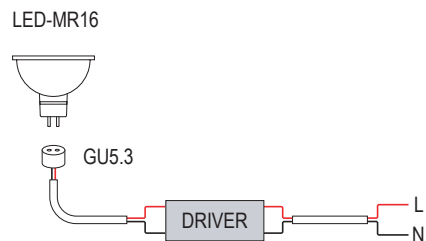


WIRING Diagram

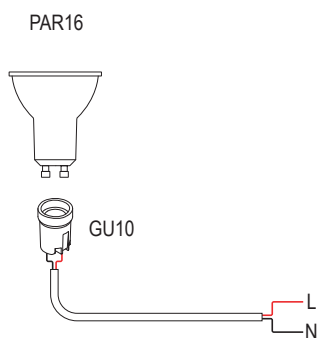
LED-BULB



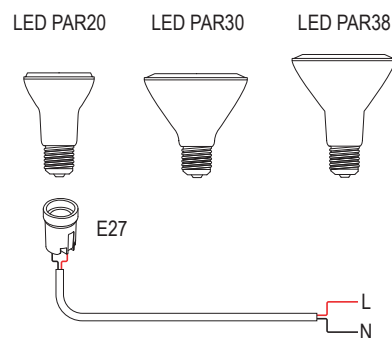
LED-MR16



LED PAR16



LED PAR20/30/38

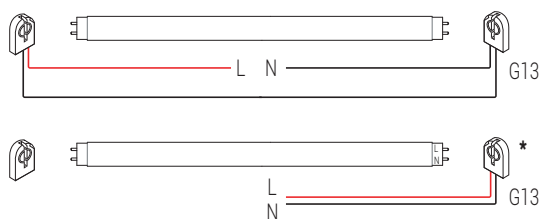


LED-T8

LED-T8 Double ended



LED-T8 Single ended

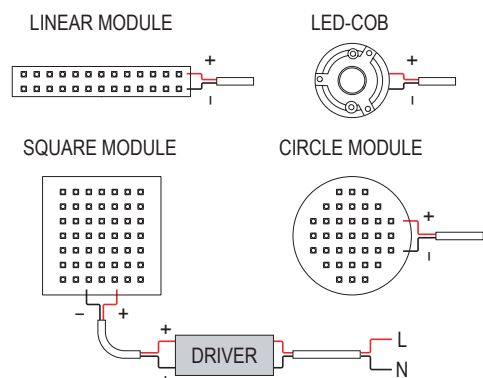


* Please make sure to put the lamp on the right side (L, N)

Remark

In Thailand the power system is 220V, 50Hz for other countries may difference.

LED-MODULE/LED-COB



GUIDE TO CATALOGUE

1. Product category

2. Product's Model

3. Brand name

4. Product information

LED Recessed Downlight

TIS RAL83

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing Die-cast aluminium
Finishing Powder coated in white / black
Mounting Recessed
Power 1 lamp : 14/20W
2 lamps : 28/40W

Light Source

LED-COB

Colour Temperature 3000/4000/5000K

CRI >90/ >90/ >80

Lamp Output 14W : 1333/1397/1530 lm
20W : 2232/2430/2538 lm

Luminaire Output 14W : 1046/1096/1200 lm*

20W : 1790/1935/2005 lm*

14W : 15/24/36/60 Degree

20W : 18/24/36/60 Degree

Beam Angle

Control Gear Separate driver

Power Supply 220VAC 50Hz

Power Factor >0.9

Insulation Class II

IP Rating 20

Luminaire Lifetime 25,000 hrs.

Equivalent MR16 50W

Remarks *Value at 24 Degree

Ordering Data

Model **Watt**

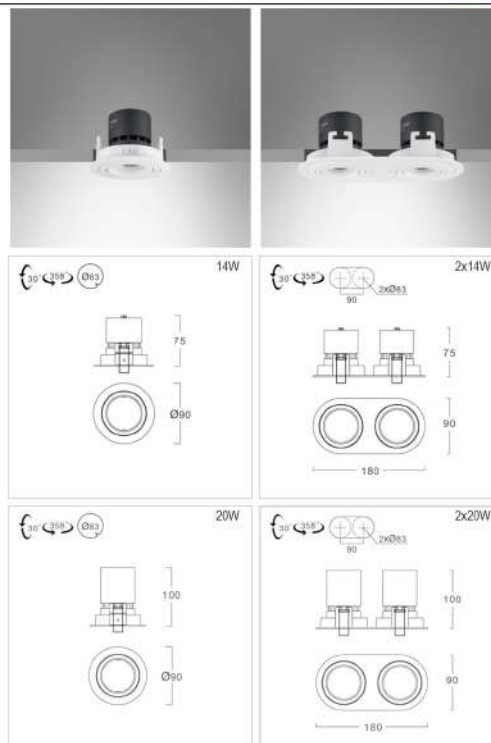
RAL83/WH-14LED 14W

RAL83/WH-20LED 20W

RAL83/WH-2x14LED 28W

RAL83/WH-2x20LED 40W

L&E



5. Dimension in mm.

6. Typical Product description

7. Total input power, but for other products use Replacement Lamp show range of power.

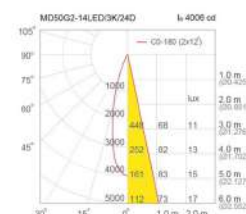
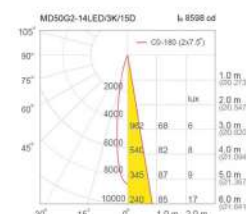
Related Products



Lighting and Equipment Public Company Limited

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www.lighting.co.th



8. Photometric data (IES file is available)

9. Related products Accessories for this product and other similar products, but different size and power.

GUIDE TO ORDER

Page no.	Typical product description				Additional product description		
	Model	Model's detail	Power	Lamp type	Color Temperature	Light Distribution	Other
3	RAM83D	/BK/WH	-XX	LED-MR16	/XXK	/XXD	-XXX
112	SDL169	/WH	-XX	LED	/XXK	-	Specified by
163	TRL801	/WH	-XX	LED	/XXK	/XXD	Company

The above samples identify " Typical product description " only

Full of product description comprised of "Typical product description "+ Additional product description

Recessed Downlight

If customer would like to order model **RAM83D with black reflector, white trim and LED-MR16, 6W, beam angle 36 degree**

The full name is " **RAM83D/BK/WH-6LED-MR16/3K/36D** "



RAM83D



ERDL200



RSAL86J



RSAL76J

Surface Downlight

The luminaires have various of power and light colour (CCT) in case customer would like to order

model **SDL169 with 30W, 3000K**

The full name is " **SDL169/WH-30LED/3K-XXXX** "



SSAM97



SDL169



SSDL111



RSAL115E

Track Light

The luminaires have various of power and light distribution in case customer would like to order

model **TRL801 with 30W, 3000K and beam angle 15 degree**

The full name is " **TRL801/WH-30LED/3K/15D-XXXX** "



SAM125



TRL80J



TRL801



TRL120

CONTENT

Light Sources

LED Module/Lamps

LED Module	1
LED lamps	2-11

Indoor Lighting

Downlights

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Recessed Square Downlight Luminaires	51-64
Recessed Multi Downlight Luminaires	65-90
Recessed IP Downlight Luminaires	91-99
Surface Downlight Luminaires	100-115
Surface Square/Multi Downlight Luminaires	116-124
Surface IP Downlight Luminaires	125-133

Spot/Track light

Spot/Track light Luminaires	134-173
Lighting track	174-179

Pendant/Wall/Table/Floor lamps

Pendant Luminaires	180-186
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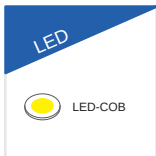


LED Light Sources (LED Module/Lamps)

LED Module



LED-LINEAR MODULE



LED-COB

LED Lamps



LED-CANDLE



LED-BULB/LPF



LED-MR16



LED-PAR16



LED-PAR20



LED-PAR30



LED-T8/INVESTMENT/CT



LED-T8/STD/CT



LED-T8/PREMIUM/CT



Light Sources

LED Module/Lamps

LED Module



 LED-LINEAR MODULE

Application

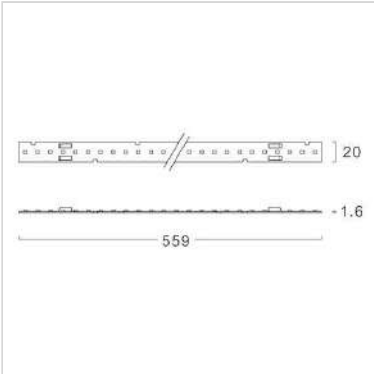
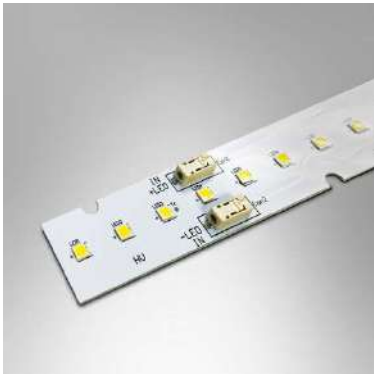
The LED Linear Module is designed to replace T8 fluorescent lamp which meet lux level requirement, but less power consumption and more longer lifetime.

Specification

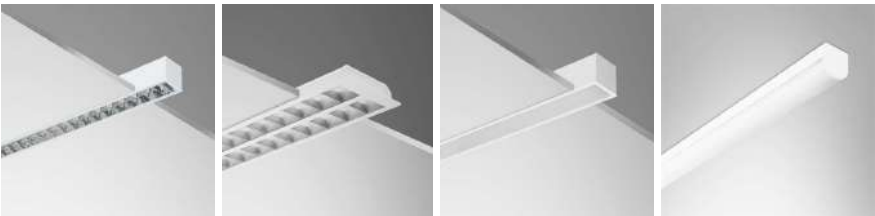
Structure	PCB LED TYPE
Power	16.5W
Light Source	LED-SMD
Colour Temperature	3000/4000K/6500K
Lamp Output	2200lm
Control Gear	Separated driver is required
LED Lifetime	50,000 hrs.
Remarks	Compatible with L&E driver or other brands ,240mA : (16.5W)

Ordering Data

Model	Watt
L&E# LSM 66LED/V1/830/2ft/2200lm/56-67V/240mA	16.5W
L&E# LSM 66LED/V1/840/2ft/2200lm/56-67V/240mA	16.5W
L&E# LSM 66LED/V1/865/2ft/2200lm/56-67V/240mA	16.5W



Related Products



LED Module



LED-COB

Application

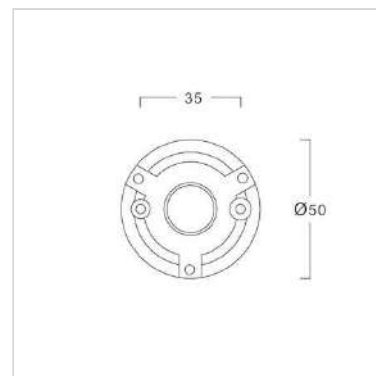
This is a very powerful LED light source which is replaced compact metal halide lamp

Specification

Housing	Robust plastic material
Description	Operating case temp. -40-80 degree CRI > 90
Mounting	Fix thermal pad or grease on back side and fix to heatsink
Power	2000LM(21W) 3000LM(32W) 3000LM(32W)
Light Source	LED-COB
Colour Temperature	940/930
Luminaire Output	105-141 Lumen/Watt
Control Gear	Separate driver
LED Lifetime	50,000 hrs.
Equivalent	Compact metal halide : 35/70W
Remarks	Compatible with L&E driver or other brands ,500/800mA : (21/ 32W) *

Ordering Data

Model	Watt
L&E#LED- MODULE-2000LM/930	21W
L&E#LED-MODULE-3000LM/930	32W
L&E#LED-MODULE-3000LM/940	32W



Related Products



Track Light



Surface downlight



Recessed downlight



Recessed downlight

LED Lamp



LED-CANDLE

Application

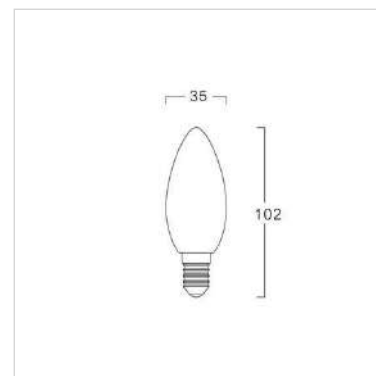
This lamp is designed to replace CANDLE halogen lamp for energy saving, long life time and low maintenance cost.

Specification

Description	Dimmable
	Do not use in enclosed fixture
	CRI > 80
Body Colour	White
Power	6W
Lamp Holder	E14
Colour Temperature	2700K
Lamp Output	470 lm
Control Gear	Built-in driver
Power Supply	220VAC, 50Hz
LED Lifetime	25,000 hrs.
Equivalent	Candle lamp

Ordering Data

Model	Watt
L&E#LED-CANDLE-470LM/827/6W/E14/Clear/Dim	6W



Related Products



Decorative



Decorative

LED Lamp



TIS LED-BULB/LPF

Application

This LED lamp is designed to replace conventional lamp which is safe cost and save energy depending on each lamp types. There is no UV,long lifetime,etc.

Specification

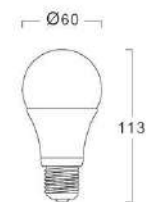
Housing Description	Aluminium inside cover with plastic Do not use with enclosed fixtures Operating temperature -20 / +40 degree
Body Colour	White
Power	5-15W , Pf 0.5 ,CRI >80
Light Source	LED-SMD
Lamp Holder	E27
Colour Temperature	3000K/4000K/6500K
Lamp Output	5W:470lm,510lm 7W:630lm,690lm 9W:810lm,850lm 10W:980lm 11W:1050lm 13W:1350lm 15W:1450lm
Control Gear	Built-in driver
Power Supply	220VAC,50Hz
LED Lifetime	25,000 hrs.

Ordering Data

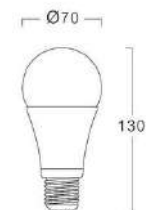
Model	Watt
L&E#LED-Bulb-470LM/830/5W/E27	5W
L&E#LED-Bulb-510LM/865/5W/E27	5W
L&E#LED-Bulb-630LM/830/7W/E27(G3)	7W
L&E#LED-Bulb-690LM/865/7W/E27(G3)	7W
L&E#LED-Bulb-810LM/830/9W/E27(G3)	9W
L&E#LED-Bulb-850LM/840/9W/E27(G3)	9W
L&E#LED-Bulb-850LM/865/9W/E27(G3)	9W
L&E#LED-Bulb-980LM/865/10W/E27 (G3)	10W
L&E#LED-Bulb-1050LM/830/11W/E27(G3)	11W
L&E#LED-Bulb-1050LM/840/11W/E27(G3)	11W
L&E#LED-Bulb-1050LM/865/11W/E27(G3)	11W
L&E#LED-Bulb-1350LM/830/13W/E27	13W
L&E#LED-Bulb-1350LM/865/13W/E27	13W
L&E#LED-Bulb-1450LM/830/15W/E27	15W
L&E#LED-Bulb-1450LM/865/15W/E27	15W



A60 (5/7/8/9/10/11W)



A70(13/15W)



Related Products



Recessed Downlight

Recessed Downlight

Surface downlight

Surface downlight

LED Lamp



LED-MR16

Application

This lamp is designed to replace MR16 halogen lamp for energy saving, long life time and low maintenance cost

Specification

Housing	Plastic with inside aluminium
Description	Non-dimmable Do not use in enclosed fixture
Body Colour	White
Power	6W
Light Source	LED-SMD
Colour Temperature	2700/3000/4000/6500K - CRI 80
Lamp Output	550 lm
Beam Angle	36/60degree
Control Gear	Separated transformer
Power Supply	12V AC/DC
LED Lifetime	15,000 hrs.
Equivalent	MR16 35/50W

Ordering Data

Model	Watt
L&E#LED-MR16-550LM/827/6W/GU5.3/36D	6W
L&E#LED-MR16-550LM/830/6W/GU5.3/36D	6W
L&E#LED-MR16-550LM/830/6W/GU5.3/60D	6W
L&E#LED-MR16-550LM/840/6W/GU5.3/36D	6W
L&E#LED-MR16-550LM/840/6W/GU5.3/60D	6W
L&E#LED-MR16-550LM/865/6W/GU5.3/36D	6W



Related Products



Track Light



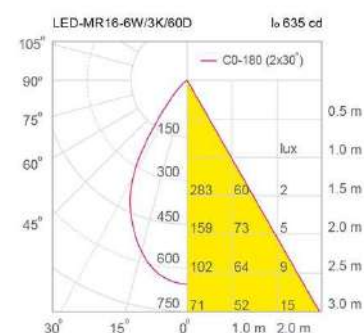
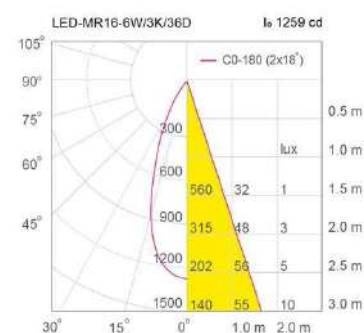
Surface Downlight



Recessed Downlight



Recessed Downlight



LED Lamp



LED-PAR16

Application

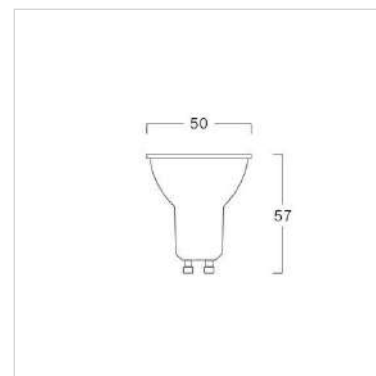
This lamp is designed to replace PAR16 halogen lamp for energy saving, long life time and low maintenance cost.

Specification

Housing	Plastic with inside aluminium
Description	Dimmable Do not use in enclosed fixture
Body Colour	White
Power	7W
Light Source	LED-SMD
Colour Temperature	3000K/4000K
Lamp Output	620 lm
Beam Angle	36 degree
Power Supply	220VAC, 50Hz
LED Lifetime	15,000 hrs.
Equivalent	PAR16 35/50W

Ordering Data

Model	Watt
L&E#LED-PAR16-620LM/830/7W/GU10/36D/Dim	7W
L&E#LED-PAR16-620LM/840/7W/GU10/36D/Dim	7W



Related Products



Recessed Downlight



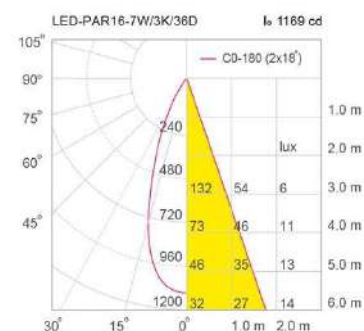
Recessed Downlight



Recessed Downlight



Surface Downlight



LED Lamp



LED-PAR20

Application

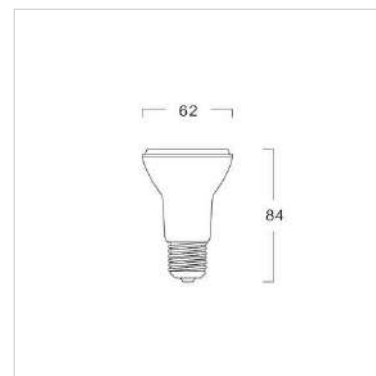
This lamp is designed to replace PAR20 halogen lamp for energy saving, long life time and low maintenance cost.

Specification

Housing	Plastic with inside aluminium
Description	Non-Dimmable
	Do not use in enclosed fixture
Body Colour	White
Power	6W
Light Source	LED-SMD
Colour Temperature	3000K
Lamp Output	540lm
Beam Angle	25 degree
Power Supply	220VAC, 50Hz
LED Lifetime	20000 hrs.
Equivalent	PAR20 50-75W

Ordering Data

Model	Watt
L&E#PAR20-540LM/830/6W/E27/25D	6W



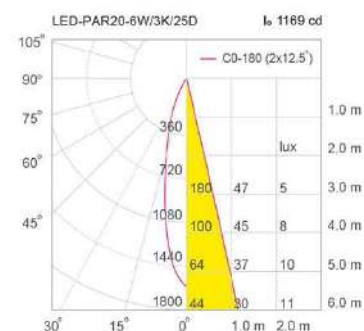
Related Products



Track Light

Track Light

Surface Downlight



LED Lamp



LED-PAR30

Application

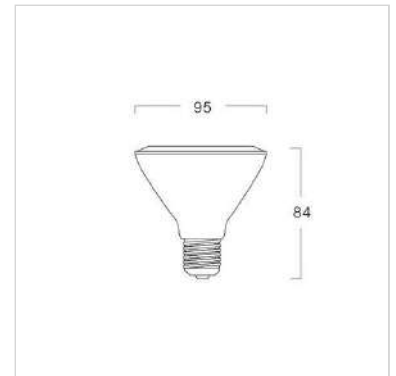
This lamp is designed to replace PAR30 halogen lamp for energy saving, long life time and low maintenance cost.

Specification

Housing	Plastic with inside aluminium
Description	Non-Dimmable
	Do not use in enclosed fixture
Body Colour	White
Power	10W
Light Source	LED-SMD
Colour Temperature	3000K
Lamp Output	950lm
Beam Angle	25 degree
Power Supply	220VAC, 50Hz
LED Lifetime	20,000 hrs.
Equivalent	PAR30 75-100W

Ordering Data

Model	Watt
L&E#PAR30-950LM/830/10W/E27/25D	10W



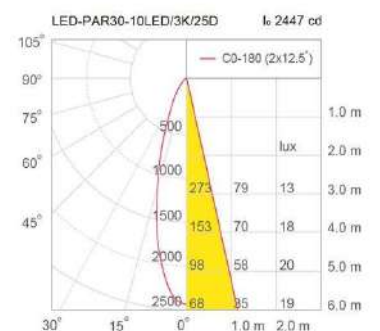
Related Products



Track Light

Track Light

Surface Downlight



LED Lamp



TIS LED-T8/INVESTMENT/CT

Application

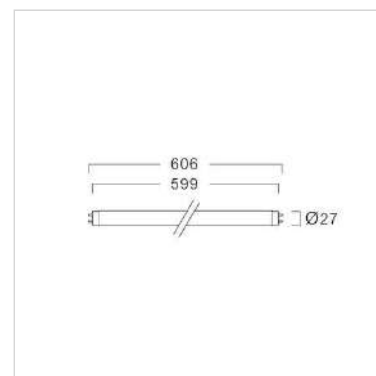
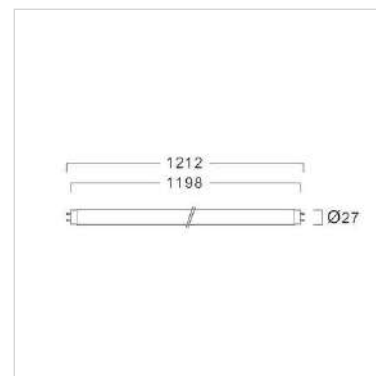
This LED lamp is designed to replace conventional lamp which is safe cost and save energy depending on each lamp types. There is no UV, long lifetime, etc.

Specification

Housing	Frosted Glass Tube
Description	Energy saving up to 70%
	No UV
	Non-dimmable
	840 : 4000K
	865 : 6500K
	TIS 1955-2551 and TIS 2779-2562
Power	7W, Pf >0.9, CRI>80 and THDi <20%
	14W, Pf >0.9, CRI>80 and THDi <20%
Light Source	LED-SMD
Lamp Holder	G13
Colour Temperature	4000/6500K
Lamp Output	1100lm/2100 lm
Beam Angle	> 200 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
LED Lifetime	25,000 hrs.
Equivalent	T8:18/36W

Ordering Data

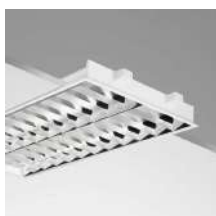
Model	Watt
L&E#Investment LED-T8-1100LM/840/7W/CT	7W
L&E#Investment LED-T8-1100LM/865/7W/CT	7W
L&E#Investment LED-T8-2100LM/840/14W/CT	14W
L&E#Investment LED-T8-2100LM/865/14W/CT	14W



Related Products



Recessed Luminaire



Recessed Luminaire



Surface Luminaire



Pendant Luminaire

WIRING Diagram



LED Lamp



TIS LED-T8/STD/CT

Application

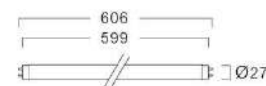
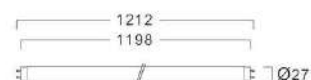
This LED lamp is designed to replace conventional lamp which is safe cost and save energy depending on each lamp types. There is no UV,long lifetime,etc.

Specification

Housing	High quality plastic
Description	Energy saving up to 65%
	No UV
	Non-dimmable
	830 : 3000K
	840 : 4000K
	865 : 6500K
	TIS 1955-2551 and TIS 2779-2562
Safety	9W, Pf >0.9, CRI>80 and THDi <15% *
	16W, Pf >0.9, CRI>80 and THDi <15% *
Power	9/16W
Light Source	LED-SMD
Colour Temperature	3000/4000/6500K
Lamp Output	1050/2000/2100lm
	(See,Detial in ordering data)
Beam Angle	> 160 degree
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
LED Lifetime	40,000 hrs.
Equivalent	T8:18/36W

Ordering Data

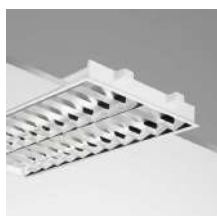
Model	Watt
L&E#STD LED-T8-1050LM/830/9W/CT	9W
L&E#STD LED-T8-1050LM/840/9W/CT	9W
L&E#STD LED-T8-1050LM/865/9W/CT	9W
L&E#STD LED-T8-2000LM/830/16W/CT	16W
L&E#STD LED-T8-2100LM/840/16W/CT	16W
L&E#STD LED-T8-2100LM/865/16W/CT	16W



Related Products



Recessed Luminaire



Recessed Luminaire *



Surface Luminaire



Pendant Luminaire

WIRING Diagram



LED Lamp



TIS LED-T8/PREMIUM/CT

Application

This LED lamp is designed to replace conventional lamp which is safe cost and save energy depending on each lamp types. There is no UV,long lifetime,etc.

Specification

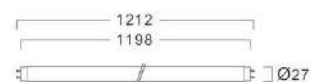
Housing	High quality plastic *
Description	Energy saving up to 70% No UV Non-dimmable 830 : 3000K 840 : 4000K 865 : 6500K TIS 1955-2551 and TIS 2779-2562
Power	8W, Pf >0.9, CRI>80 and THDi <10% 14W, Pf >0.9, CRI>80 and THDi <10%
Light Source	LED-SMD
Colour Temperature	3000/4000/6500K
Lamp Output	1050/2000/2100lm (See,Detial in ordering data)
Beam Angle	> 160 degree
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
LED Lifetime	50,000 hrs.
Equivalent	T8:18/36W

Ordering Data

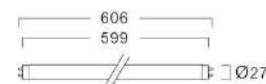
Model	Watt
L&E#Premium LED-T8-1050LM/840/8W/CT	8W
L&E#Premium LED-T8-1050LM/865/8W/CT	8W
L&E#Premium LED-T8-2000LM/830/14W/CT	14W
L&E#Premium LED-T8-2100LM/840/14W/CT	14W
L&E#Premium LED-T8-2100LM/865/14W/CT	14W



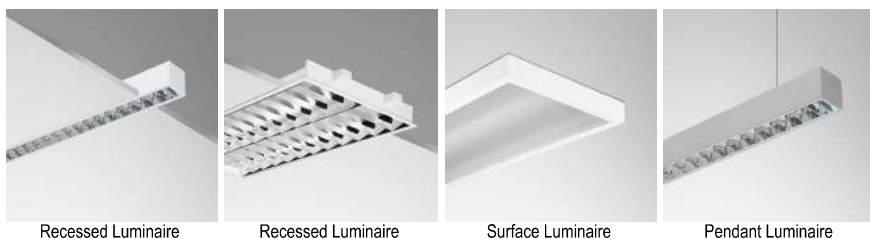
14W



8W



Related Products



Recessed Luminaire

Recessed Luminaire

Surface Luminaire

Pendant Luminaire

WIRING Diagram





Indoor Lighting

Downlights

Indoor Lighting (Downlights)

Recessed Downlight Luminaires



RFM83 (4-8W)



(8-16W)



(4-8W)



(8-16W)



RAM83D (4-8W)



RFM76J (4-8W)



RFM76J/T (4-8W)



RAM76J (4-8W)



RAM76J/T (4-8W)



RAQ160 (15-20W)



RAQ160D (15-20W)



RAP81D (4-7W)



RAP90D (4-7W)



RDC125T (5-12W)



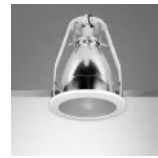
RDC135V (5-9W)



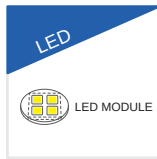
RDC155V (7-12W)



EDC135V (5W)



EDC155V (5-7W)



RFL22D (2W)



RFL32D (3W)



RFL76J (14/20W)



RFL76J/T (14/20W)



RAL76J (14/20W)



RAL76J/T (14/20W)



RFL83 (14/20W)



(28/40W)



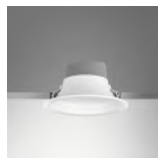
RAL83 (14/20W)



(28/40W)



RAL83D (14/20W)



ERDL100 (10/14W)



ERDL150 (14/20W)



ERDL200 (23/27W)



ERDL250 (30W)



RDL110P (10/14W)



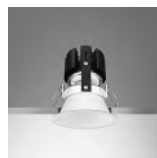
RDL151P (23/30W)



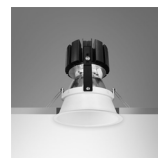
RFL100D/E (14-30)



RFL125D/E (23-40W)



RFL87D/E (14-30W)



RFL107D/E (23-40W)



RFL137D/E (23-40W)

Indoor Lighting (Downlights)

Recessed Downlight Luminaires



RAL45D (6W)



RAL56J (8W)



RAL86J (14/18W)



RAL102J (14-27W)



RAL135J (18-40W)



RAL176J (40-59W)



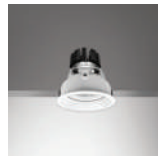
RAL102J/T (14-27W)



RAL176J/T (40-59W)



RAL107E (14-30W)



RAL107D/E (14-30W)



RAL127E (23-40W)



RAL127D/E (23-40W)



RAL115E (14-30W)



RAL150E (23-40W)



RWL91 (14/20W)



RWL120 (23/27W)

Recessed Square Downlight Luminaires



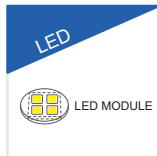
ERSDL100 (10/14W)



ERSDL150 (14/20W)



ERSDL200 (23/27W)



RSDL100 (10W)



RSDL130 (14W)



RSDL170 (20W)



RSDL210 (25W)



RSAL621 (6W)



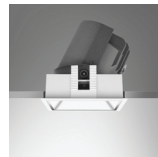
RSAL721 (8/10W)



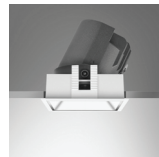
RSAL86J (14/18W)



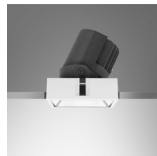
RSAL102J (14-27W)



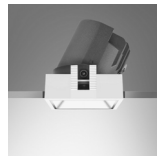
RSAL135J (18-40W)



RSAL176J (40-59W)

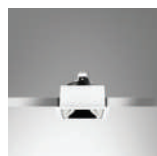


RSAL102J/T (14-27W)



RSAL176J/T (40-59W)

Recessed Multi Square Downlight Luminaires



RSAM76J (4-8W)



RSAM76J/T (4-8W)



RSAM90D (4-8W)



RSAM76J/T (4-8W)



RSAM90D (4-8W)



RSAM76J/T (4-8W)

Indoor Lighting (Downlights)

Recessed Multi Square Downlight Luminaires



RSFM83 (4-8W)



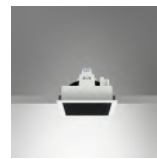
(8-16W)



RSAM83 (4-8W)



(8-16W)



RSAM83D (4-8W)



(8-16W)



RSAM99 (4-8W)



(8-16W)



RSAQ150 (15-20W)



(30-40W)



RSAQ150D (15-20W)



(30-40W)



RSAP81D (4-7W)



RSAP90D (4-7W)



(8-14W)



MRDC125T (5-12W)



MRDC135F (5-9W)



MRDC155F (7-12W)



MRDC135D (5-9W)



MRDC155D (7-12W)



RSAL76J (14/20W)



(28/40W)



RSAL76J/T (14/20W)



(28/40W)



RSFL83 (14/20W)



(28/40W)



RSAL83 (14/20W)



(28/40W)



RSAL83D (14/20W)



(28/40W)



RSAL99 (14/20W)



(28/40W)



RSAL107E (14-30W)



(28-60W)



RSAL127E (23-40W)



(46-80W)



RSAL115E (14-30W)



(28-60W)



RSAL115D/E (14-30W)



(28-60W)



RSAL150E (23-40W)



(46-80W)



RSAL150D/E (23-40W)



(46-80W)



RSAL166D/E (23-40W)



(46-80W)

Indoor Lighting (Downlights)

IP Recessed Downlight Luminaires



RFM75 (4-8W)



RSM76 (4-8W)



RFP74D (4-7W)



RSFP74D (4-7W)



RFL811 (10W)



RAL811 (10W)



RAL811/PH (10W)



RAL811/SL (10W)



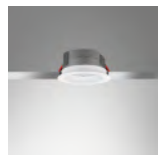
RAL811/D (10W)



RSL811/D (10W)



IRDL100 (10W)



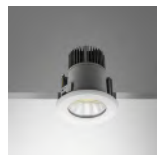
IRDL130 (14/20W)



IRDL170 (23/30W)



IRDL210 (40/49W)



IRDL126 (20/27W)



IRDL155 (30/40W)

Surface Downlight Luminaires



SAM97 (4-8W)



(8-16W)



SAP97 (4-7W)



(8-14W)



ESDL100 (10/14W)



ESDL150 (14/20W)



ESDL200 (20-27W)



SAL97 (14W)



(28W)



SAL102J (14-23W)



SDL65 (8/14W)



SDL80 (14-23W)



SDL110 (20-27W)



SDL91 (10W)



SDL111 (14/20W)



SDL131 (14-20W)



SDL169 (30-40W)

Indoor Lighting (Downlights)

Surface Downlight Luminaires



SDL193 (44/49W)



SAL115E (14-30W)



SAL150E (23-40W)

Surface Square/Multi Downlight Luminaires



SSAM97 (4-8W)



(8-16W)



SSAP97 (4-7W)



(8-14W)



SSAL97 (14W)



(28W)



SSAL102 (14/20W)



SSDL91 (10W)



SSDL111 (14/20W)



SSDL131 (14-23W)



SSDL161 (30-49W)



SSAL115E (14-30W)



(28-60W)



SSAL150E (23-40W)



(46-80W)

IP Surface Downlight Luminaires



ISDP90 (4-7W)



ISDP108 (4-6W)



ISDP146 (7-10W)



ISSP120 (7-10W)

Indoor Lighting (Downlights)

IP Surface Downlight Luminaires



ISDL1215 (14/20W)



ISDL1010 (10W)



ISSL1010 (10W)



ISDL1515 (23/30W)



ISSL1515 (23/30W)



ISDL2020 (40/44W)



ISSL2020 (40/44W)

Indoor Lighting (Spot/Track light)

Spot/Track light Luminaires



SAM83 (4-8W)



SAM86 (4-8W)



SAM125 (4-8W)



SAP60 (4-7W)



SAP95 (4-7W)



SAP125 (4-7W)



SAP135 (5.5-6W)



SAP135S (5.5-6W)



SAP145 (9.5-10W)



SAP145S (9.5-10W)



SAP114 (9.5-10W)



SAP116 (20-32W)



SAL65 (8/14W)



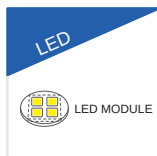
SAL80J (14-23W)



SAL110 (20-30W)



SAL190 (56W)



SPOT42/LS205 (10W)



SPOT42/LF205 (6W)



SPOT42/LF407 (11W)



SPOT42/LF800 (20W)



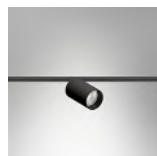
SPOT42/LW205 (10W)



SPOT42/LFA205 (6W)



SPOT42/LSA205 (10W)



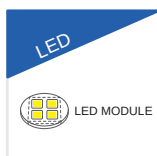
SPOT42/TR30 (8W)



SPOT42/TR52 (14/20W)



SPOT42/TR52/Shutter (14W)



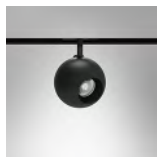
SPOT42/TR95 (25W)

Indoor Lighting (Spot/Track light)

Spot/Track light Luminaires



SPOT42/TR30-2 (16W)



SPOT42/PDL00S (14W)



SPOT42/PDL100 (14W)



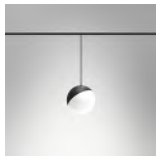
SPOT42/PDL30 (8W)



SPOT42/PDL52 (20W)



SPOT42/PDL95 (14W)



SPOT42/PDL100L (8W)



SPOT42/LTR90



SPOT42/LTS90



TRM83 (4-8W)



TRM86 (4-8W)



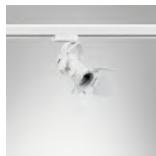
TRM125 (4-8W)



TRP60 (4-7W)



TRP125 (4-7W)



TRP93 (4-7W)



TRP95 (4-7W)



TRP135 (5.5-6W)



TRP135S (5.5-6W)



TRP145 (9.5-10W)



TRP145S (9.5-10W)



TRP155 (9.5-10W)



TRP114 (9.5-10W)



TRP116 (20-32W)



TRL651 (14/20W)



TRL801 (23/30W)



TRL100 (30-40W)



TRL102 (23-35W)



TRL135 (23-30W)



TRL50 (8W)



TRL65 (8/14W)



TRL80 (14/23W)



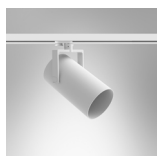
TRL110 (20-30W)



TRL119 (30-40W)



TRL120 (30-40W)



TRL190 (56W)

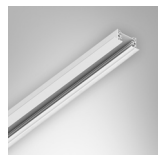


TRL76Z (14-23W)

Lighting track



LTS01 (Surface 1C)



LTR01 (Recessed 1C)



LTS03 (Surface 3C)



LTR03 (Recessed 3C)



LTS04 (Surface 1C, 0/1-10V, DALI)



LTR04 (Recessed 1C, 0/1-10V, DALI)

Indoor Lighting (Pendant/Wall/Table/Floor lamps)

Pendant Luminaires



PSAL102 (14/20W)



PSAL115 (14-23W)



(28-46W)



PSAL130 (23-35W)



(46-70W)



PDL65 (8/14W)



PDL80 (14-23W)



PDL110 (20-27W)



PAL102J (14-23W)

LED Recessed Downlight



Application

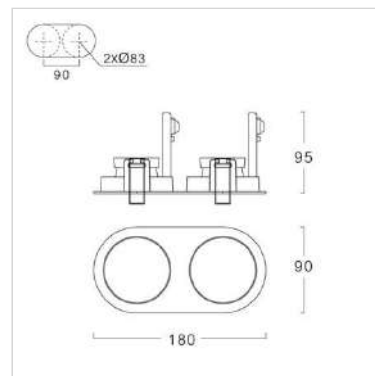
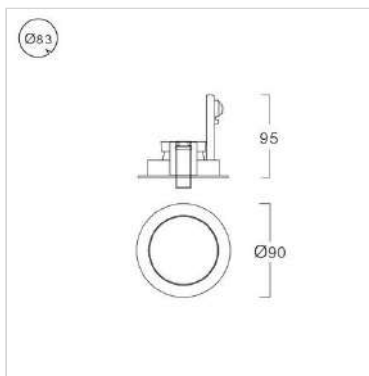
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

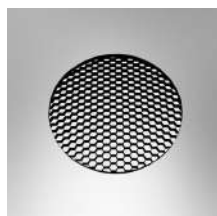
Housing	Die-cast aluminium
Description	4 different color matching are available for various applications WH : lamp head white , trim white BK : lamp head black , trim black WH/BK : lamp head white , trim black BK/WH : lamp head black , trim white Powder Coated in white / black
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
CRI	80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC,50Hz (Magnetic transformer) 220-240VAC,50Hz (Electronic transformer is available as option)
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RFM83/WH-1xXXLED-MR16	4-8W
RFM83/WH-2xXXLED-MR16	8-16W



Related Products



Honey comb



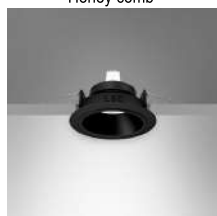
Filter



Anti glare



Hood



RFM83/BK-LED MR16



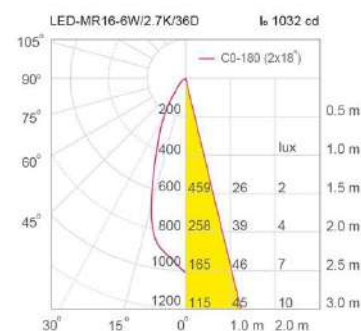
RFM83/WH/BK-LED MR16



RFM83/BK/WH-LED MR16



RFM83/BK/WH-2xLED MR16



LED Recessed Downlight



RAM83

Application

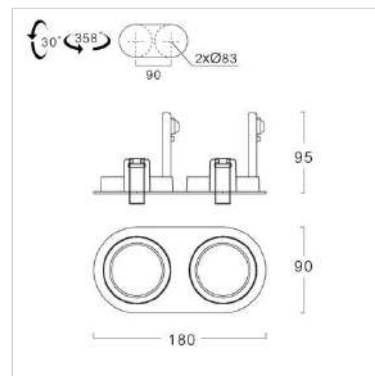
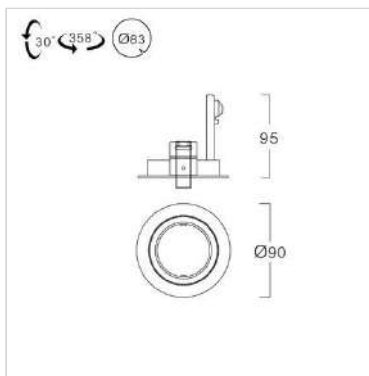
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

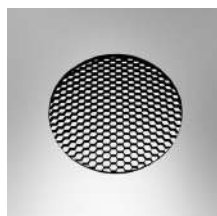
Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
CRI	80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC,50Hz (Magnetic transformer) 220-240VAC,50Hz (Electronic transformer is available as option)
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RAM83/WH-XXLED-MR16	4-8W
RAM83/WH-2xXXLED-MR16	8-16W



Related Products



Honey comb



Filter



Anti glare



Hood



RAM83/BK-LED MR16



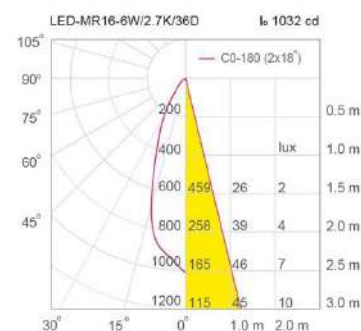
RAM83/BK-2xLED MR16



RSAM83-1xLED MR16



RSAM83-2xLED MR16



LED Recessed Downlight



RAM83D

Application

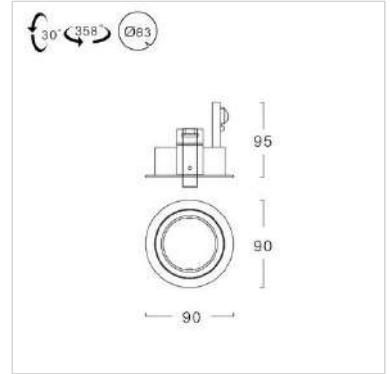
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

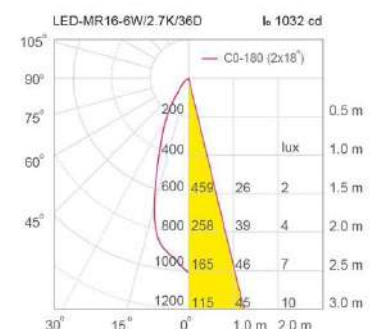
Housing	Die-cast aluminium
Description	3 different color matching are available for various applications WH : inner white , trim white BK : inner black , trim black BK/WH : inner black , trim white
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
CRI	80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC,50Hz (Magnetic transformer) 220-240VAC,50Hz (Electronic transformer is available as option)
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RAM83D/BK/WH-XXLED-MR16	4-8W
RAM83D/BK-XXLED-MR16	4-8W
RAM83D/WH-XXLED-MR16	4-8W



Related Products



LED Recessed Downlight



RFM76J

Application

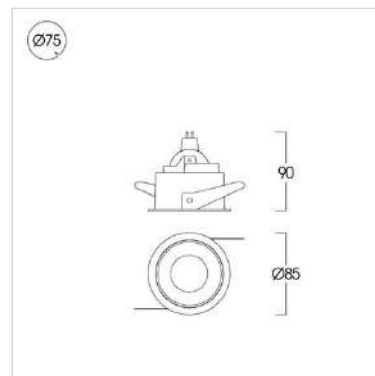
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

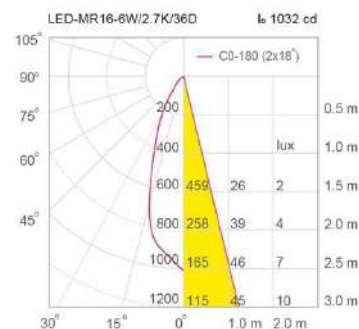
Housing	Die-cast aluminium
Description	4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
CRI	80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC, 50Hz (Magnetic transformer) 220-240VAC, 50Hz (Electronic transformer is available as option)
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RFM76J/BR/WH-XXLED	4-8W
RFM76J/MB/WH-XXLED	4-8W
RFM76J/MI/WH-XXLED	4-8W
RFM76J/WR/WH-XXLED	4-8W



Related Products



LED Recessed Downlight



RFM76J/T

Application

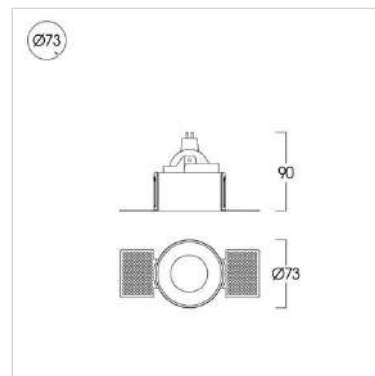
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

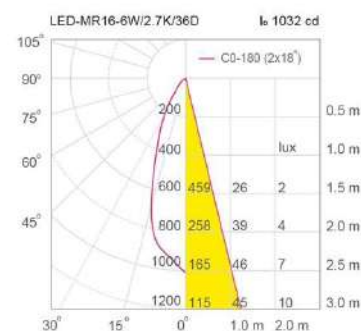
Housing	Die-cast aluminium Trimless
Description	4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
CRI	80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC, 50Hz (Magnetic transformer) 220-240VAC, 50Hz (Electronic transformer is available as option)
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RFM76J/T/BR/WH-XXLED	4-8W
RFM76J/T/MB/WH-XXLED	4-8W
RFM76J/T/MI/WH-XXLED	4-8W
RFM76J/T/WR/WH-XXLED	4-8W



Related Products



LED Recessed Downlight



TIS RAM76J

Application

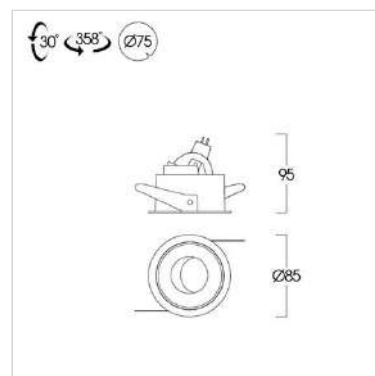
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

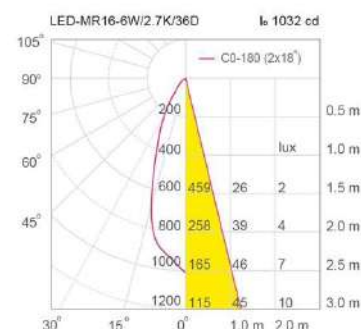
Housing	Die-cast aluminium
Description	5 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) WW (front reflector wall wash)
Finishing	Powder coated in white
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
CRI	80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC, 50Hz (Magnetic transformer) 220-240VAC, 50Hz (Electronic transformer is available as option)
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

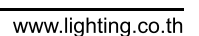
Ordering Data

Model	Watt
RAM76J/BK/WH-XXLED MR16	4-8W
RAM76J/MB/WH-XXLED MR16	4-8W
RAM76J/MI/WH-XXLED MR16	4-8W
RAM76J/WR/WH-XXLED MR16	4-8W
RAM76J/WW/WH-XXLED MR16	4-8W



Related Products





LED Recessed Downlight



RAQ160

Application

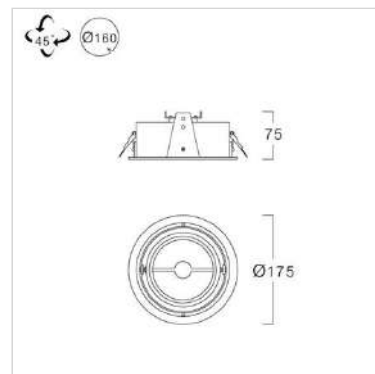
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in black / white
Mounting	Recessed
Power	15-20W
Light Source	LED-QR111
Lamp Holder	G53
Colour Temperature	15W : 2700/3000K 20W : 3000/4000K
CRI	80
Lamp Output	15W : 830/840 lm 20W : 1350/1400 lm
Beam Angle	15W : 24/40 degree 20W : 12/24/40 degree
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC, 50Hz (Magnetic transformer) 220-240VAC, 50Hz (Electronic transformer is available as option)
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15W : 40,000 hrs. 20W : 25,000 hrs.
Equivalent	15W : AR111 75W 20W : AR111 100W

Ordering Data

Model	Watt
RAQ160/BK-XXLED	15-20W
RAQ160/WH-XXLED	15-20W



Related Products



LED Recessed Downlight



RAQ160D

Application

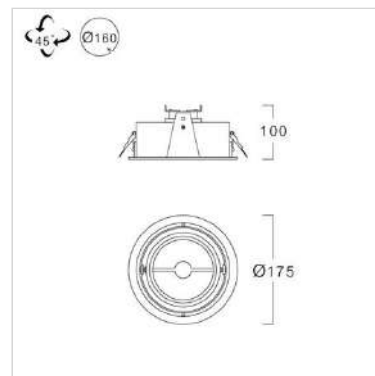
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in black / white
Mounting	Recessed
Power	15-20W
Light Source	LED-QR111
Lamp Holder	G53
Colour Temperature	15W : 2700/3000K 20W : 3000/4000K
CRI	80
Lamp Output	15W : 830/840 lm 20W : 1350/1400 lm
Beam Angle	15W : 24/40 degree 20W : 12/24/40 degree
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC, 50Hz (Magnetic transformer) 220-240VAC, 50Hz (Electronic transformer is available as option)
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15W : 40,000 hrs. 20W : 25,000 hrs.
Equivalent	15W : AR111 75W 20W : AR111 100W

Ordering Data

Model	Watt
RAQ160D/BK-XXLED	15-20W
RAQ160D/WH-XXLED	15-20W



Related Products



Hood



Hood



RAQ160-LED QR111



RSAQ150-1xLED QR111



RSAQ150-2xLED QR111



RSAQ150D-1xLED QR111



RSAQ150D-2xLED QR111

LED Recessed Downlight



TIS RAP81D

Application

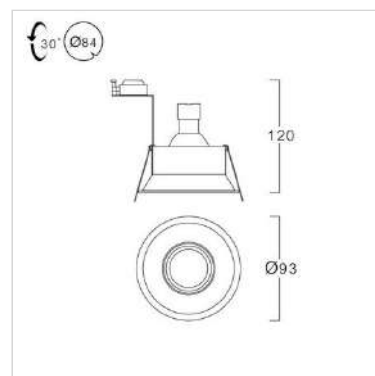
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

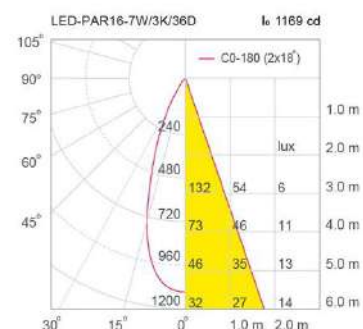
Housing	Die-cast aluminium
Finishing	Powder Coated in white
Mounting	Recessed
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
CRI	80
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15,000-50,000 hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
RAP81D/WH-XXLED-PAR16	4-7W



Related Products



LED Recessed Downlight



TIS RAP90D

Application

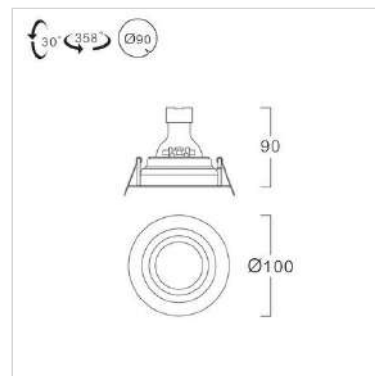
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white/black
Mounting	Recessed
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
CRI	80
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15,000-50,000 hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
RAP90D/WH-XXLED-PAR16	4-7W



Related Products



RFP74D-LED PAR16



RSFP74D-LED PAR16



RSAP81D-LED PAR16



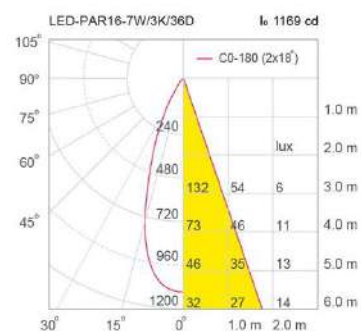
RAP81D-LED PAR16



RSAP90D-1xLED PAR16



RSAP90D-2xLED PAR16



LED Recessed Downlight



TIS RDC125T

Application

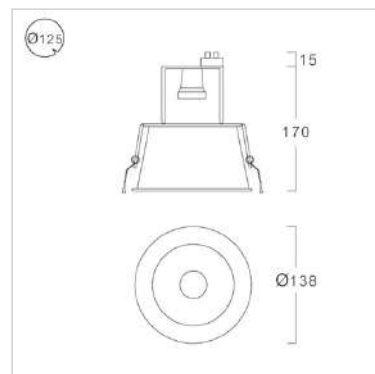
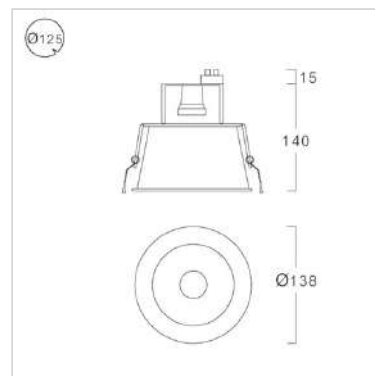
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	5-12W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	5W : 3000/6500K : 470/510 lm 7W : 3000/6500K : 630/690 lm 9W : 3000/6500K : 810/850 lm 12W : 3000/6500K : 1200/1300 lm
Beam Angle	112 degree
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	CFL 8-18W

Ordering Data

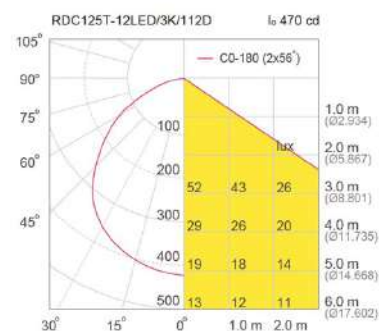
Model	Watt
RDC125T/WH-XXLED-BULB	5-12W



Related Products



MRDC125T-LED BULB



LED Recessed Downlight



RDC135V

Application

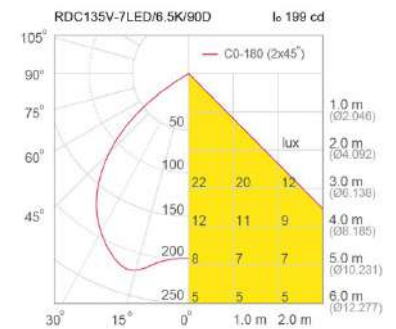
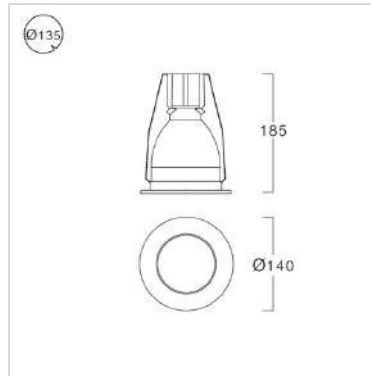
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame/ring
Finishing	Powder Coated in white
Reflector	High quality aluminum
Mounting	Recessed
Power	5-9W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	5W : 3000/6500K : 470/510 lm 7W : 3000/6500K : 630/690 lm 9W : 3000/6500K : 810/850 lm
Beam Angle	90 degree
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	CFL 8-14W

Ordering Data

Model	Watt
RDC135V/WH-XXLED-BULB	5-9W



RDC155V

Application

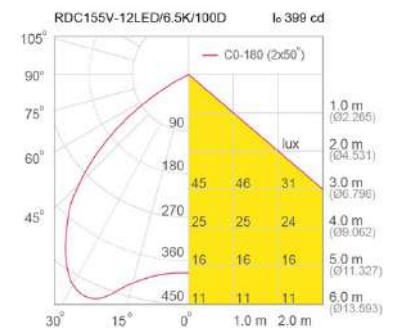
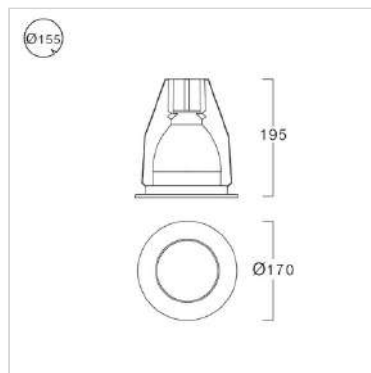
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame/ring
Finishing	Powder Coated in white
Reflector	High quality aluminum
Mounting	Recessed
Power	7-12W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	7W : 3000K/6500K : 630/690 lm 9W : 3000/6500K : 810/850 lm 12W : 3000/6500K : 1200/1300 lm
Beam Angle	100 degree
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	CFL 14-18W

Ordering Data

Model	Watt
RDC155V/WH-XXLED-BULB	7-12W



LED Recessed Downlight



EDC135V

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame and Die-cast aluminium trim
Finishing	Powder Coated in white
Diffuser	Prismatic glass
Mounting	Recessed
Power	5W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	5W : 3000/6500K : 470/510 lm
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	CFL 8W

Ordering Data

Model	Watt
EDC135V/WH-XXLED-BULB	5W



EDC155V

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame and Die-cast aluminium trim
Finishing	Powder Coated in white
Diffuser	Prismatic glass
Mounting	Recessed
Power	5-7W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	5W : 3000/6500K : 470/510 lm 7W : 3000/6500K : 630/690 lm
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	CFL 8-14W

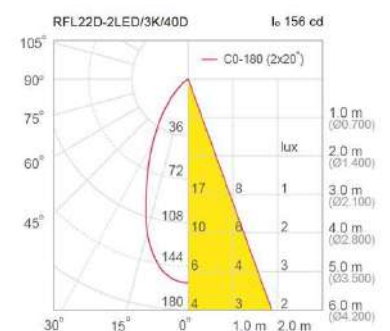
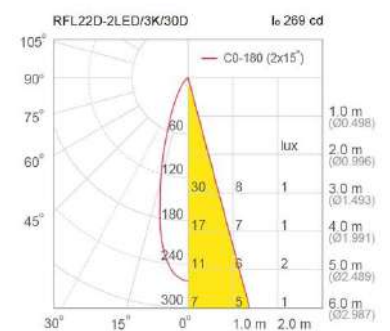
Ordering Data

Model	Watt
EDC155V/WH-XXLED-BULB	5-7W





Model	Watt
RFL22D/BK-2LED	2W
RFL22D/WH-2LED	2W



RFL32D/BK-3W

LED Recessed Downlight



TIS RFL32D

Application

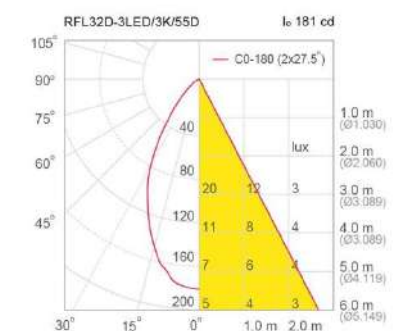
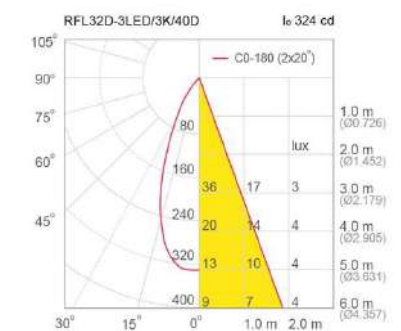
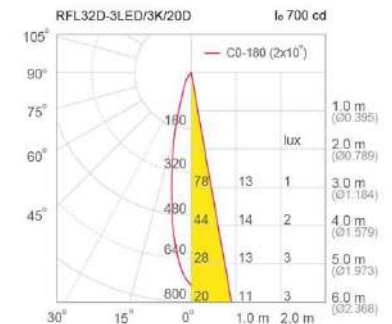
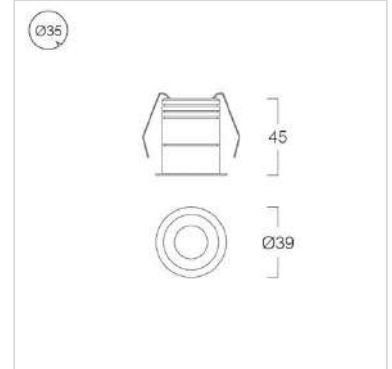
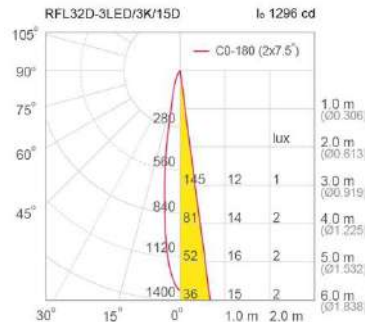
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	3W
Light Source	LED-Module
Colour Temperature	3000K
Luminaire Output	184 lm*
Beam Angle	15/20/40/55 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs.
Equivalent	MR11 20W
Remarks	*Value at 15 Degree

Ordering Data

Model	Watt
RFL32D/BK-3LED	3W
RFL32D/WH-3LED	3W



Related Products



RFL22D/WH-2W



RFL22D/BK-2W

LED Recessed Downlight



TIS RFL76J

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing Die-cast aluminium
Description 4 different lamp heads are available for various applications

WR (front reflector white)
BR (front reflector black)
MB (front reflector mirror black)
MI (front reflector mirror chrome)

Finishing

Powder coated in white

Mounting

Recessed

Power

14/20W

Light Source

LED-COB

Colour Temperature

3000/4000/5000K

CRI

>90/ >90/ >80

Lamp Output

14W : 1333/1397/1530 lm

20W : 2232/2430/2538 lm

Luminaire Output

14W : 950/995/1090 lm*

20W : 1521/1644/1704 lm*

Beam Angle

14W : 15/24/36/60 Degree

20W : 18/24/36/55 Degree

UGR

<19

Control Gear

Separate driver

Power Supply

220-240VAC, 50Hz

Power Factor

>0.9

Insulation Class

II

IP Rating

20

Luminaire Lifetime

25,000 hrs.

Equivalent

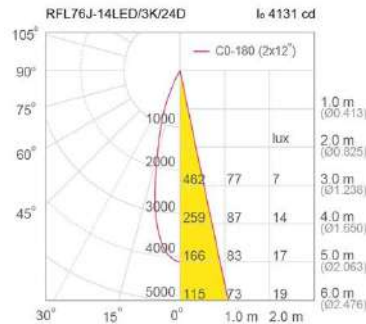
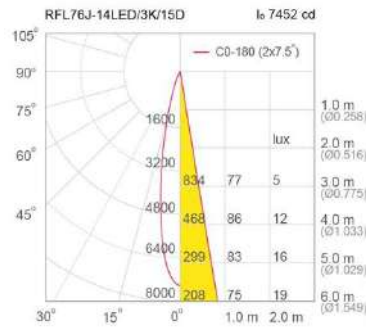
MR16 50W

Remarks

*Value at 36 Degree

Ordering Data

Model	Watt
RFL76J/BR/WH-14LED	14W
RFL76J/MB/WH-14LED	14W
RFL76J/MI/WH-14LED	14W
RFL76J/WR/WH-14LED	14W
RFL76J/BR/WH-20LED	20W
RFL76J/MB/WH-20LED	20W
RFL76J/MI/WH-20LED	20W
RFL76J/WR/WH-20LED	20W

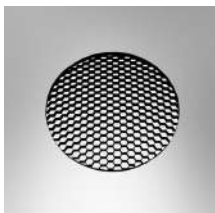


14W



20W

Related Products



Honey comb



Filter



RFL76J/WR-14W



RFL76J/BR-14W



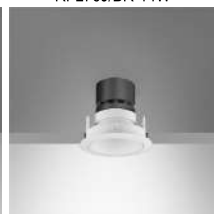
RFL76J/MB-14W



RFL76J/MI-14W



RAL83-14W



RFL83-14W

LED Recessed Downlight



TIS RFL76J/T

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing Die-cast aluminium Trimless
Description 4 different lamp heads are available for various applications

WR (front reflector white)
BR (front reflector black)
MB (front reflector mirror black)
MI (front reflector mirror chrome)

Finishing

Powder coated in white

Mounting

Recessed

Power

14/20W

Light Source

LED-COB

Colour Temperature

3000/4000/5000K

CRI

>90/ >90/ >80

Lamp Output

14W : 1333/1397/1530 lm

20W : 2232/2430/2538 lm

Luminaire Output

14W : 950/995/1090 lm*

20W : 1521/1644/1704 lm*

Beam Angle

14W : 15/24/36/60 Degree

20W : 18/24/36/55 Degree

UGR

<19

Control Gear

Separate driver

Power Supply

220-240VAC, 50Hz

Power Factor

>0.9

Insulation Class

II

IP Rating

20

Luminaire Lifetime

25,000 hrs.

Equivalent

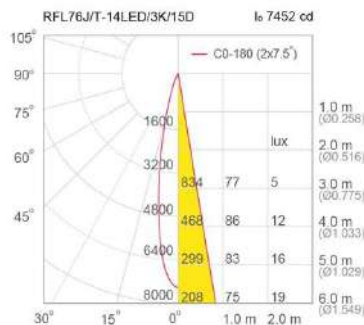
MR16 50W

Remarks

*Value at 36 Degree

Ordering Data

Model	Watt
RFL76J/T/BR/WH-14LED	14W
RFL76J/T/MB/WH-14LED	14W
RFL76J/T/MI/WH-14LED	14W
RFL76J/T/WR/WH-14LED	14W
RFL76J/T/BR/WH-20LED	20W
RFL76J/T/MB/WH-20LED	20W
RFL76J/T/MI/WH-20LED	20W
RFL76J/T/WR/WH-20LED	20W



LED Recessed Downlight



Application

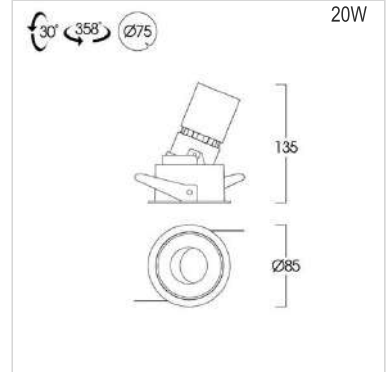
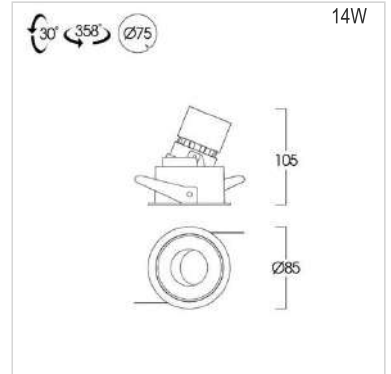
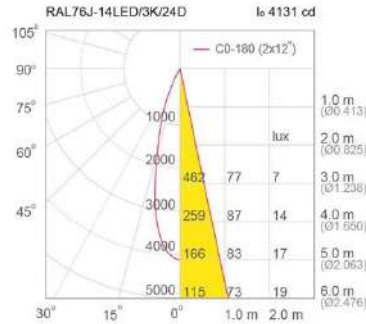
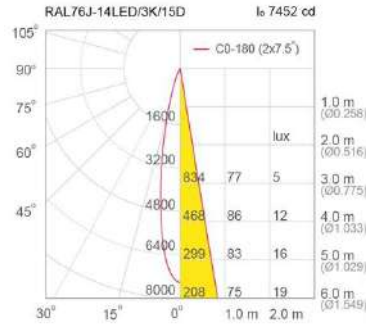
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Description	5 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) WW (front reflector wall wash)
Finishing	Powder coated in white
Mounting	Recessed
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 lm
Luminaire Output	14W : 950/995/1090 lm* 20W : 1521/1644/1704 lm*
Beam Angle	14W : 15/24/36/60 Degree 20W : 18/24/36/55 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 36 Degree

Ordering Data

Model	Watt
RAL76J/BR/WH-14LED	14W
RAL76J/MB/WH-14LED	14W
RAL76J/MI/WH-14LED	14W
RAL76J/WR/WH-14LED	14W
RAL76J/WW/WH-14LED	14W
RAL76J/BR/WH-20LED	20W
RAL76J/MB/WH-20LED	20W
RAL76J/MI/WH-20LED	20W
RAL76J/WR/WH-20LED	20W
RAL76J/WW/WH-20LED	20W



Related Products



LED Recessed Downlight



TIS RAL76J/T

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing Die-cast aluminium Trimless
Description 5 different lamp heads are available for various applications

WR (front reflector white)
BR (front reflector black)
MB (front reflector mirror black)
MI (front reflector mirror chrome)
WW (front reflector wall wash)

Finishing

Powder coated in white

Mounting

Recessed

Power

14/20W

Light Source

LED-COB

Colour Temperature

3000/4000/5000K

CRI

>90/ >90/ >80

Lamp Output

14W : 1333/1397/1530 lm

20W : 2232/2430/2538 lm

Luminaire Output

14W : 950/995/1090 lm*

20W : 1521/1644/1704 lm*

Beam Angle

14W : 15/24/36/60 Degree

20W : 18/24/36/55 Degree

UGR

<19

Control Gear

Separate driver

Power Supply

220-240VAC, 50Hz

Power Factor

>0.9

Insulation Class

II

IP Rating

20

Luminaire Lifetime

25,000 hrs.

Equivalent

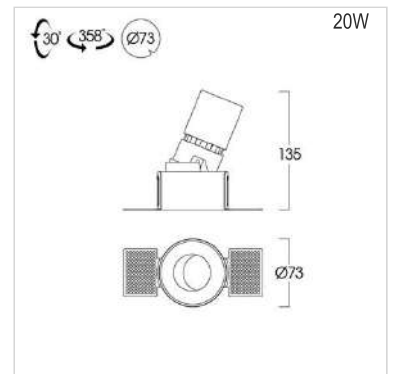
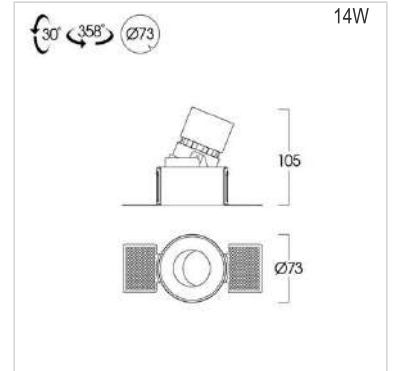
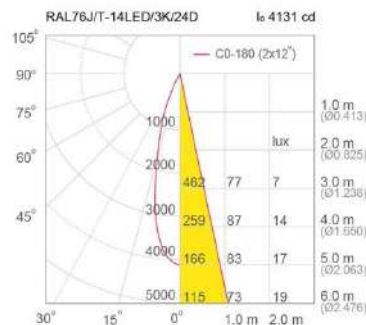
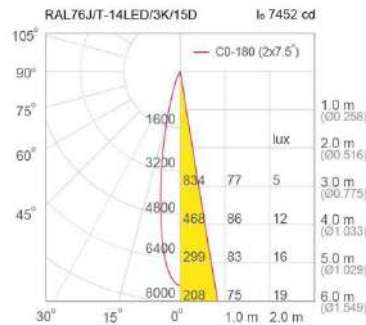
MR16 50W

Remarks

*Value at 36 Degree

Ordering Data

Model	Watt
RAL76J/T/BR/WH-14LED	14W
RAL76J/T/MB/WH-14LED	14W
RAL76J/T/MI/WH-14LED	14W
RAL76J/T/WR/WH-14LED	14W
RAL76J/T/WWW/WH-14LED	14W
RAL76J/T/BR/WH-20LED	20W
RAL76J/T/MB/WH-20LED	20W
RAL76J/T/MI/WH-20LED	20W
RAL76J/T/WR/WH-20LED	20W
RAL76J/T/WWW/WH-20LED	20W



Related Products



LED Recessed Downlight



TIS RFL83

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing Die-cast aluminium
Description 4 different color matching are available for various applications

WH : lamp head white , trim white
BK : lamp head black , trim black
WH/BK : lamp head white , trim black
BK/WH : lamp head black , trim white
Powder coated in white / black

Finishing

Mounting

Power

Recessed
1 lamp : 14/20W
2 lamps : 28/40W

Light Source

LED-COB

Colour Temperature

3000/4000/5000K

CRI

>90/ >90/ >80

Lamp Output

14W : 1333/1397/1530 lm

20W : 2232/2430/2538 lm

Luminaire Output

14W : 1046/1096/1200 lm*

20W : 1790/1935/2005 lm*

Beam Angle

14W : 15/24/36/60 Degree

20W : 18/24/36/60 Degree

Control Gear

Separate driver

Power Supply

220-240VAC, 50Hz

Power Factor

>0.9

Insulation Class

II

IP Rating

20

Luminaire Lifetime

25,000 hrs

Equivalent

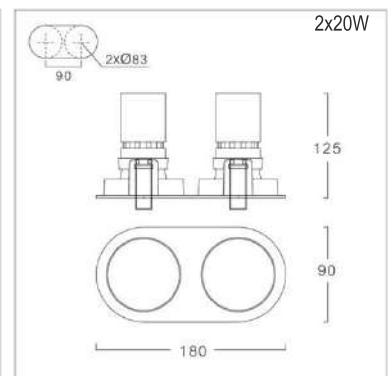
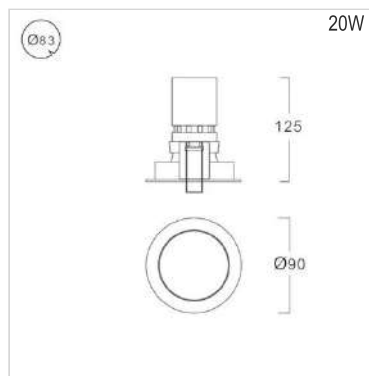
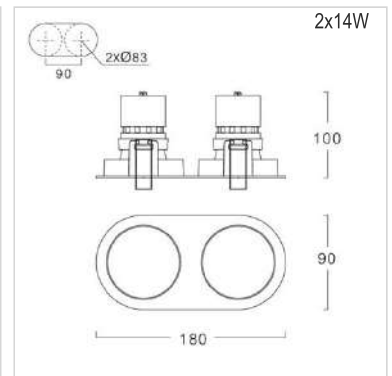
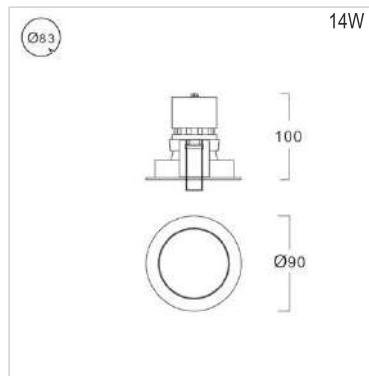
MR16 50W

Remarks

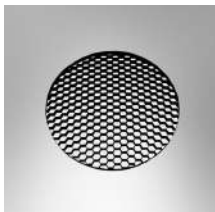
*Value at 24 Degree

Ordering Data

Model	Watt
RFL83/WH-14LED	14W
RFL83/WH-20LED	20W
RFL83/WH-2x14LED	28W
RFL83/WH-2x20LED	40W



Related Products



Honey comb



Filter



Anti glare



Hood



RAL83-14W



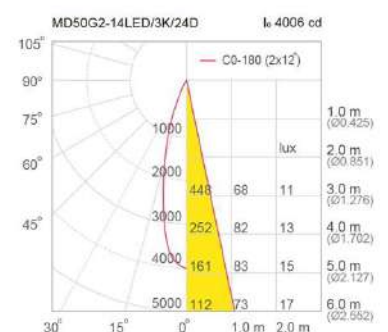
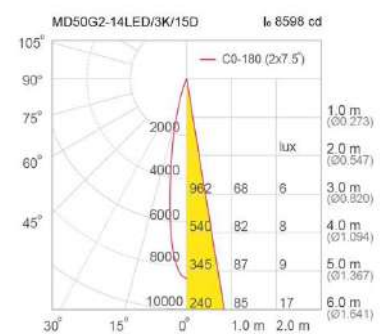
RSAL83-1x14W



RSAL83D-1x14W



RSFL83-1x14W



LED Recessed Downlight



TIS RAL83

Application

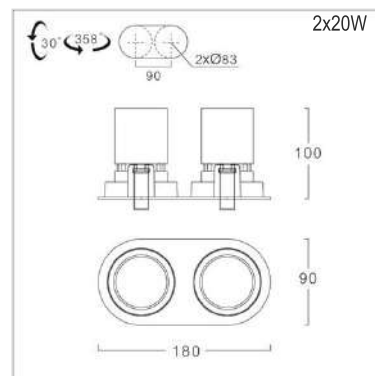
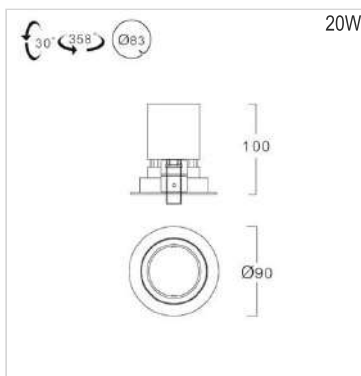
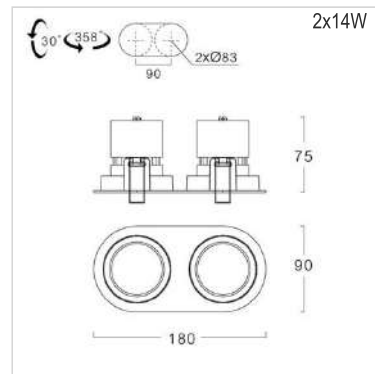
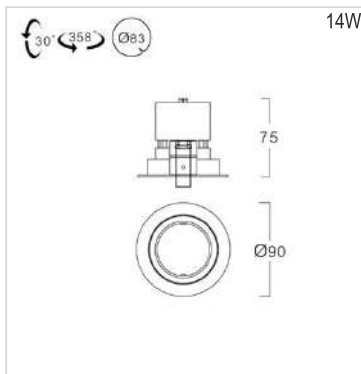
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

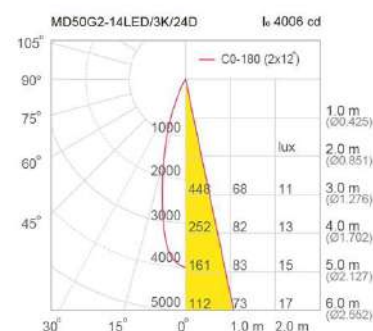
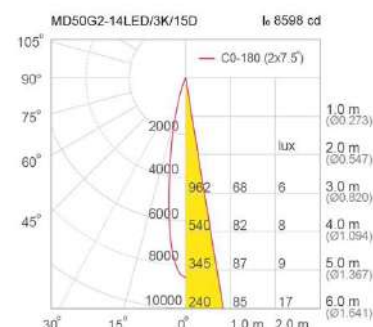
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	1 lamp : 14/20W 2 lamps : 28/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 lm
Luminaire Output	14W : 1046/1096/1200 lm* 20W : 1790/1935/2005 lm*
Beam Angle	14W : 15/24/36/60 Degree 20W : 18/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL83/WH-14LED	14W
RAL83/WH-20LED	20W
RAL83/WH-2x14LED	28W
RAL83/WH-2x20LED	40W



Related Products



LED Recessed Downlight



Application

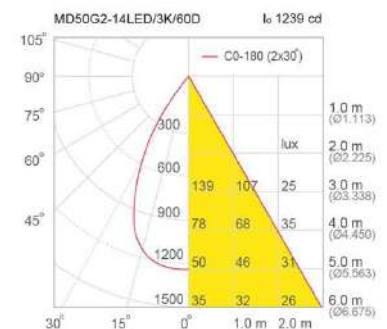
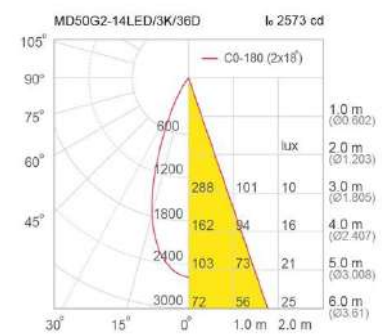
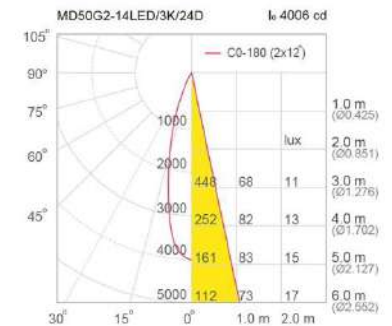
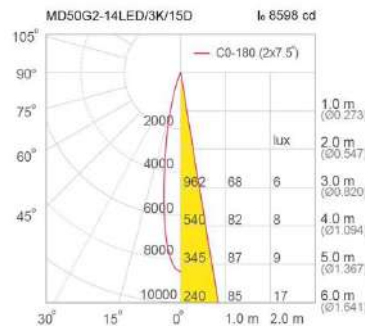
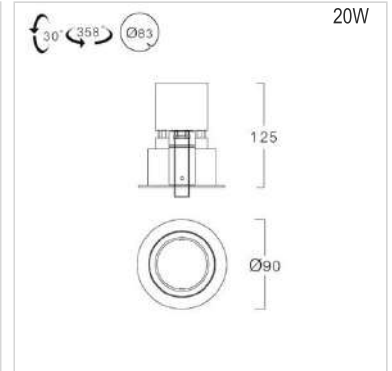
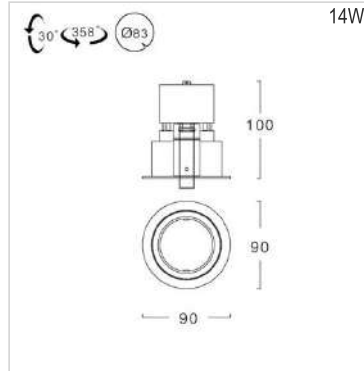
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Description	3 different color matching are available or various applications WH : inner white , trim white BK : inner black , trim black BK/WH : inner black , trim white Powder coated in white / black
Finishing	
Mounting	Recessed
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 lm
Luminaire Output	14W : 1046/1096/1200 lm* 20W : 1790/1935/2005 lm*
Beam Angle	14W : 15/24/36/60 Degree 20W : 18/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL83D/BK/WH-14LED	14W
RAL83D/BK-14LED	14W
RAL83D/WH-14LED	14W
RAL83D/BK/WH-20LED	20W
RAL83D/BK-20LED	20W
RAL83D/WH-20LED	20W



Related Products



LED Recessed Downlight



TIS ERDL100

Application

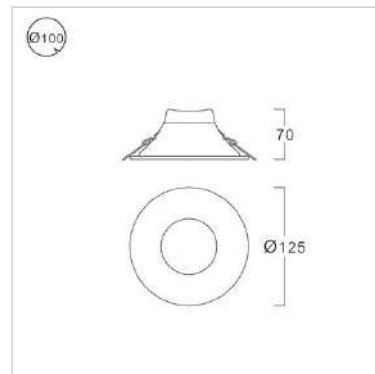
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	10/14W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	10W : 1120/1215/1290lm 14W : 1540/1660/1805lm
Luminaire Output	10W : 973/1051/1118 lm 14W : 1363/1472/1594 lm
Beam Angle	98 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	10W : CFL 18W 14W : CFL 26W

Ordering Data

Model	Watt
ERDL100/WH-10LED	10W
ERDL100/WH-14LED	14W



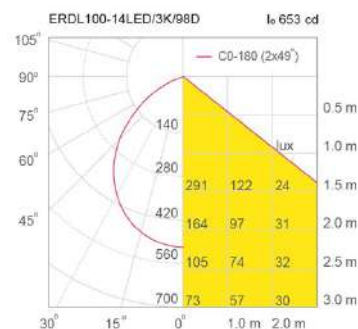
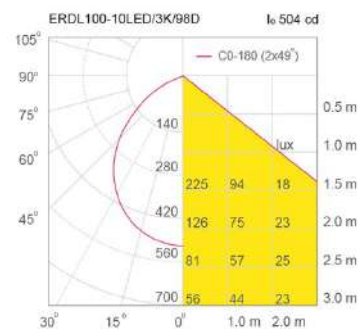
Related Products



ERDL150-14/20W



ERDL200-23/27W



LED Recessed Downlight



ERDL150

Application

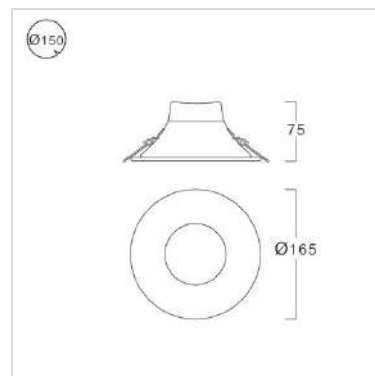
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575lm
Luminaire Output	14W : 1361/1470/1592 lm 20W : 1860/2008/2176 lm
Beam Angle	98 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	14W : CFL 32W 20W : CFL 2x18W

Ordering Data

Model	Watt
ERDL150/WH-14LED	14W
ERDL150/WH-20LED	20W



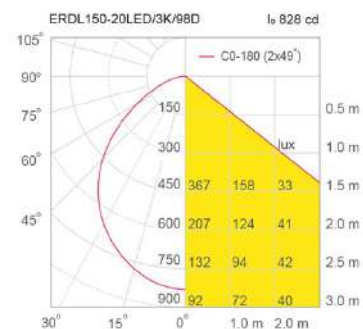
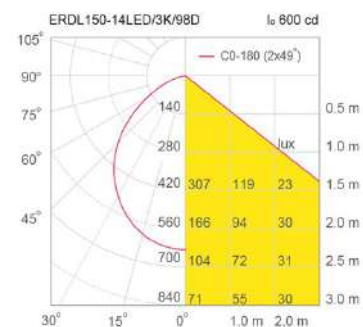
Related Products



ERDL100-10/14W



ERDL200-23/27W



LED Recessed Downlight



ERDL200

Application

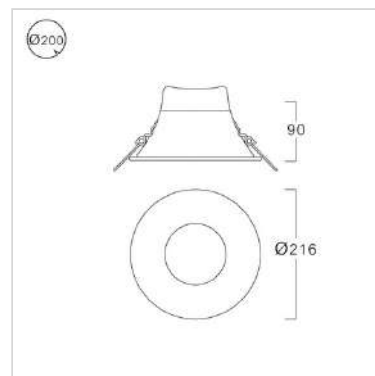
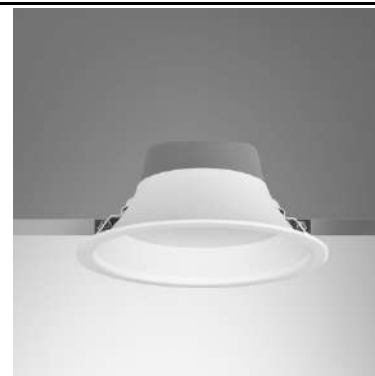
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	23/27W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 27W : 3065/3300/3515 lm
Luminaire Output	23W : 2198/2373/2571 lm 27W : 2462/2658/2880 lm
Beam Angle	98 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	23W:CFL 2x26W 27W:CFL 2x32W

Ordering Data

Model	Watt
ERDL200/WH-23LED	23W
ERDL200/WH-27LED	27W



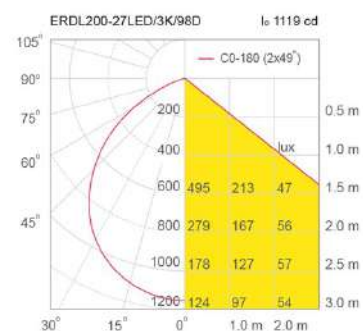
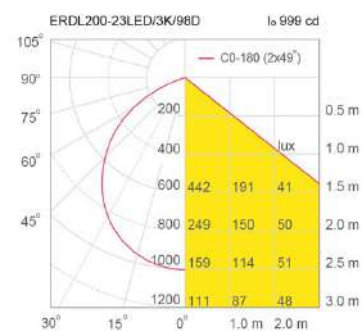
Related Products



ERDL100-10/14W



ERDL150-14/20W



LED Recessed Downlight



ERDL250

Application

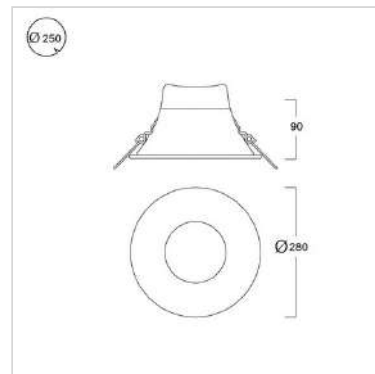
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	30W : 3500/3770/4015 lm
Luminaire Output	30W : 3000/3210/3434 lm
Beam Angle	98 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	30W : CFL 2x32W

Ordering Data

Model	Watt
L&E#ERDL250/WH-30LED	30W



Related Products



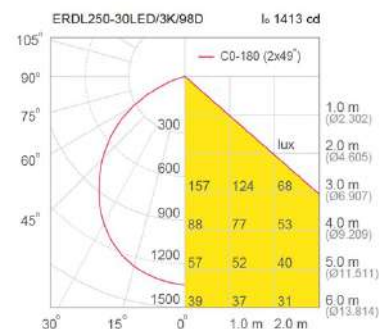
ERDL100-10/14W



ERDL150-14/20W



ERDL200-23/27W



LED Recessed Downlight



RDL110P

Application

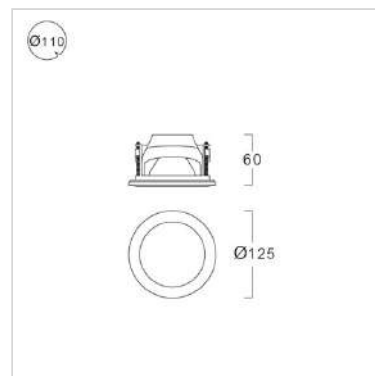
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium/Plastic
Finishing	Powder coated in white
Reflector	High quality aluminum
Diffuser	Tempered clear glass
Mounting	Recessed
Power	10/14W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	10W : 1120/1215/1290lm 14W : 1540/1660/1805lm
Luminaire Output	10W : 912/975/1044 lm 14W : 1278/1367/1463lm
Beam Angle	80 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.

Ordering Data

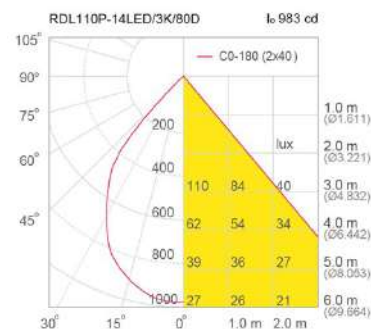
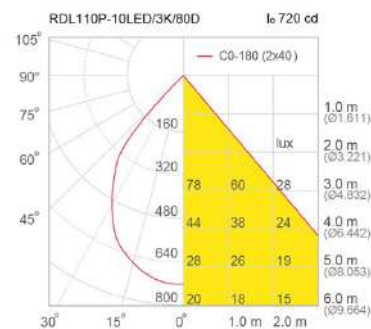
Model	Watt
RDL110P/WH-10LED	10W
RDL110P/WH-14LED	14W



Related Products



RDL151P-23/30W



LED Recessed Downlight



TIS RDL151P

Application

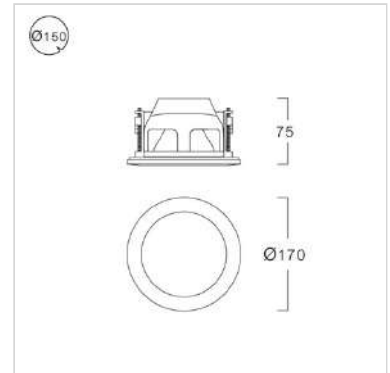
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium/Plastic
Finishing	Powder coated in white
Reflector	High quality aluminum
Diffuser	Tempered clear glass
Mounting	Recessed
Power	23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	23W : 2300/2461/2633 lm 30W : 3000/3210/3434 lm
Beam Angle	80 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.

Ordering Data

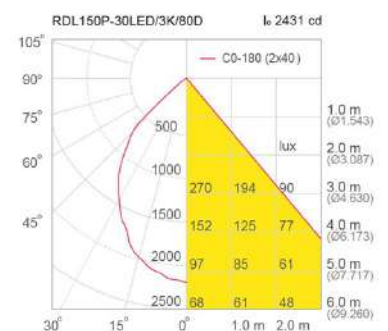
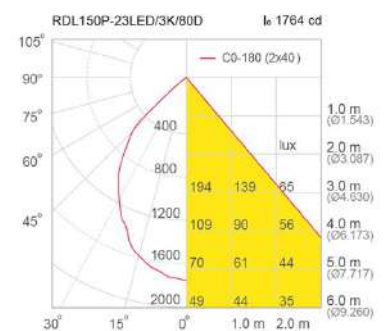
Model	Watt
RDL151P/WH-23LED	23W
RDL151P/WH-30LED	30W



Related Products



RDL110P-10/14W



LED Recessed Downlight



TIS RFL100D/E

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

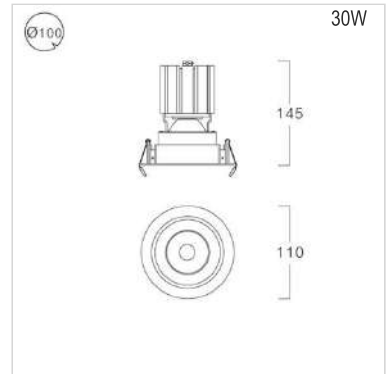
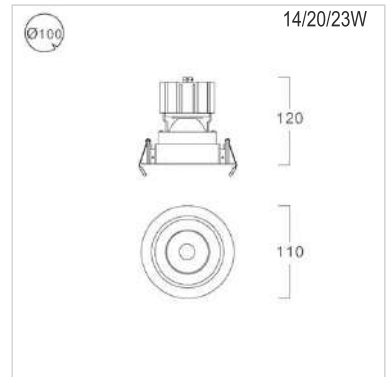
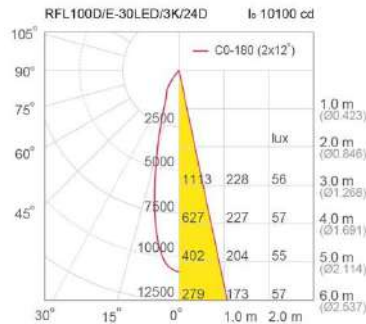
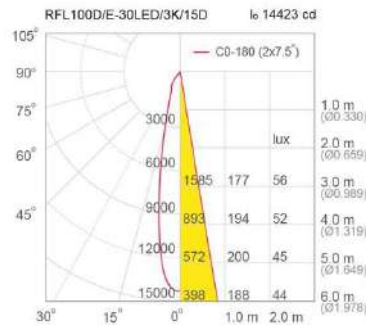
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	14/20/23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	14W : 1342/1449/1570 lm* 20W : 1854/2002/2169 lm* 23W : 2135/2305/2497 lm* 30W : 2914/3147/3351 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W 30W : MH 70W

Remarks

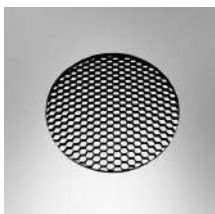
*Value at 24 Degree

Ordering Data

Model	Watt
RFL100D/E/WH-14LED	14W
RFL100D/E/WH-20LED	20W
RFL100D/E/WH-23LED	23W
RFL100D/E/WH-30LED	30W



Related Products



Honey comb



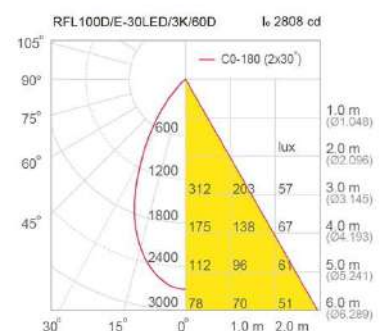
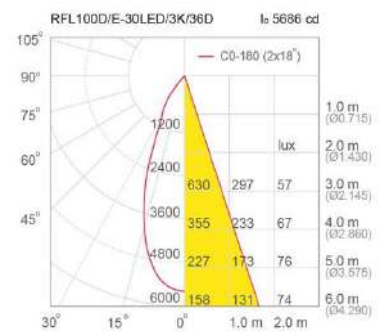
RAL107E-14/20/23/30W



RAL107D/E-14/20/23/30W



RAL115E-14/20/23/30W



LED Recessed Downlight



TIS RFL125D/E

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

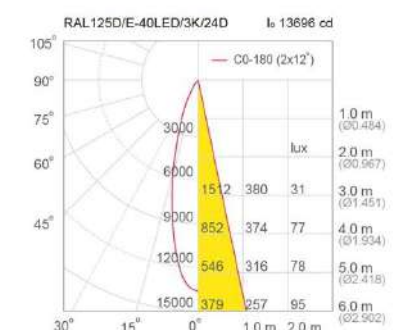
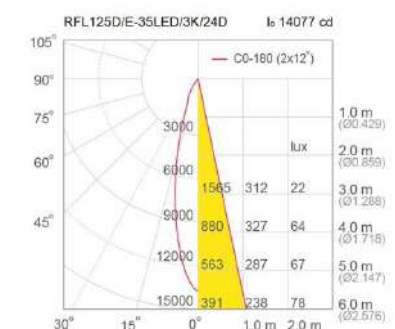
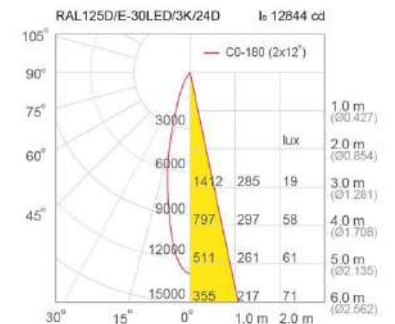
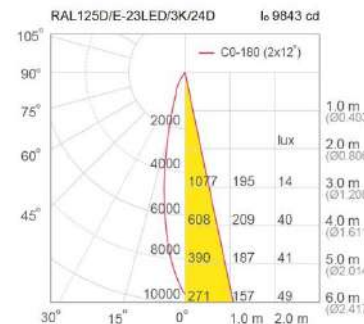
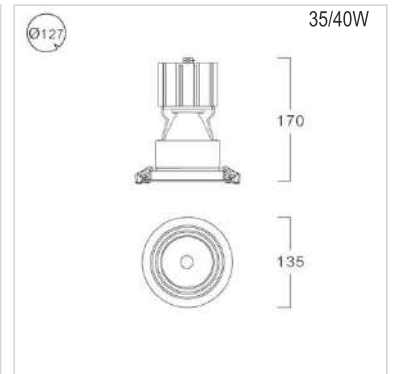
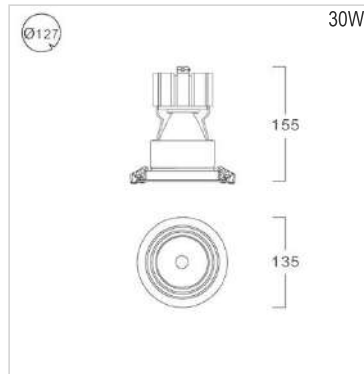
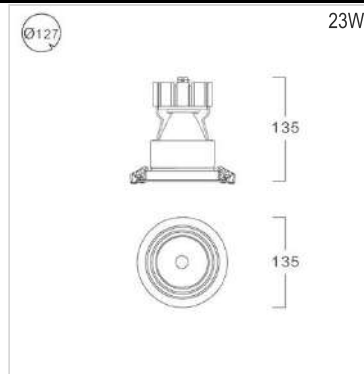
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	23/30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W

Remarks

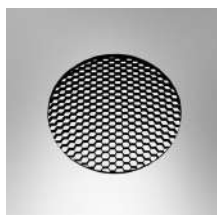
*Value at 24 Degree

Ordering Data

Model	Watt
RFL125D/E/WH-23LED	23W
RFL125D/E/WH-30LED	30W
RFL125D/E/WH-35LED	35W
RFL125D/E/WH-40LED	40W



Related Products



Honey comb



RAL150E-23/30/35/40W



RAL127D/E-23/30/35/40W



RSAL150D/E-1x23/30/35/40W

LED Recessed Downlight



TIS RFL87D/E

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

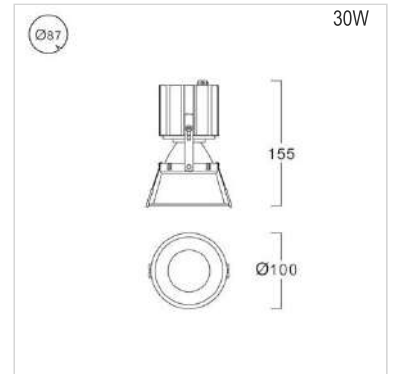
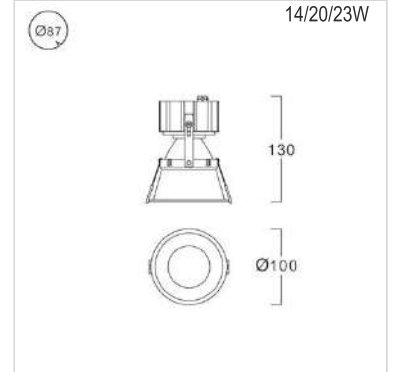
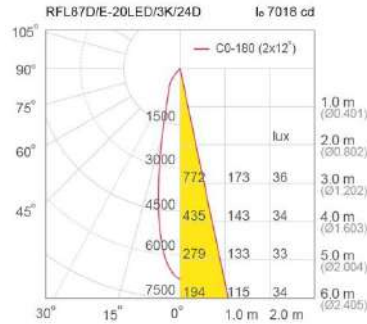
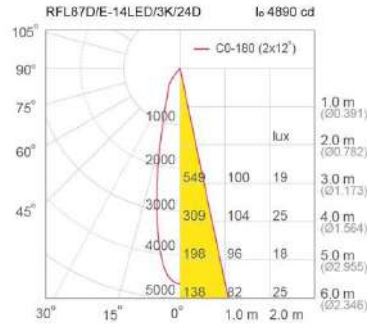
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	14/20/23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	14W : 1342/1449/1570 lm* 20W : 1854/2002/2169 lm* 23W : 2135/2305/2497 lm* 30W : 2914/3147/3351 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W 30W : MH 70W

Remarks

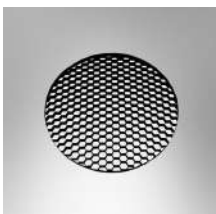
*Value at 24 Degree

Ordering Data

Model	Watt
RFL87D/E/WH-14LED	14W
RFL87D/E/WH-20LED	20W
RFL87D/E/WH-23LED	23W
RFL87D/E/WH-30LED	30W



Related Products



Honey comb



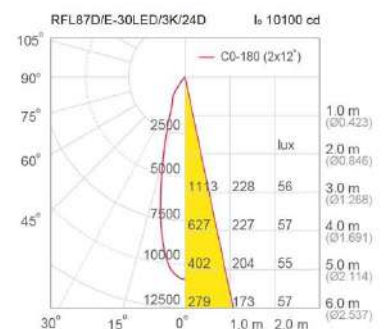
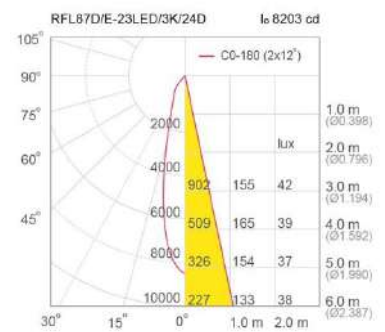
RAL107E-14/20/23/30W



RAL115E-14/20/23/30W



RFL100D/E-14/20/23/30W



LED Recessed Downlight



TIS RFL107D/E

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

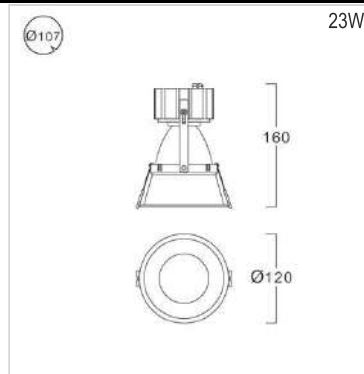
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	23/30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W

Remarks

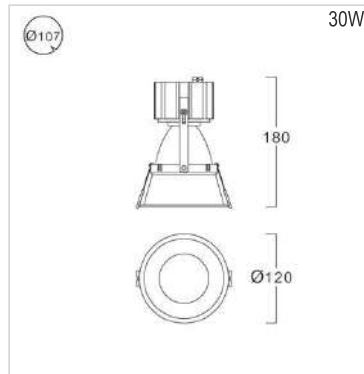
*Value at 24 Degree

Ordering Data

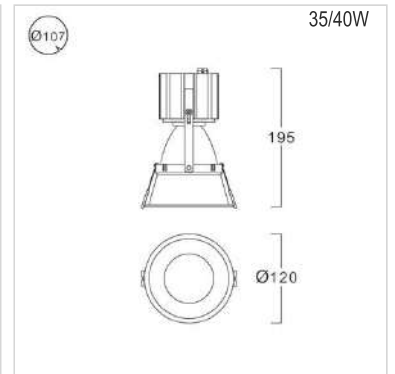
Model	Watt
RFL107D/E/WH-23LED	23W
RFL107D/E/WH-30LED	30W
RFL107D/E/WH-35LED	35W
RFL107D/E/WH-40LED	40W



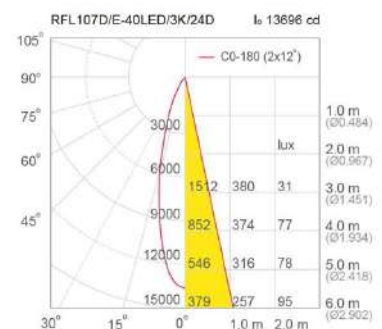
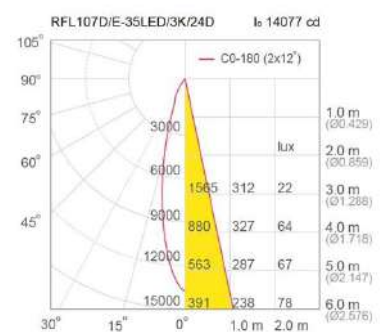
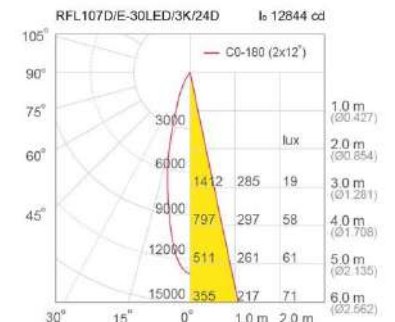
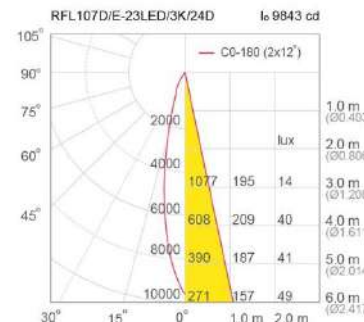
23W



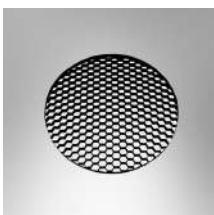
30W



35/40W



Related Products



Honey comb



RAL150E-23/30/35/40W



RSAL150E-1x23/30/35/40W



RSAL150D/E-1x23/30/35/40W

LED Recessed Downlight



RFL137D/E

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

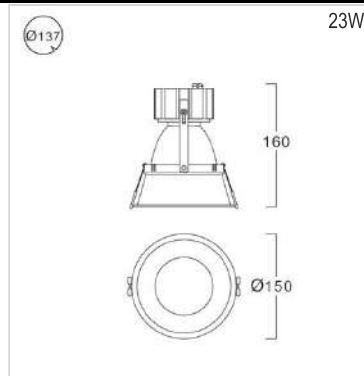
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	23/30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2035/2197/2381 lm* 30W : 2814/3039/3292 lm* 35W : 3144/3395/3678 lm* 40W : 3864/4172/4418 lm*
Beam Angle	14/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W

Remarks

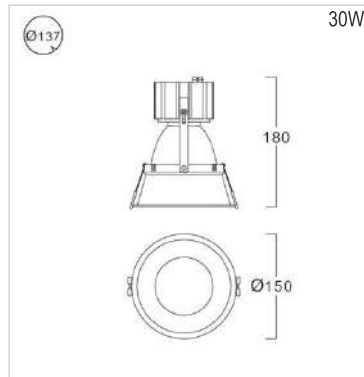
*Value at 24 Degree

Ordering Data

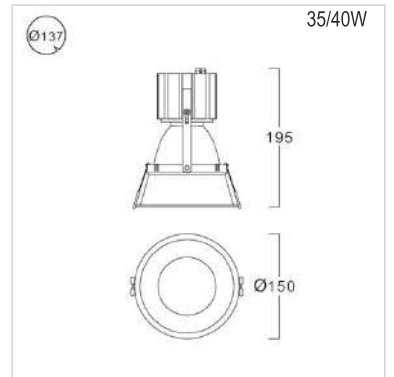
Model	Watt
RFL137D/E/WH-23LED	23W
RFL137D/E/WH-30LED	30W
RFL137D/E/WH-35LED	35W
RFL137D/E/WH-40LED	40W



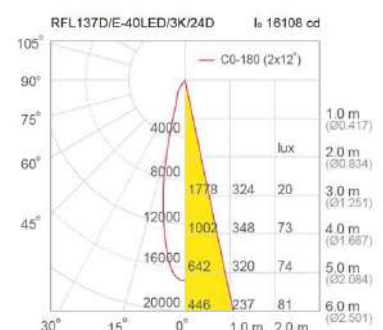
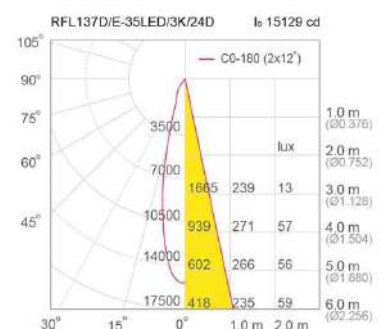
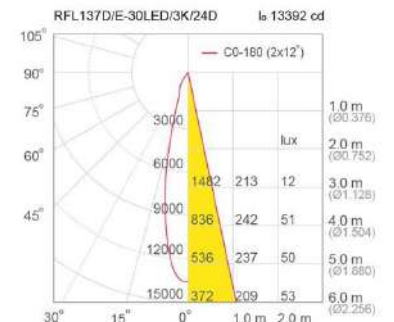
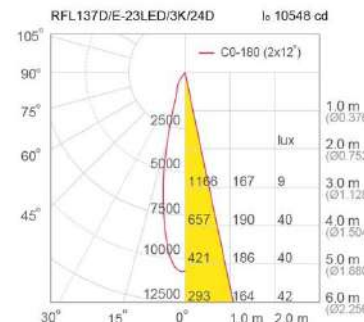
23W



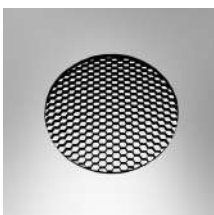
30W



35/40W



Related Products



Honey comb



RAL150E-23/30/35/40W



RSAL150E-1x23/30/35/40W



RSAL150D/E-1x23/30/35/40W

LED Recessed Downlight



TIS RAL45D

Application

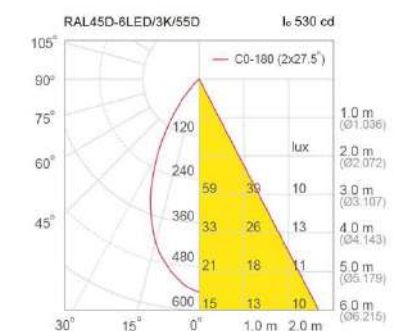
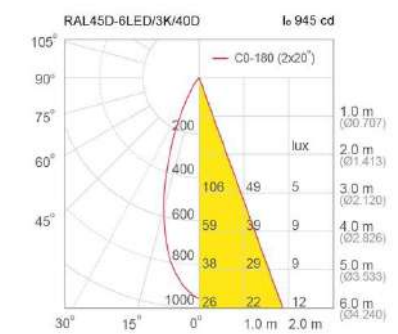
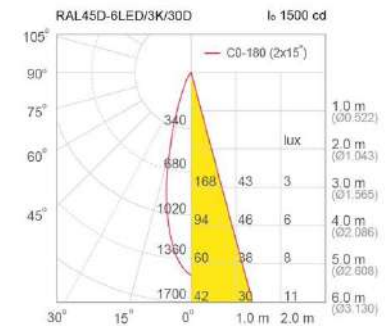
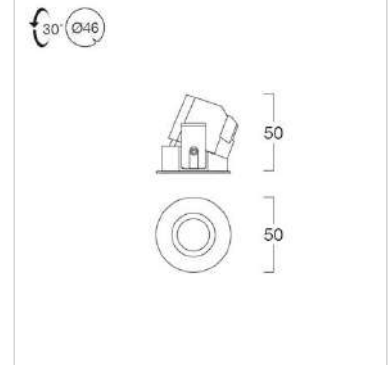
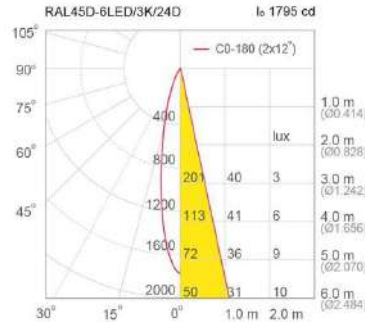
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	6W
Light Source	LED-Module
Colour Temperature	3000K
CRI	90
Luminaire Output	443 lm*
Beam Angle	24/30/40/55 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs.
Equivalent	MR11 20W
Remarks	*Value at 30 Degree

Ordering Data

Model	Watt
RAL45D/BK-6LED	6W
RAL45D/WH-6LED	6W



Related Products



RFL22D-2W



RFL32D-3W

LED Recessed Downlight



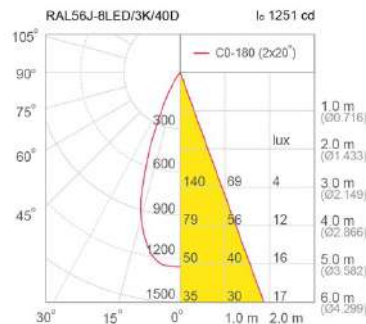
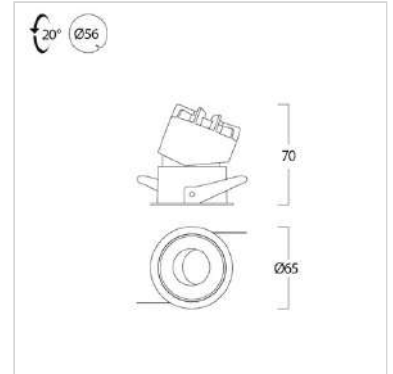
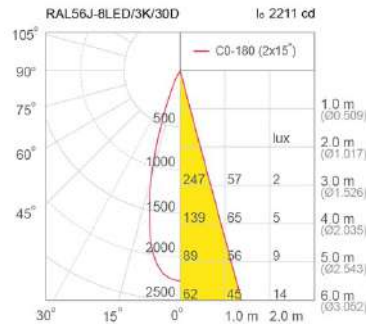
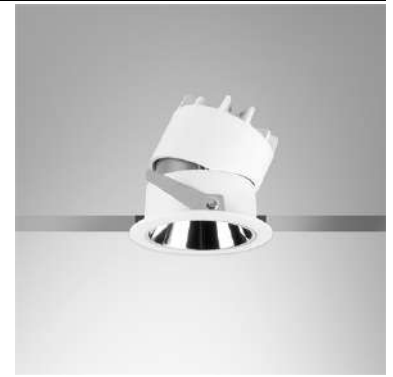
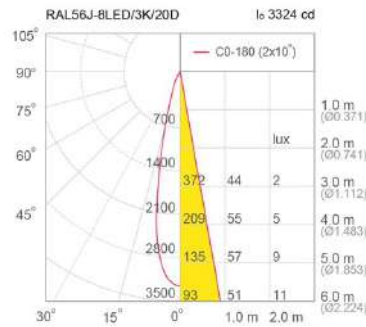
TIS RAL56J

Application

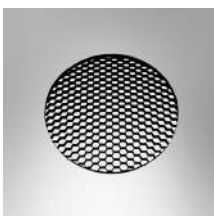
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

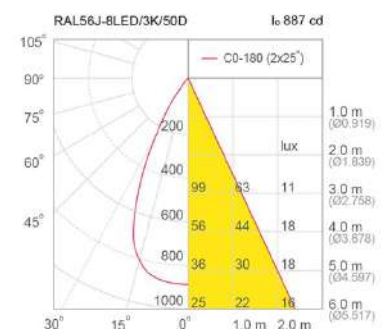
Housing	Die-cast aluminium
Description	Primary reflector : High quality lens 4 different secondary reflectors are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) Powder coated in white
Finishing	Recessed
Mounting	8W
Power	LED COB
Light Source	3000K/4000K
Colour Temperature	>90
CRI	797/849 lm
Lamp Output	604/640 lm *
Luminaire Output	20/30/40/50 Degree
Beam Angle	<19
UGR	Separate Driver
Control Gear	220-240VAC, 50Hz
Power Supply	>0.90
Power Factor	20
IP Rating	40,000 hrs
Luminaire Lifetime	* Value at 50 Degree
Remarks	** Tunable white 2.7-6K available as option



Related Products



Honey comb



LED Recessed Downlight



TIS RAL86J

Application

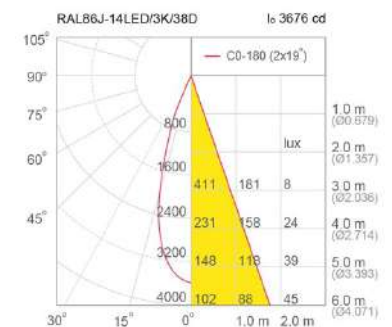
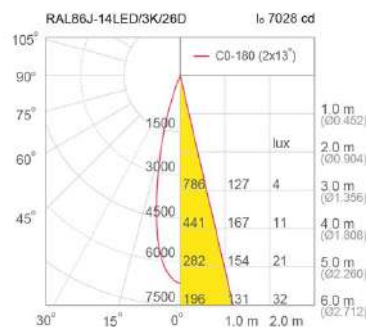
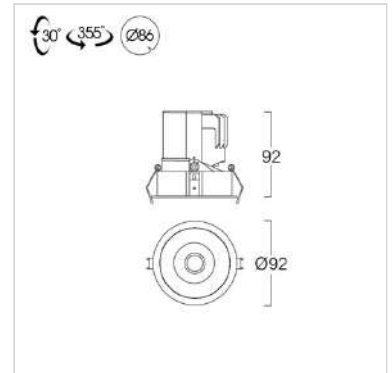
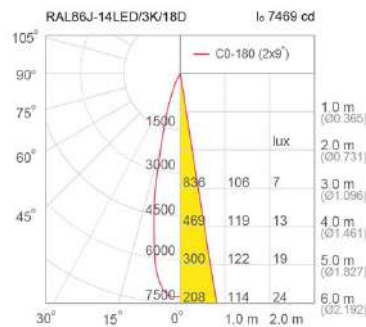
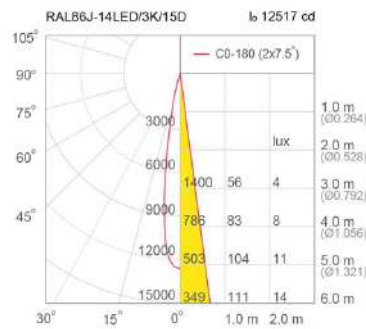
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

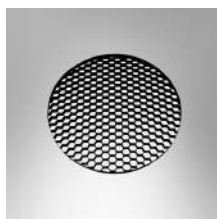
Housing	Die-cast aluminium
Description	Primary reflector : Vacuum aluminum plating PC/ High quality lens 4 different secondary reflectors are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	14/18W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 18W : 1980/2134/2320 lm *
Luminaire Output	14W : 1460/1562/1671 lm * 18W : 1808/1934/2069 lm *
Beam Angle	15/18/26/38/55 Degree
UGR	<19
Control Gear	Separate Driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Remarks	* Value at 38 Degree

Ordering Data

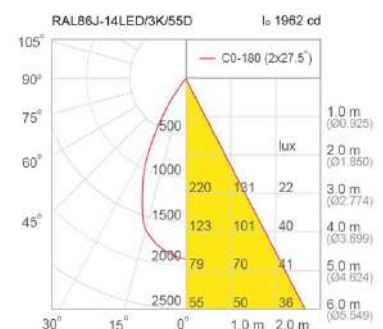
Model	Watt
RAL86J/MI/WH-14LED	14W
RAL86J/MI/WH-18LED	18W



Related Products



Honey comb



LED Recessed Downlight



TIS RAL102J

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum
Description	Primary reflector : Vacuum aluminum plating PC/ High quality lens 4 different secondary reflectors are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	14/20/23/27W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 27W : 3093/3340/3627 lm

Luminaire Output

14W :	1024/1095/1172 lm *
20W :	1907/2040/2183 lm **
23W :	2433/2603/2785 lm **
27W :	2797/2992/3202 lm **

Beam Angle

14W :	10/15/26/36/45/55 Degree
20/23/27W :	26/36/45/55 Degree

UGR

<19

Control Gear

Separate Driver

Power Supply

220-240VAC, 50Hz

Power Factor

>0.9

Insulation Class

I

IP Rating

20

Luminaire Lifetime

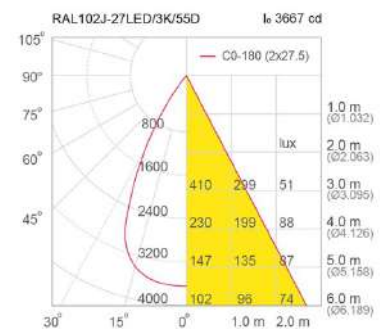
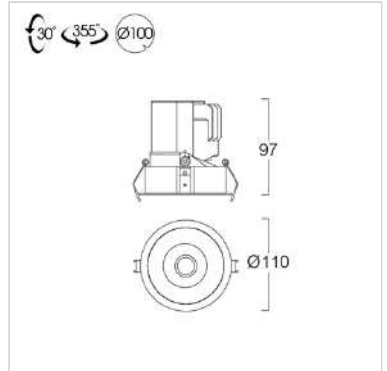
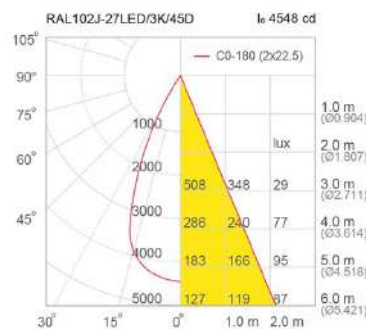
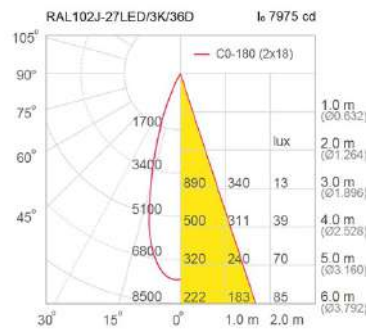
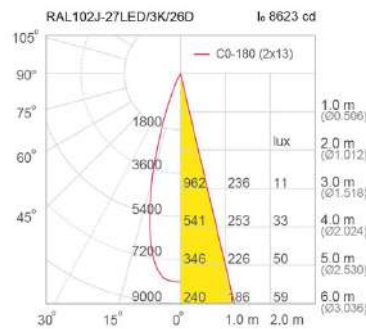
40,000 hrs

Remarks

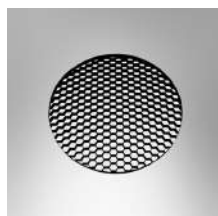
* Value at 15 Degree
** Value at 36 Degree

Ordering Data

Model	Watt
RAL102J/MI/WH-14LED	14W
RAL102J/MI/WH-20LED	20W
RAL102J/MI/WH-23LED	23W
RAL102J/MI/WH-27LED	27W



Related Products



Honey comb

LED Recessed Downlight



TIS RAL135J

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum
Description	Primary reflector : Vacuum aluminum plating PC. 4 different secondary reflectors are available for various applications MI (front reflector mirror chrome) WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) Powder coated in white Recessed 18/23/30/35/40W
Finishing	
Mounting	
Power	
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	18W : 2062/2226/2418 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4502/4581/5165 lm

Luminaire Output

18W : 1504/1609/1721 lm *
23W : 2014/2154/2305 lm **
30W : 2745/2937/3142 lm **
35W : 3055/3268/3497 lm **
40W : 3342/3575/3826 lm **

Beam Angle

18W : 10 Degree
23/30/35/40W : 18/26/38/50/65 Degree

UGR

<19

Control Gear

Separate Driver

Power Supply

220-240VAC, 50Hz

Power Factor

>0.9

Insulation Class

I

IP Rating

20

Luminaire Lifetime

40,000 hrs

Remarks

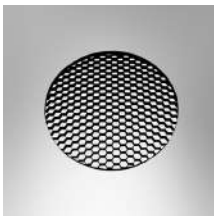
* Value at 10 Degree

** Value at 38 Degree

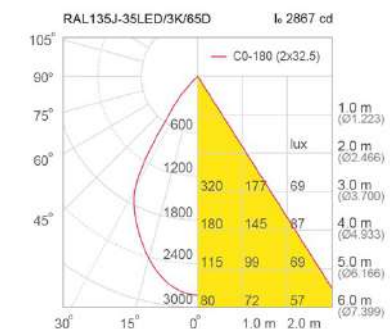
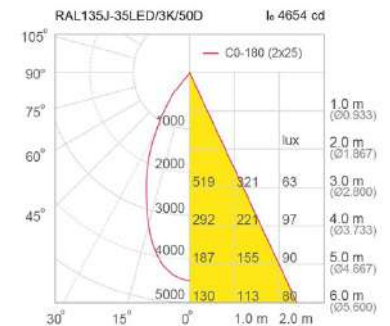
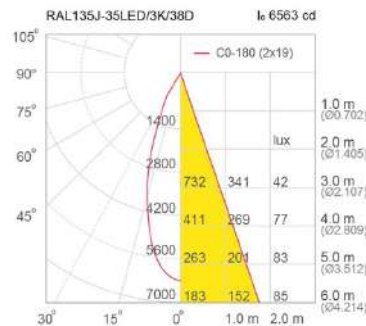
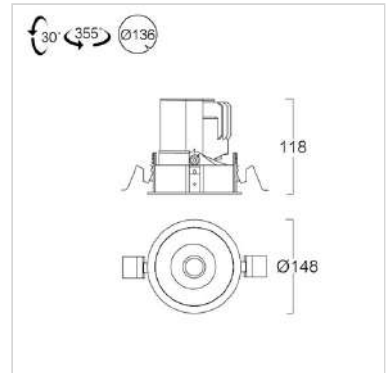
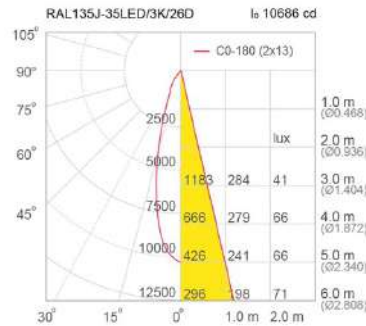
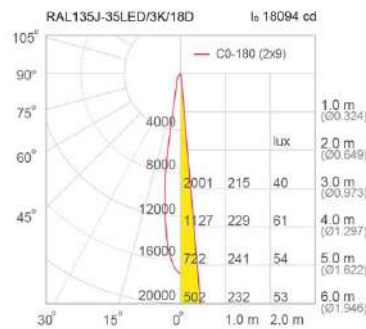
Ordering Data

Model	Watt
RAL135J/MI/WH-18LED	18W
RAL135J/MI/WH-23LED	23W
RAL135J/MI/WH-30LED	30W
RAL135J/MI/WH-35LED	35W
RAL135J/MI/WH-40LED	40W

Related Products



Honey comb



LED Recessed Downlight



TIS RAL176J

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum
Description	Primary reflector : Vacuum aluminum plating PC 4 different secondary reflectors are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	40/44/54/59W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	40W : 4502/4581/5165 lm 44W : 4952/5039/5682 lm 54W : 6078/6184/6973 lm 59W : 6640/6756/7618 lm

Luminaire Output

Beam Angle

UGR

Control Gear

Power Supply

Power Factor

Insulation Class

IP Rating

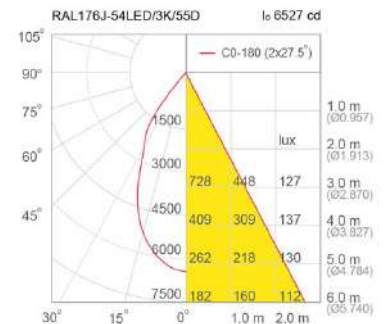
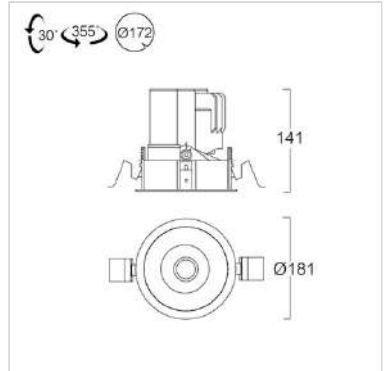
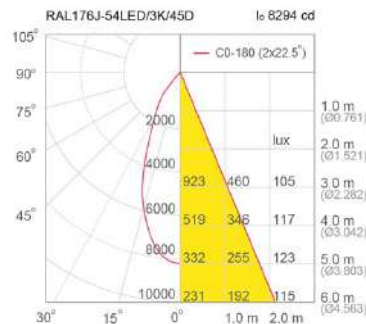
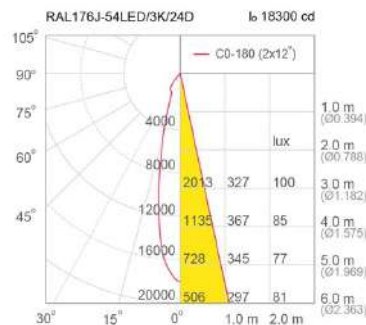
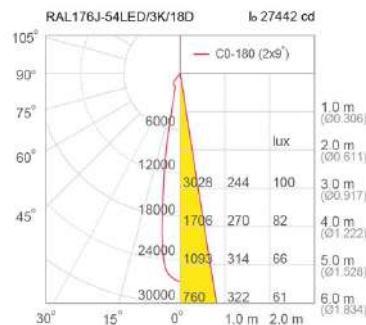
Luminaire Lifetime

Remarks

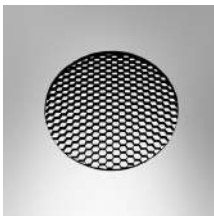
40W : 3922/4196/4490 lm *
44W : 4257/4555/4874 lm **
54W : 4784/5118/5477 lm **
59W : 5094/5450/5832 lm **
40W : 14 Degree
44/54/59W : 18/24/45/55 Degree
<19
Separate Driver
220-240VAC, 50Hz
>0.9
I
20
40,000 hrs
* Value at 14 Degree
** Value at 24 Degree

Ordering Data

Model	Watt
RAL176J/MI/WH-40LED	40W
RAL176J/MI/WH-44LED	44W
RAL176J/MI/WH-54LED	54W
RAL176J/MI/WH-59LED	59W



Related Products



Honey comb

LED Recessed Downlight



TIS RAL102J/T

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum Trimless
Description	Primary reflector : Vacuum aluminum plating PC/ High quality lens 4 different secondary reflectors are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	14/20/23/27W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 27W : 3093/3340/3627 lm

Luminaire Output

14W :	1024/1095/1172 lm *
20W :	1907/2040/2183 lm **
23W :	2433/2603/2785 lm **
27W :	2797/2992/3202 lm **

Beam Angle

14W :	10/15/26/36/45/55 Degree
20/23/27W :	26/36/45/55 Degree

UGR

<19

Control Gear

Separate Driver

Power Supply

220-240VAC, 50Hz

Power Factor

>0.9

Insulation Class

I

IP Rating

20

Luminaire Lifetime

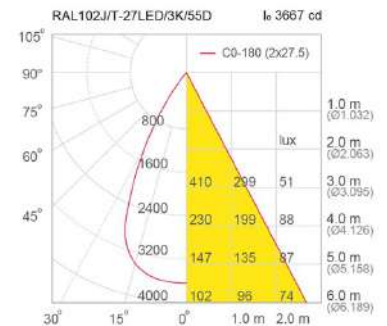
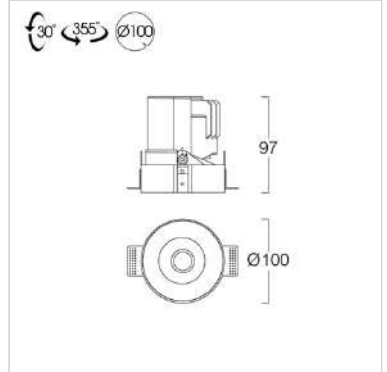
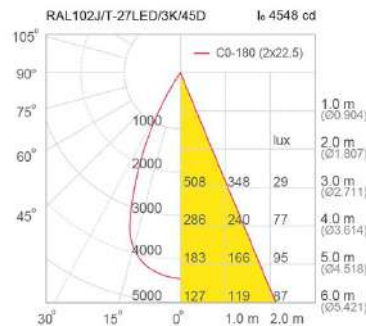
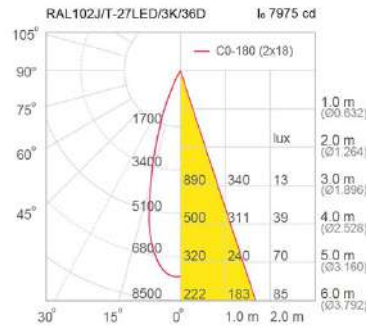
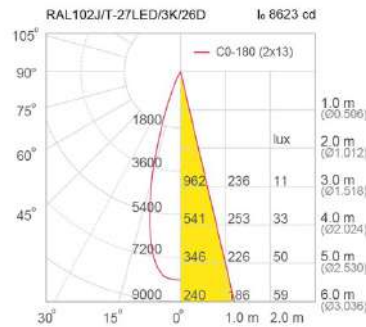
40,000 hrs

Remarks

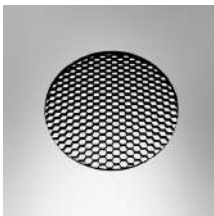
* Value at 15 Degree
** Value at 36 Degree

Ordering Data

Model	Watt
RAL102J/T/MI/WH-14LED	14W
RAL102J/T/MI/WH-20LED	20W
RAL102J/T/MI/WH-23LED	23W
RAL102J/T/MI/WH-27LED	27W



Related Products



Honey comb

LED Recessed Downlight



TIS RAL176J/T

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum Trimless
Description	Primary reflector : Vacuum aluminum plating PC 4 different secondary reflectors are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	40/44/54/59W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	40W : 4502/4581/5165 lm 44W : 4952/5039/5682 lm 54W : 6078/6184/6973 lm 59W : 6640/6756/7618 lm

Luminaire Output

Beam Angle

UGR

Control Gear

Power Supply

Power Factor

Insulation Class

IP Rating

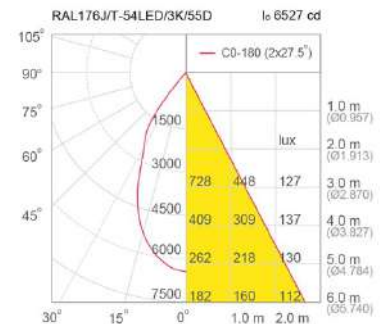
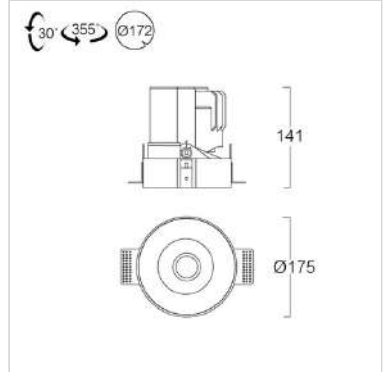
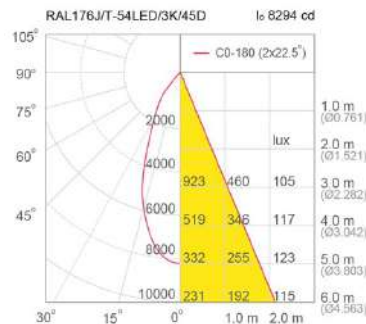
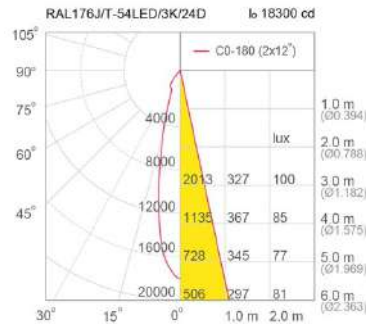
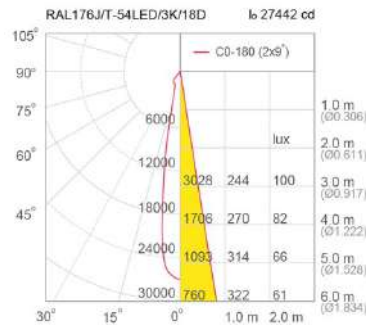
Luminaire Lifetime

Remarks

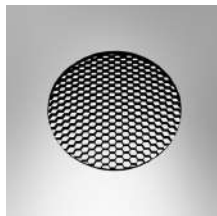
40W : 3922/4196/4490 lm *
44W : 4257/4555/4874 lm **
54W : 4784/5118/5477 lm **
59W : 5094/5450/5832 lm **
40W : 14 Degree
44/54/59W : 18/24/45/55 Degree
<19
Separate Driver
220-240VAC, 50Hz
>0.9
I
20
40,000 hrs
* Value at 14 Degree
** Value at 24 Degree

Ordering Data

Model	Watt
RAL176J/T/MI/WH-40LED	40W
RAL176J/T/MI/WH-44LED	44W
RAL176J/T/MI/WH-54LED	54W
RAL176J/T/MI/WH-59LED	59W



Related Products



Honey comb

LED Recessed Downlight



TIS RAL107E

Application

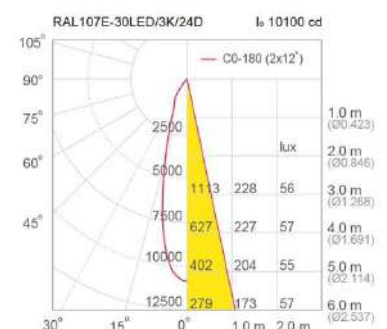
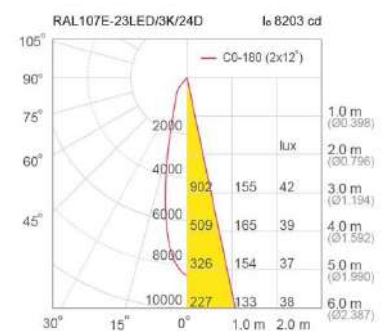
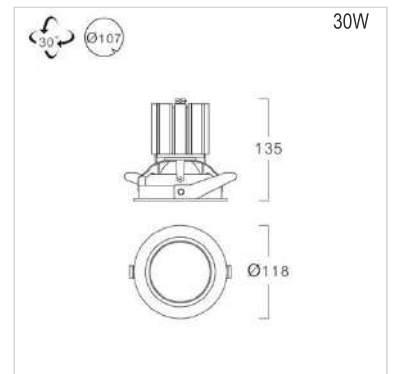
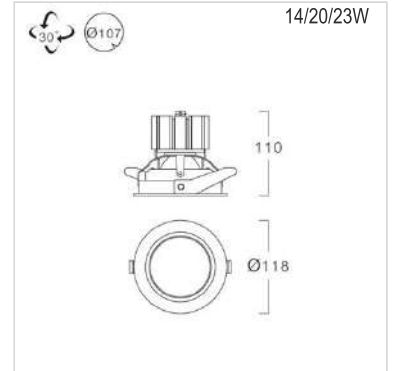
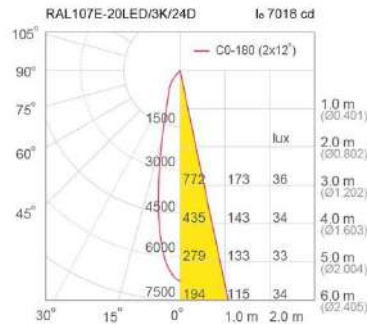
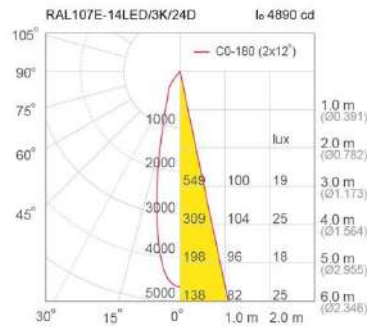
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

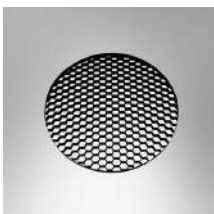
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	14/20/23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	14W : 1342/1449/1570 lm* 20W : 1854/2002/2169 lm* 23W : 2135/2305/2497 lm* 30W : 2914/3147/3351 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W 30W : MH 70W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL107E/WH-14LED	14W
RAL107E/WH-20LED	20W
RAL107E/WH-23LED	23W
RAL107E/WH-30LED	30W



Related Products



Honey comb



Hood



RAL115E-14/20/23/30W



RFL100D/E-14/20/23/30W

LED Recessed Downlight



TIS RAL107D/E

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

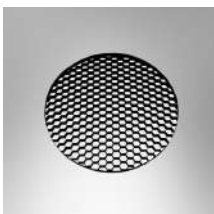
Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	14/20/23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	14W : 1342/1449/1570 lm* 20W : 1854/2002/2169 lm* 23W : 2135/2305/2497 lm* 30W : 2914/3147/3351 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W 30W : MH 70W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL107D/E/WH-14LED	14W
RAL107D/E/WH-20LED	20W
RAL107D/E/WH-23LED	23W
RAL107D/E/WH-30LED	30W

Related Products



Honey comb



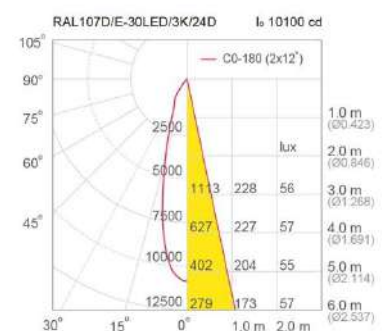
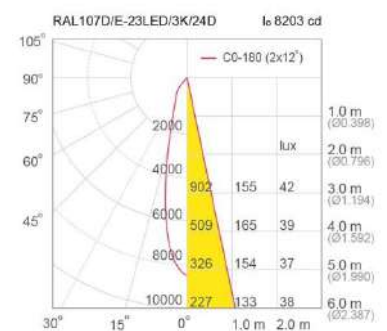
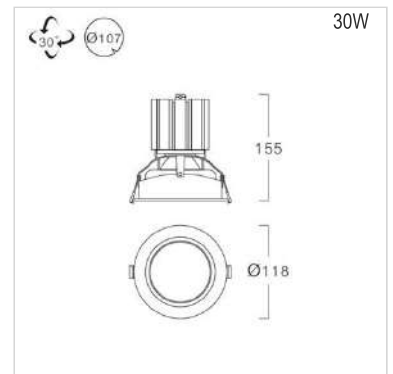
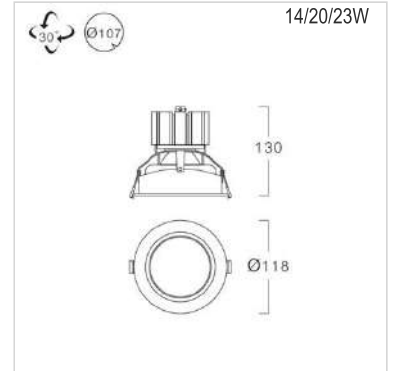
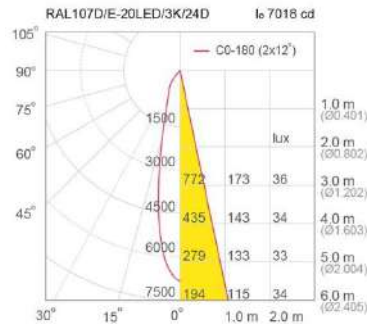
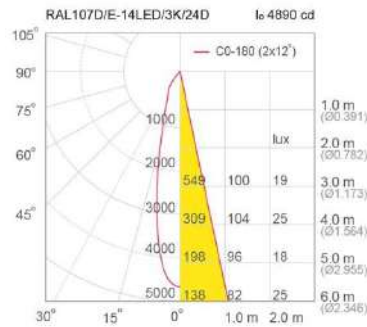
Hood



RAL107E-14/20/23/30W



RAL115E-14/20/23/30W



LED Recessed Downlight



TIS RAL127E

Application

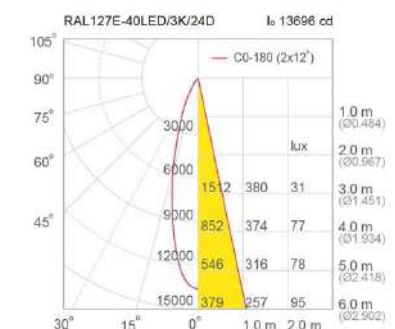
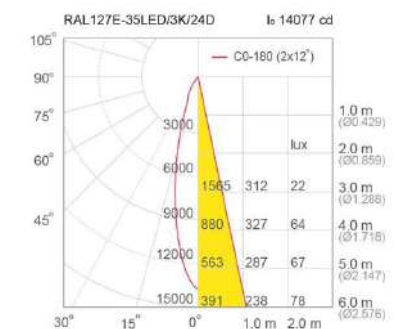
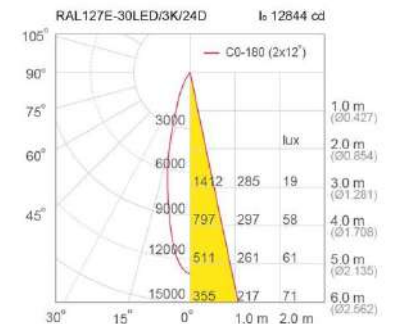
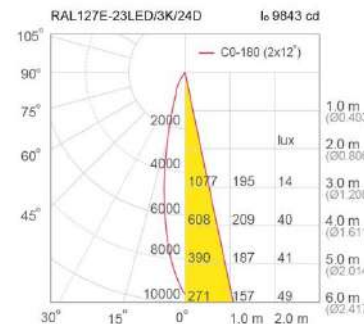
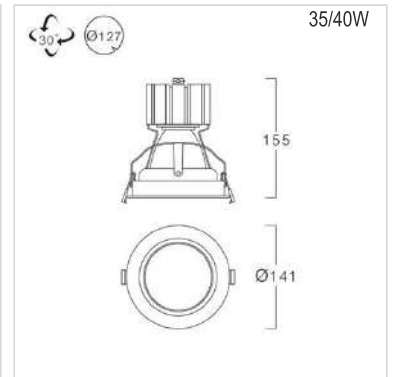
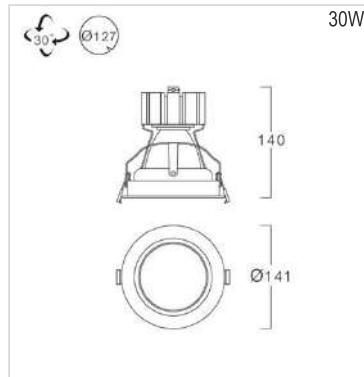
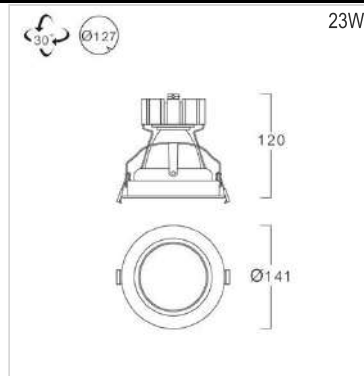
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

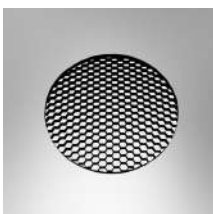
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	23/30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL127E/WH-23LED	23W
RAL127E/WH-30LED	30W
RAL127E/WH-35LED	35W
RAL127E/WH-40LED	40W



Related Products



Honey comb



Hood



RAL150E-23/30/35/40W



RAL127D/E-23/30/35/40W

LED Recessed Downlight



TIS RAL127D/E

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

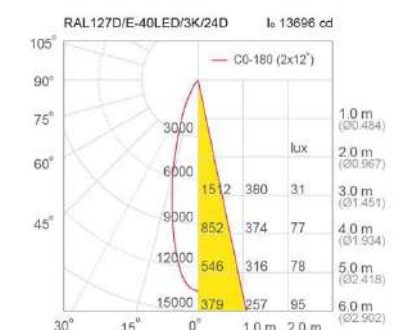
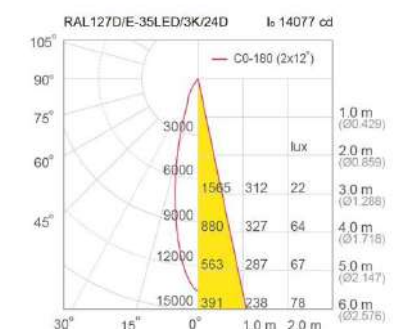
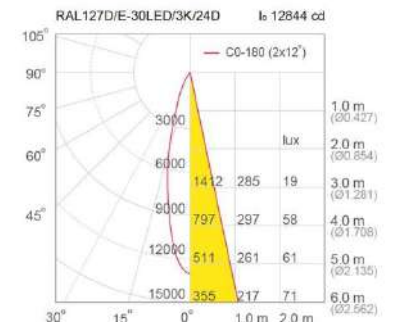
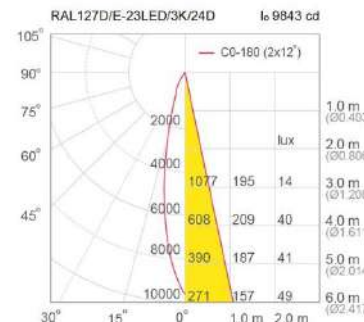
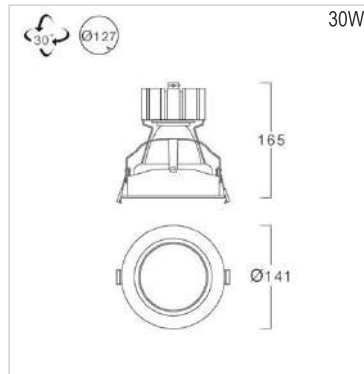
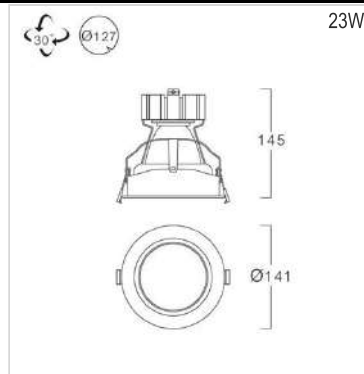
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	23/30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W

Remarks

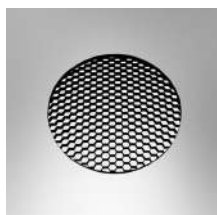
*Value at 24 Degree

Ordering Data

Model	Watt
RAL127D/E/WH-23LED	23W
RAL127D/E/WH-30LED	30W
RAL127D/E/WH-35LED	35W
RAL127D/E/WH-40LED	40W



Related Products



Honey comb



Hood



RAL150E-23/30/35/40W



RSAL150E-1x23/30/35/40W

LED Recessed Downlight



TIS RAL115E

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

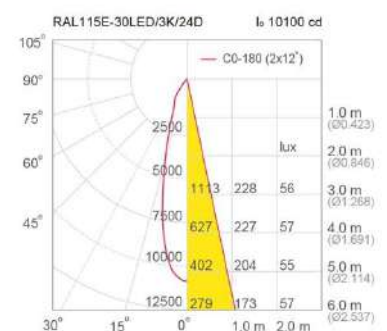
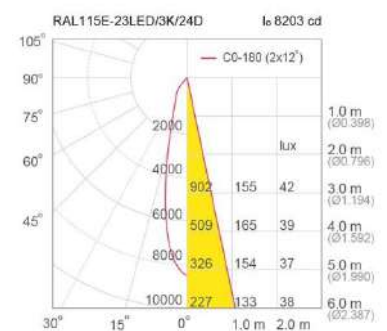
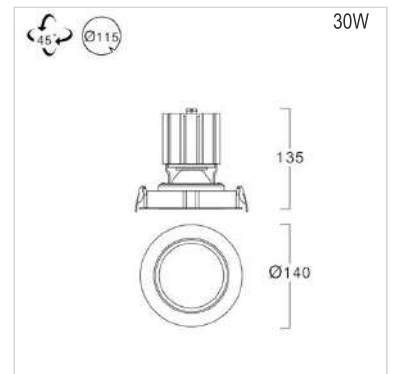
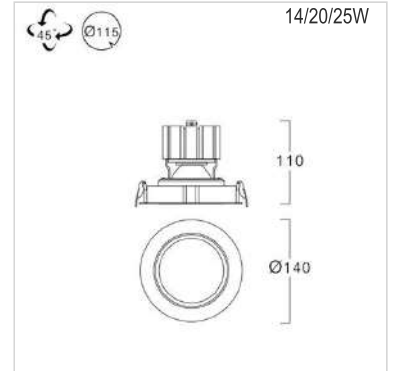
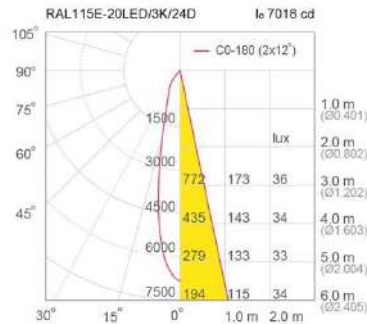
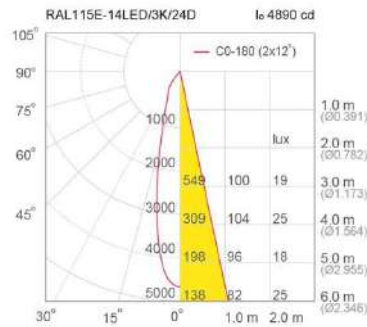
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	14/20/23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	14W : 1342/1449/1570 lm* 20W : 1854/2002/2169 lm* 23W : 2135/2305/2497 lm* 30W : 2914/3147/3351 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 25W : MH 35W 30W : MH 70W

Remarks

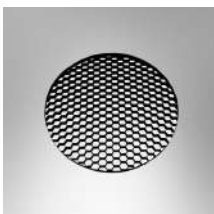
*Value at 24 Degree

Ordering Data

Model	Watt
RAL115E/WH-14LED	14W
RAL115E/WH-20LED	20W
RAL115E/WH-23LED	23W
RAL115E/WH-30LED	30W



Related Products



Honey comb



Hood



RAL107E-14/20/23/30W



RAL107D/E-14/20/23/30W

LED Recessed Downlight



TIS RAL150E

Application

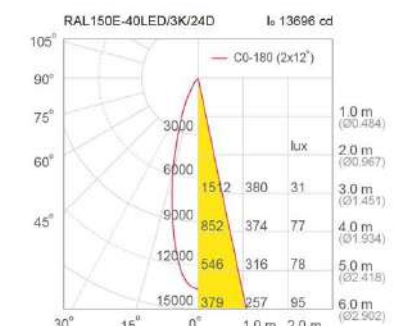
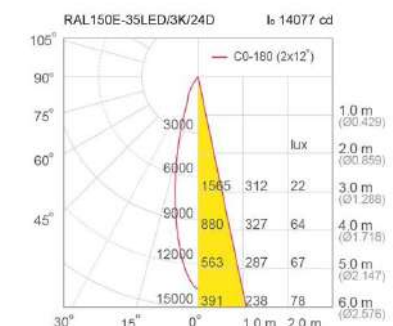
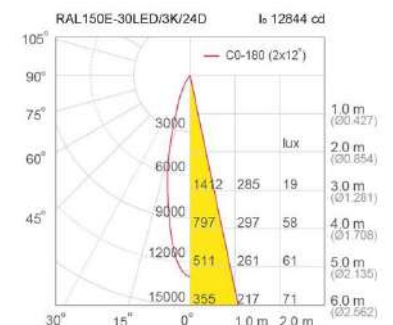
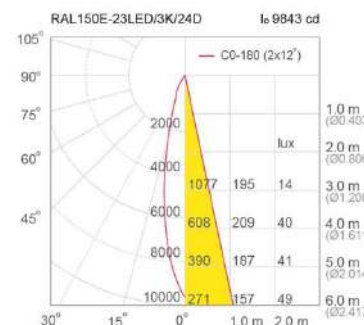
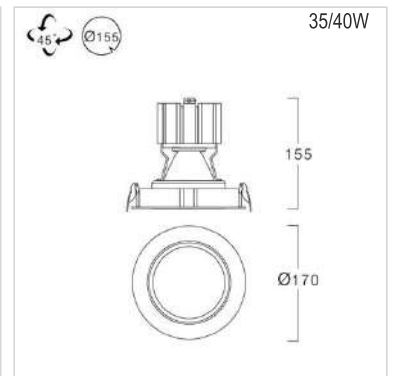
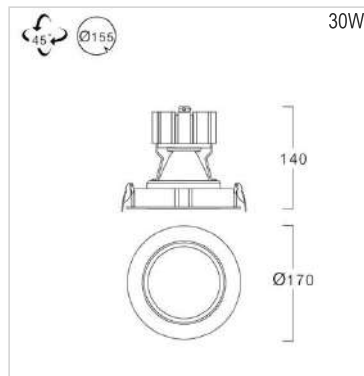
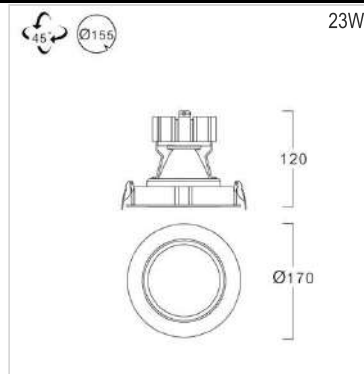
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	23/30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL150E/WH-23LED	23W
RAL150E/WH-30LED	30W
RAL150E/WH-35LED	35W
RAL150E/WH-40LED	40W



Related Products



LED Recessed Downlight



RWL91

Application

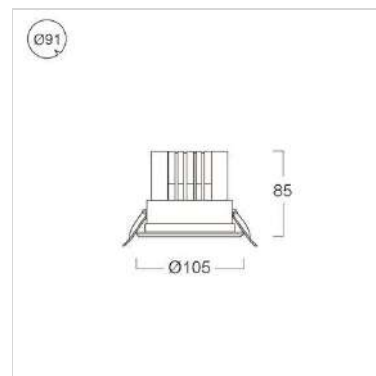
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Polyester powder coated
Lens	Wall washer lens
Mounting	Recessed
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
Luminaire Output	14W : 1120 lm 20W : 1600 lm
Control Gear	Separated driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.90
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W

Ordering Data

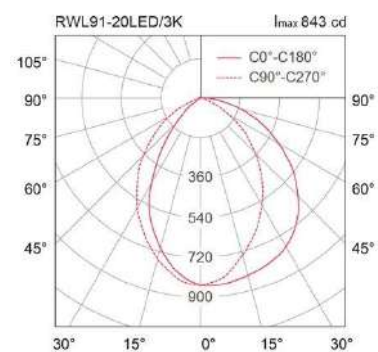
Model	Watt
RWL91/WH-14LED	14W
RWL91/WH-20LED	20W



Related Products



RWL120-23/27W



LED Recessed Downlight



RWL120

Application

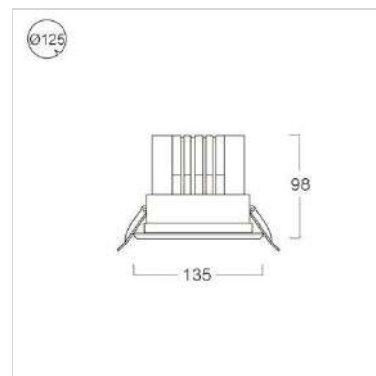
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Polyester powder coated
Lens	Wall washer lens
Mounting	Recessed
Power	23/27W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
Luminaire Output	23W : 1817 lm 27W : 2133 lm
Control Gear	Separated driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.90
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	23W : MH 35W 27W : MH 70W

Ordering Data

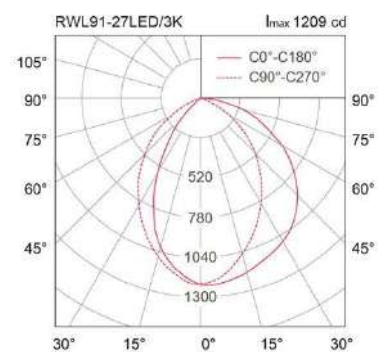
Model	Watt
RWL120/WH-23LED	23W
RWL120/WH-27LED	27W



Related Products



RWL91-14/20W



LED Recessed Square Downlight



ERSDL100

Application

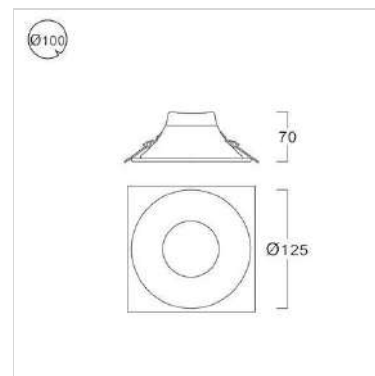
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	10/14W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	10W : 1120/1215/1290lm 14W : 1540/1660/1805lm
Luminaire Output	10W : 973/1051/1118 lm 14W : 1363/1472/1594 lm
Beam Angle	98 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	10W : CFL 18W 14W : CFL 26W

Ordering Data

Model	Watt
ERSDL100/WH-10LED	10W
ERSDL100/WH-14LED	14W



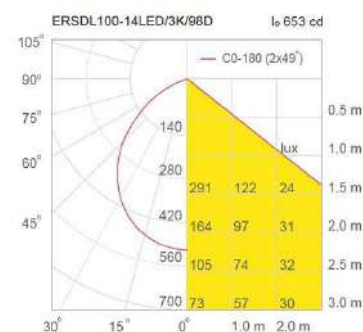
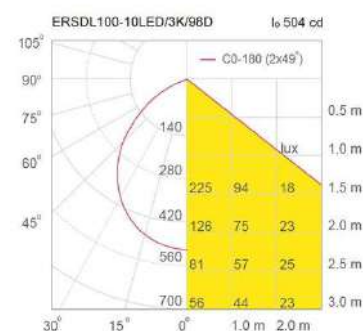
Related Products



ERSDL150-14/20W



ERSDL200-23/27W



LED Recessed Square Downlight



ERSDL150

Application

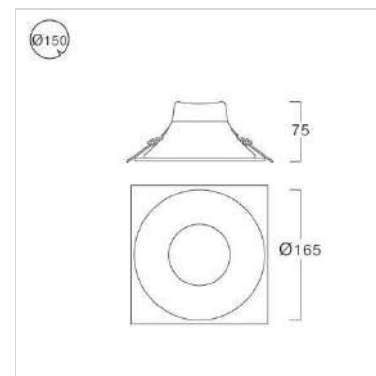
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

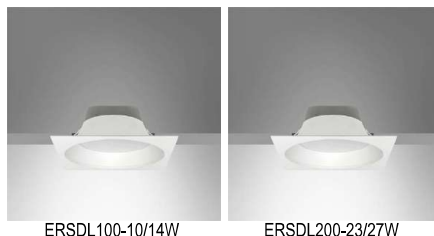
Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575lm
Luminaire Output	14W : 1361/1470/1592 lm 20W : 1860/2008/2176 lm
Beam Angle	98 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	14W : CFL 32W 20W : CFL 2x18W

Ordering Data

Model	Watt
ERSDL150/WH-14LED	14W
ERSDL150/WH-20LED	20W

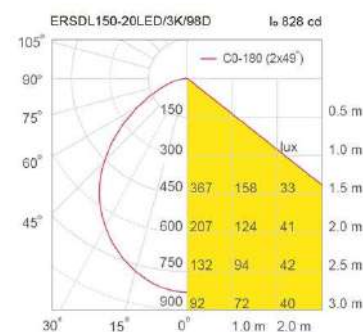
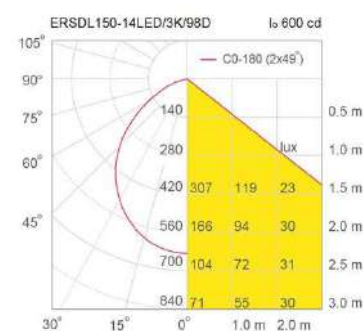


Related Products



ERSDL100-10/14W

ERSDL200-23/27W



LED Recessed Square Downlight



ERSDL200

Application

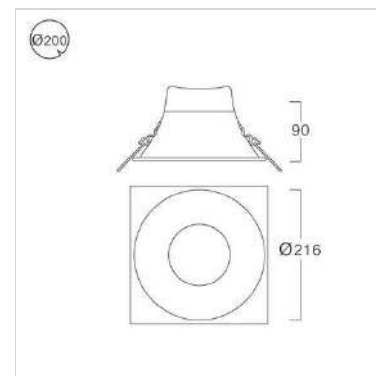
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

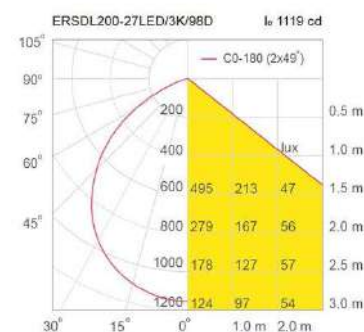
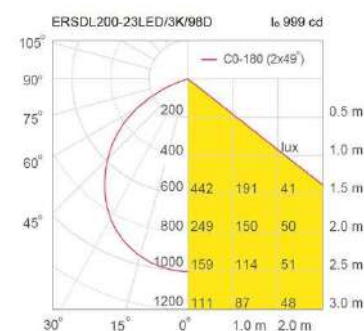
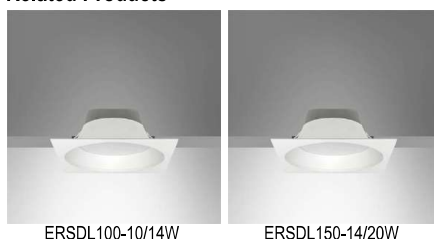
Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	23/27W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 27W : 3065/3300/3515 lm
Luminaire Output	23W : 2198/2373/2571 lm 27W : 2462/2658/2880 lm
Beam Angle	98 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	23W : CFL 2x26W 27W : CFL 2x32W

Ordering Data

Model	Watt
ERSDL200/WH-23LED	23W
ERSDL200/WH-27LED	27W



Related Products



LED Recessed Square Downlight



TIS RSDL100

Application

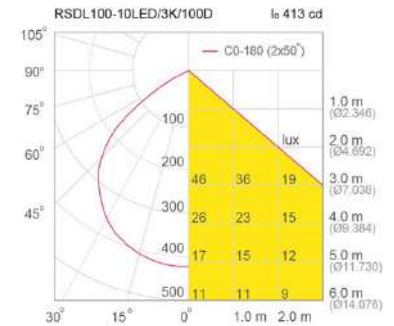
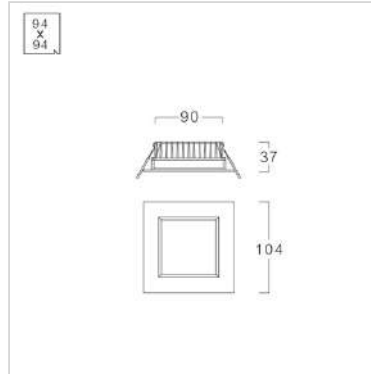
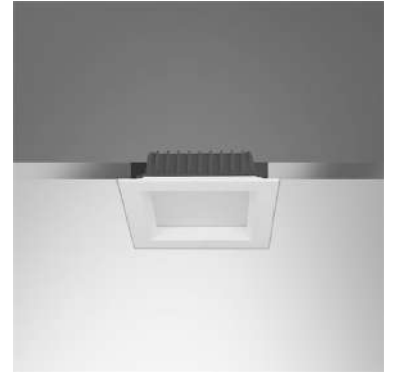
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed
Power	10W
Light Source	LED-MODULE
Colour Temperature	3000/4000/6500K
Lamp Output	1500/1625/1776 lm
Luminaire Output	996/1079/1179 lm
Beam Angle	100 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	CFL 18W

Ordering Data

Model	Watt
RSDL100/WH-10LED	10W



Related Products



RSDL130-14W



RSDL170-20W



RSDL210-25W

TIS RSDL130

Application

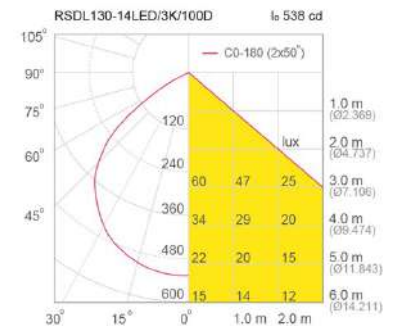
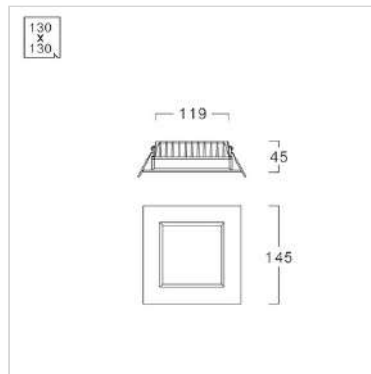
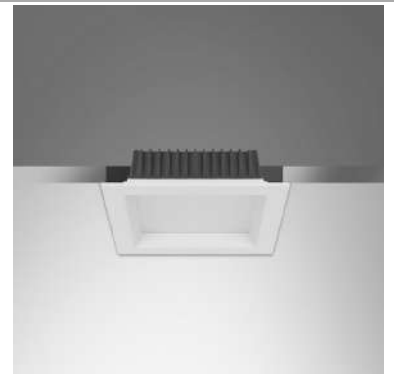
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed
Power	14W
Light Source	LED-MODULE
Colour Temperature	3000/4000/6500K
Lamp Output	1904/2064/2208 lm
Luminaire Output	1306/1415/1513 lm
Beam Angle	100 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	CFL 26W

Ordering Data

Model	Watt
RSDL130/WH-14LED	14W



Related Products



RSDL100-10W



RSDL170-20W



RSDL210-25W

LED Recessed Square Downlight



RSDL170

Application

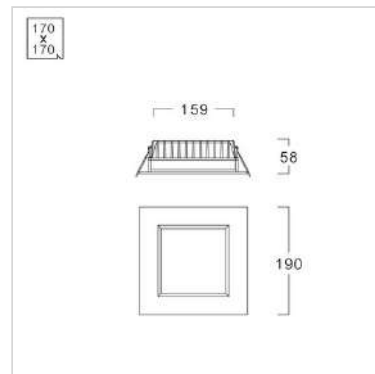
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed
Power	20W
Light Source	LED-MODULE
Colour Temperature	3000/4000/6500K
Lamp Output	2142/2322/2538 lm
Luminaire Output	1664/1803/1971 lm
Beam Angle	100 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	CFL 2x18W

Ordering Data

Model	Watt
RSDL170/WH-20LED	20W



Related Products



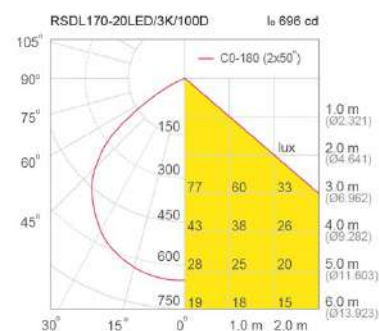
RSDL100-10W



RSDL130-14W



RSDL210-25W



LED Recessed Square Downlight



RSDL210

Application

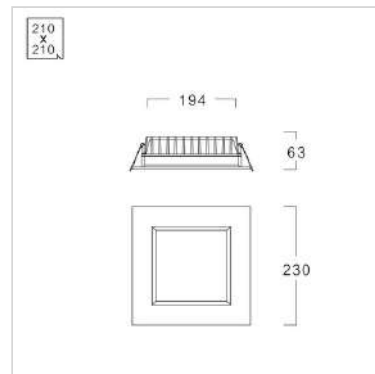
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed
Power	25W
Light Source	LED-MODULE
Colour Temperature	3000/4000/6500K
Lamp Output	2570/2786/3045 lm
Luminaire Output	2166/2348/2566 lm
Beam Angle	100 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	CFL 2x26W

Ordering Data

Model	Watt
RSDL210/WH-25LED	25W



Related Products



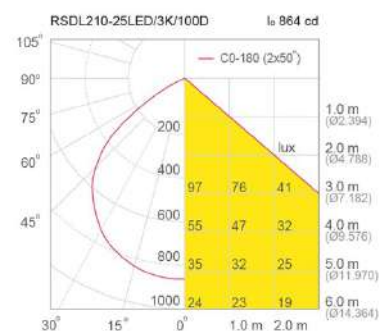
RSDL100-10W



RSDL130-14W



RSDL170-20W



LED Recessed Square Downlight



RSAL621

Application

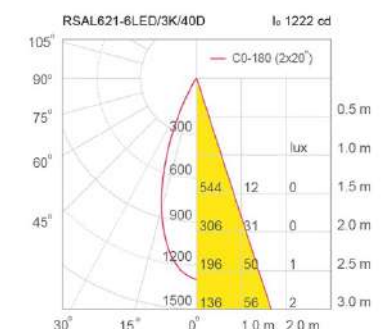
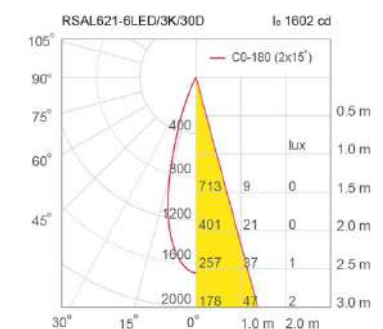
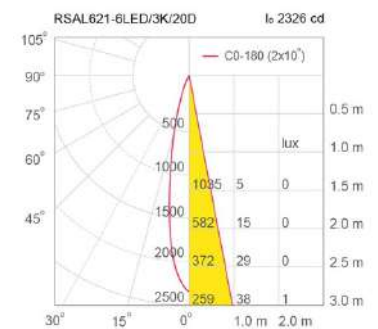
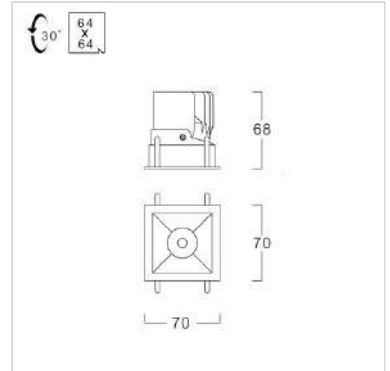
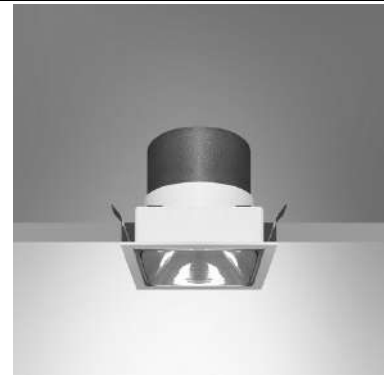
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Description	Vacuum aluminum
Finishing	Powder coated in white
Mounting	Recessed
Power	6W
Light Source	LED COB
Colour Temperature	3000K/4000K
CRI	>90
Lamp Output	744/803/870 lm
Luminaire Output	571/610/653 lm *
Beam Angle	20/30/40 Degree
Control Gear	Separate Driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	6W : MR16 35W
Remarks	* Value at 30 Degree

Ordering Data

Model	Watt
RSAL621/WH-6LED	6W



Related Products



RSAL721-8/10W

LED Recessed Square Downlight



RSAL721

Application

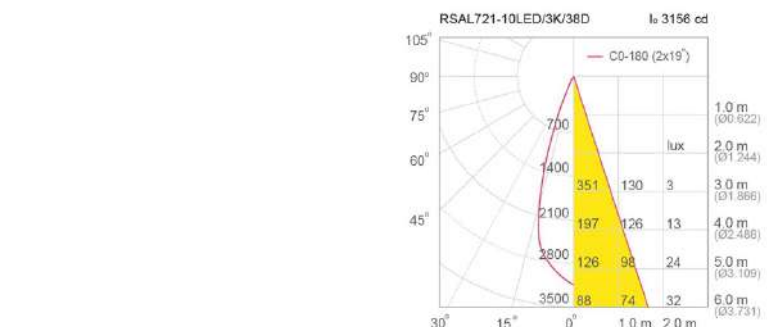
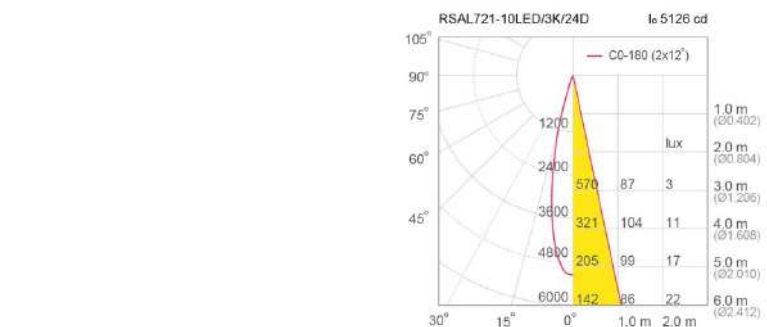
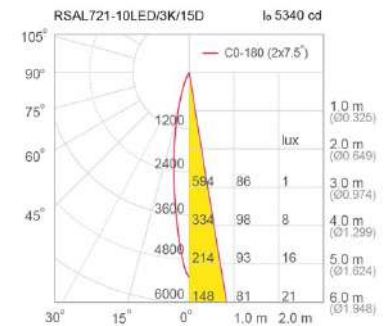
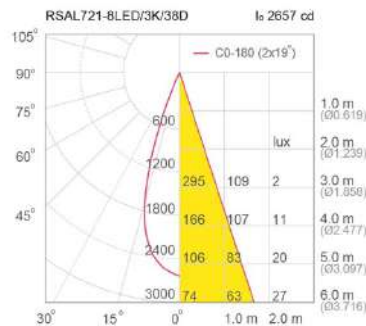
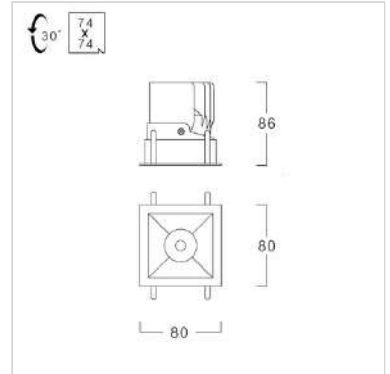
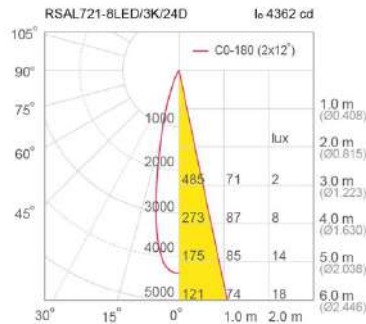
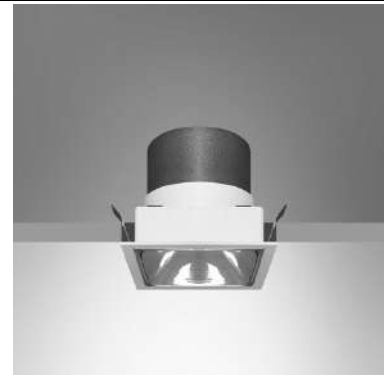
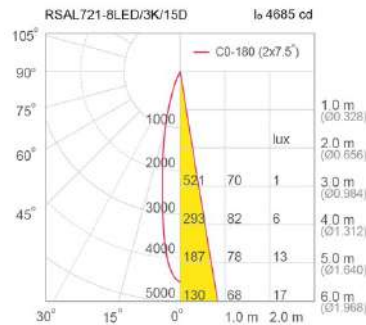
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Description	Vacuum aluminum
Finishing	Powder coated in white
Mounting	Recessed
Power	8/10W
Light Source	LED COB
Colour Temperature	3000K/4000K
CRI	>90
Lamp Output	8W : 992/1071/1160 lm 10W : 1240/1339/1450 lm 8W : 899/970/1051 lm * 10W : 1071/1156/1253 lm *
Luminaire Output	
Beam Angle	15/24/38 Degree
Control Gear	Separate Driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	8W : MR16 35W 10W : MR16 50W
Remarks	* Value at 24 Degree

Ordering Data

Model	Watt
RSAL721/WH-8LED	8W
RSAL721/WH-10LED	10W



Related Products



RSAL621-6W

LED Recessed Square Downlight



RSAL86J

Application

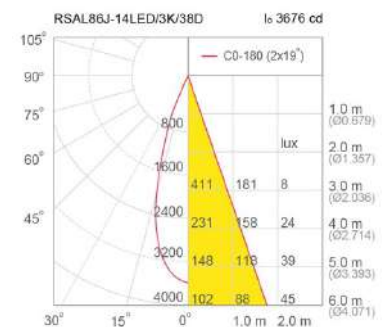
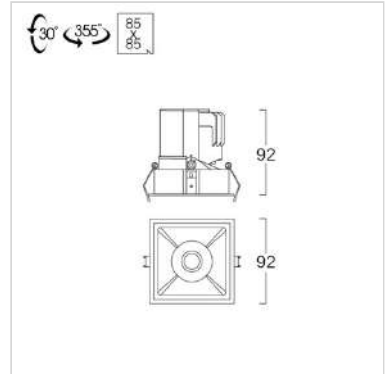
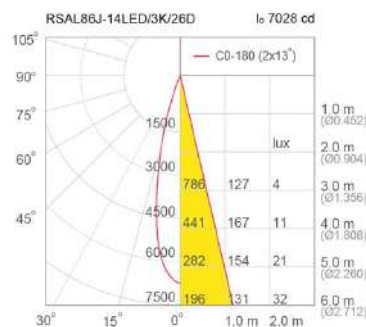
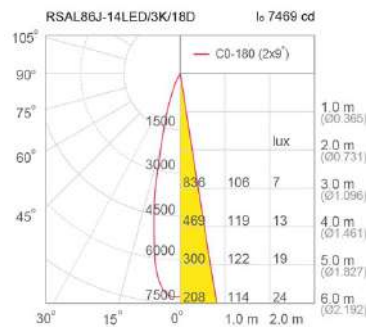
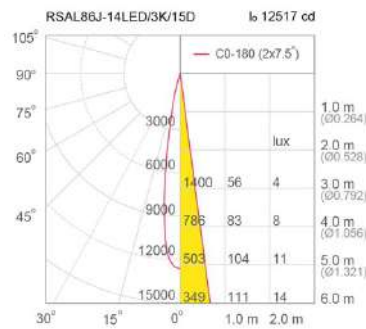
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

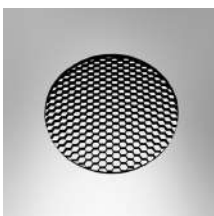
Housing	Die-cast aluminium
Description	Primary reflector : Vacuum aluminum plating PC/ High quality lens 4 different secondary reflectors are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	14/18W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 18W : 1980/2134/2320 lm *
Luminaire Output	14W : 1460/1562/1671 lm * 18W : 1808/1934/2069 lm *
Beam Angle	15/18/26/38/55 Degree
UGR	<19
Control Gear	Separate Driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Remarks	* Value at 38 Degree

Ordering Data

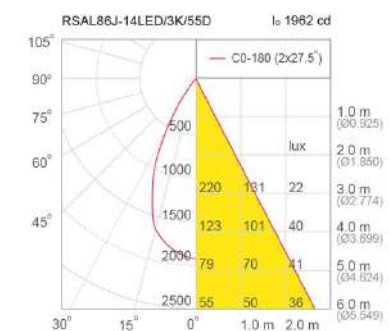
Model	Watt
RSAL86J/MI/WH-14LED	14W
RSAL86J/MI/WH-18LED	18W



Related Products



Honey comb



LED Recessed Square Downlight



RSAL102J

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing Die-cast Aluminum
Description Primary reflector : Vacuum aluminum plating PC/ High quality lens
 4 different secondary reflectors are available for various applications
 WR (front reflector white)
 BR (front reflector black)
 MB (front reflector mirror black)
 MI (front reflector mirror chrome)

Finishing

Mounting

Power

Light Source

Colour Temperature

CRI

Lamp Output

Luminaire Output

Beam Angle

UGR

Control Gear

Power Supply

Power Factor

Insulation Class

IP Rating

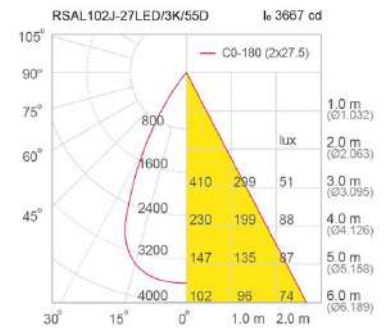
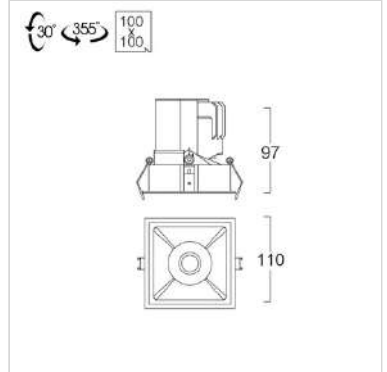
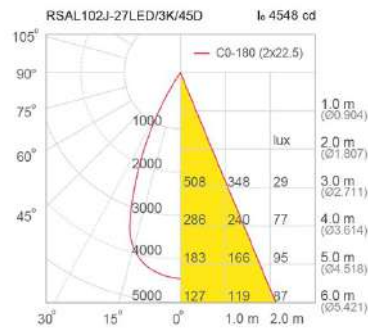
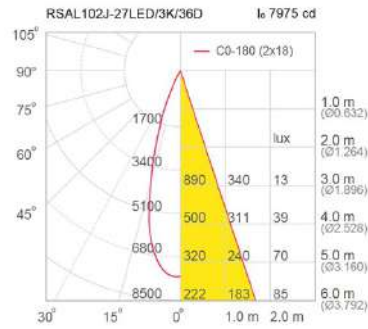
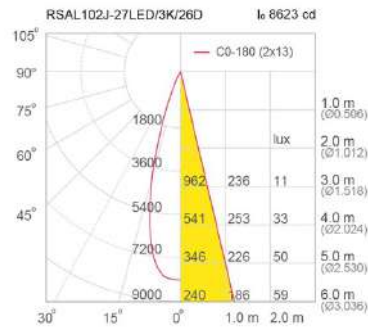
Luminaire Lifetime

Remarks

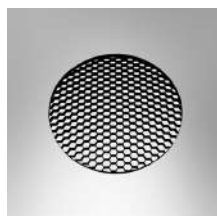
Recessed
 14/20/23/27W
 LED COB
 3000K/4000K/5000K
 >90/ >90/ >80
 14W : 1540/1660/1805 lm
 20W : 2200/2370/2575 lm
 23W : 2635/2845/3090 lm
 27W : 3093/3340/3627 lm
 14W : 1024/1095/1172 lm *
 20W : 1907/2040/2183 lm **
 23W : 2433/2603/2785 lm **
 27W : 2797/2992/3202 lm **
 14W : 10/15/26/36/45/55 Degree
 20/23/27W : 26/36/45/55 Degree
 <19
 Separate Driver
 220-240VAC, 50Hz
 >0.9
 I
 20
 40,000 hrs
 * Value at 15 Degree
 ** Value at 36 Degree

Ordering Data

Model	Watt
RSAL102J/MI/WH-14LED	14W
RSAL102J/MI/WH-20LED	20W
RSAL102J/MI/WH-23LED	23W
RSAL102J/MI/WH-27LED	27W



Related Products



Honey comb

LED Recessed Square Downlight



RSAL135J

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum
Description	Primary reflector : Vacuum aluminum plating PC 4 different secondary reflectors are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)

Finishing

Mounting

Power

Light Source

Colour Temperature

CRI

Lamp Output

Luminaire Output

Beam Angle

UGR

Control Gear

Power Supply

Power Factor

Insulation Class

IP Rating

Luminaire Lifetime

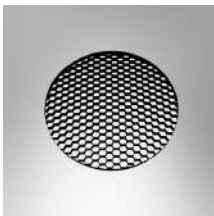
Remarks

Powder coated in white
Recessed
18/23/30/35/40W
LED COB
3000K/4000K/5000K
>90/ >90/ >80
18W : 2062/2226/2418 lm
23W : 2635/2845/3090 lm
30W : 3500/3770/4015 lm
35W : 3940/4245/4520 lm
40W : 4502/4581/5165 lm
18W : 1504/1609/1721 lm *
23W : 2014/2154/2305 lm **
30W : 2745/2937/3142 lm **
35W : 3055/3268/3497 lm **
40W : 3342/3575/3826 lm **
18W : 10 Degree
23/30/35/40W : 18/26/38/50/65 Degree
<19
Separate Driver
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>0.9
I
20
40,000 hrs
* Value at 10 Degree
** Value at 38 Degree

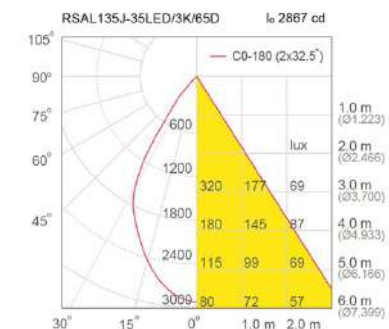
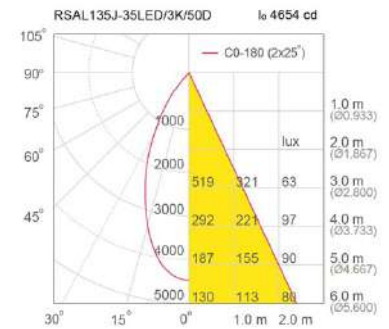
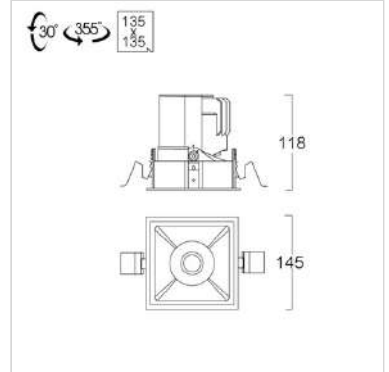
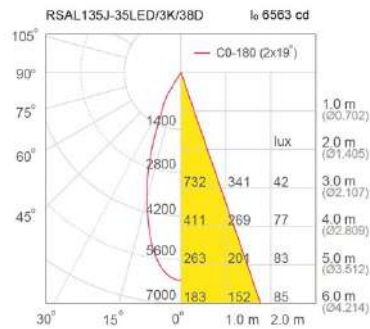
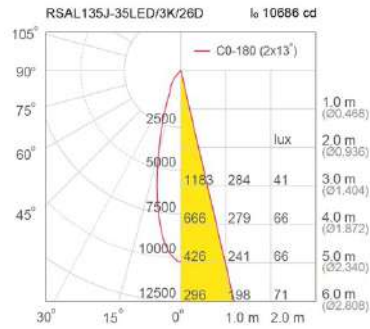
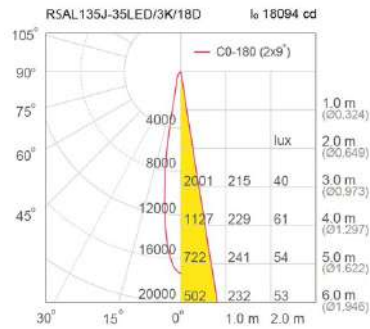
Ordering Data

Model	Watt
RSAL135J/MI/WH-18LED	18W
RSAL135J/MI/WH-23LED	23W
RSAL135J/MI/WH-30LED	30W
RSAL135J/MI/WH-35LED	35W
RSAL135J/MI/WH-40LED	40W

Related Products



Honey comb



LED Recessed Square Downlight



RSAL176J

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast Aluminum
Description	Primary reflector : Vacuum aluminum plating PC 4 different secondary reflectors are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	40/44/54/59W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	40W : 4502/4581/5165 lm 44W : 4952/5039/5682 lm 54W : 6078/6184/6973 lm 59W : 6640/6756/7618 lm

Luminaire Output

40W : 3922/4196/4490 lm *
44W : 4257/4555/4874 lm **
54W : 4784/5118/5477 lm **
59W : 5094/5450/5832 lm **
40W : 14 Degree
44/54/59W : 18/24/45/55 Degree

Beam Angle

UGR

<19

Control Gear

Separate Driver

Power Supply

220-240VAC, 50Hz

Power Factor

>0.9

Insulation Class

I

IP Rating

20

Luminaire Lifetime

40,000 hrs

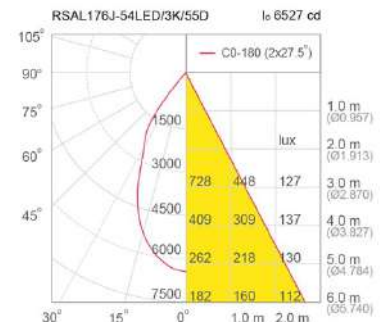
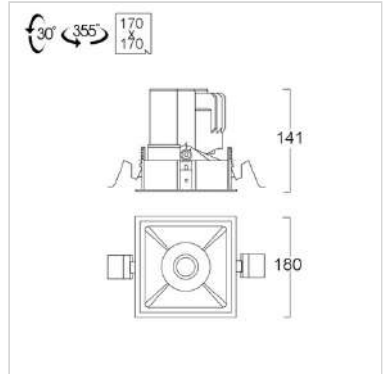
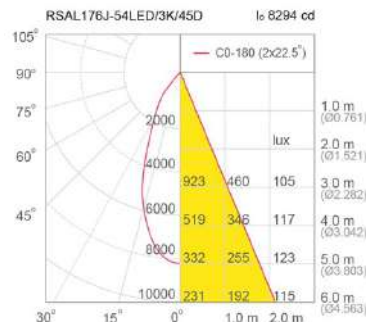
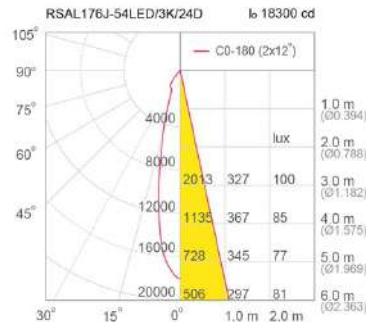
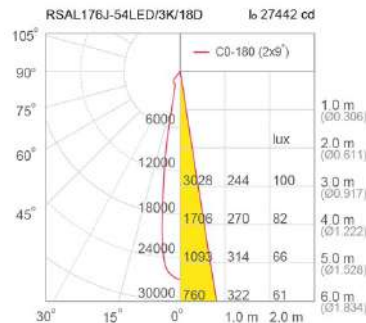
Remarks

* Value at 14 Degree

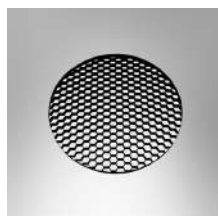
** Value at 24 Degree

Ordering Data

Model	Watt
RSAL176J/MI/WH-40LED	40W
RSAL176J/MI/WH-44LED	44W
RSAL176J/MI/WH-54LED	54W
RSAL176J/MI/WH-59LED	59W



Related Products



Honey comb

LED Recessed Square Downlight



RSAL102J/T

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing Die-cast Aluminum Trimless
Description Primary reflector : Vacuum aluminum plating PC/ High quality lens
 4 different secondary reflectors are available for various applications
 WR (front reflector white)
 BR (front reflector black)
 MB (front reflector mirror black)
 MI (front reflector mirror chrome)

Finishing

Powder coated in white

Mounting Recessed

Power 14/20/23/27W

Light Source LED COB

Colour Temperature 3000K/4000K/5000K

CRI >90/ >90/ >80

Lamp Output 14W : 1540/1660/1805 lm

20W : 2200/2370/2575 lm

23W : 2635/2845/3090 lm

27W : 3093/3340/3627 lm

Luminaire Output 14W : 1024/1095/1172 lm *

20W : 1907/2040/2183 lm **

23W : 2433/2603/2785 lm **

27W : 2797/2992/3202 lm **

Beam Angle 14W : 10/15/26/36/45/55 Degree

20/23/27W : 26/36/45/55 Degree

UGR <19

Control Gear Separate Driver

Power Supply 220-240VAC, 50Hz

Power Factor >0.9

Insulation Class I

IP Rating 20

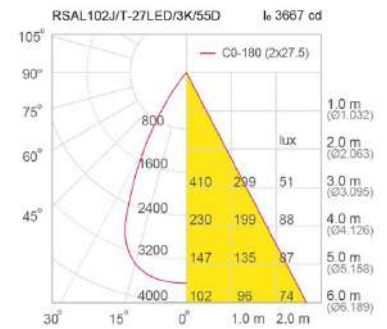
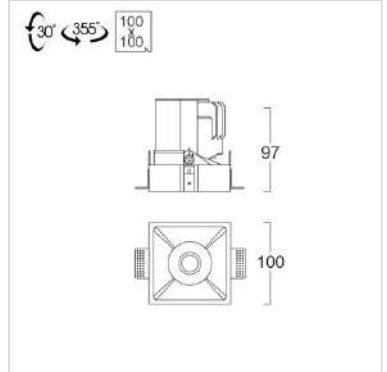
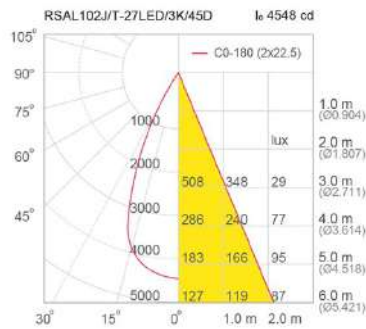
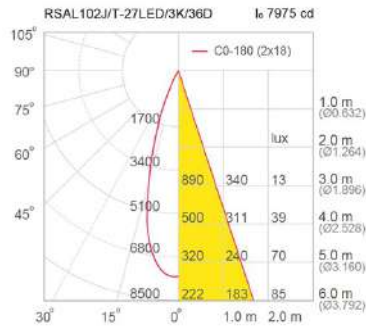
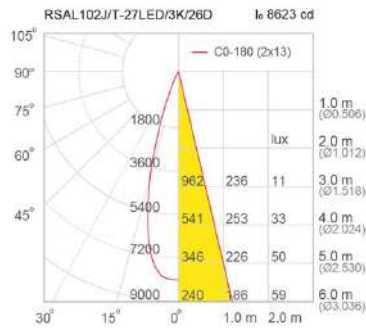
Luminaire Lifetime 40,000 hrs

Remarks * Value at 15 Degree

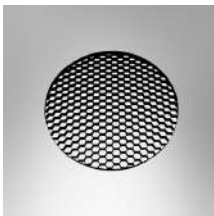
** Value at 36 Degree

Ordering Data

Model	Watt
RSAL102J/T/MI/WH-14LED	14W
RSAL102J/T/MI/WH-20LED	20W
RSAL102J/T/MI/WH-23LED	23W
RSAL102J/T/MI/WH-27LED	27W



Related Products



Honey comb

LED Recessed Square Downlight



RSAL176J/T

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing Die-cast Aluminum Trimless
Description Primary reflector : Vacuum aluminum plating PC
 4 different secondary reflectors are available for various applications
 WR (front reflector white)
 BR (front reflector black)
 MB (front reflector mirror black)
 MI (front reflector mirror chrome)

Finishing

Powder coated in white

Mounting

Recessed

Power

40/44/54/59W

Light Source

LED COB

Colour Temperature 3000K/4000K/5000K

CRI >90/ >90/ >80

Lamp Output

40W : 4502/4581/5165 lm

44W : 4952/5039/5682 lm

54W : 6078/6184/6973 lm

59W : 6640/6756/7618 lm

40W : 3922/4196/4490 lm *

44W : 4257/4555/4874 lm **

54W : 4784/5118/5477 lm **

59W : 5094/5450/5832 lm **

40W : 14 Degree

44/54/59W : 18/24/45/55 Degree

UGR <19

Control Gear Separate Driver

Power Supply 220-240VAC, 50Hz

Power Factor >0.9

Insulation Class I

IP Rating 20

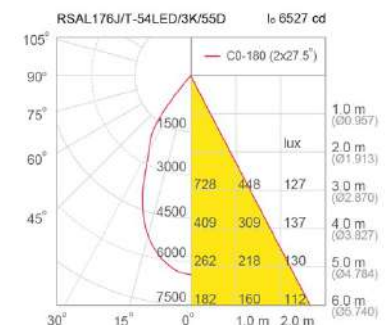
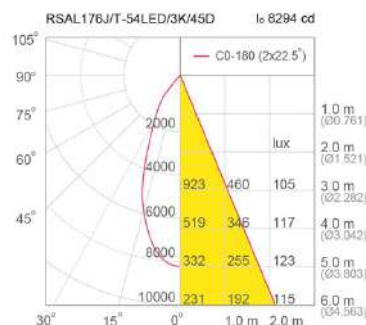
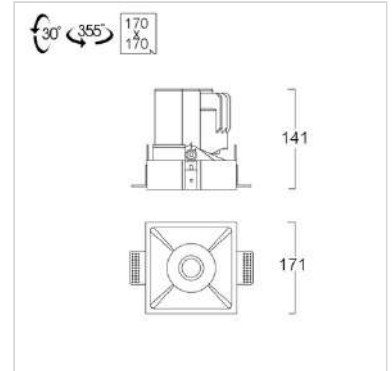
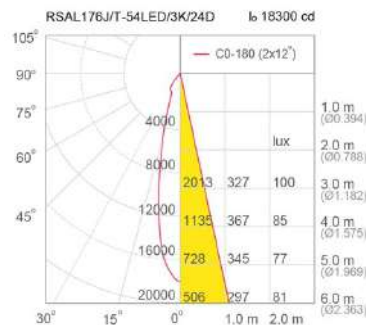
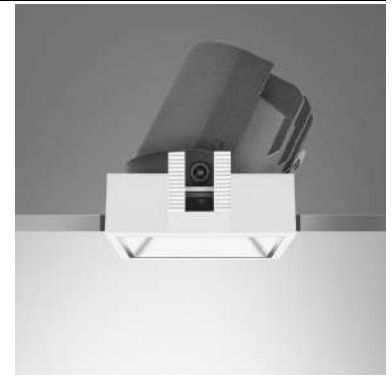
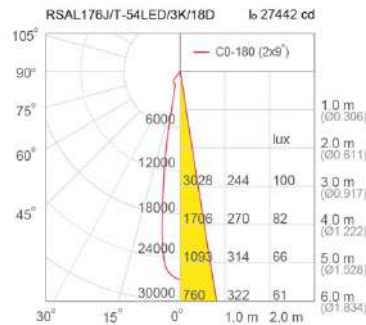
Luminaire Lifetime 40,000 hrs

Remarks * Value at 14 Degree

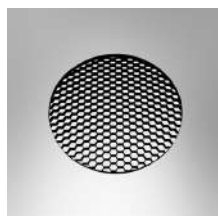
** Value at 24 Degree

Ordering Data

Model	Watt
RSAL176J/T/MI/WH-40LED	40W
RSAL176J/T/MI/WH-44LED	44W
RSAL176J/T/MI/WH-54LED	54W
RSAL176J/T/MI/WH-59LED	59W



Related Products



Honey comb

LED Multi-Recessed Downlight



RSAM76J

Application

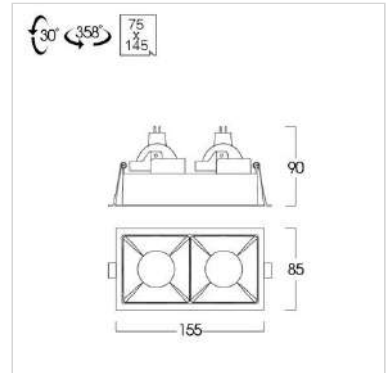
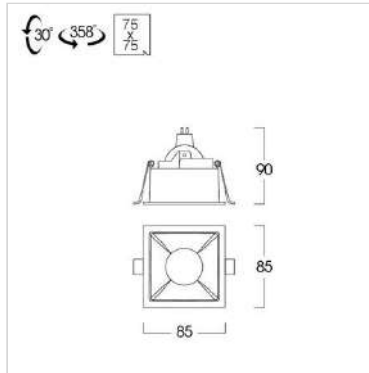
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

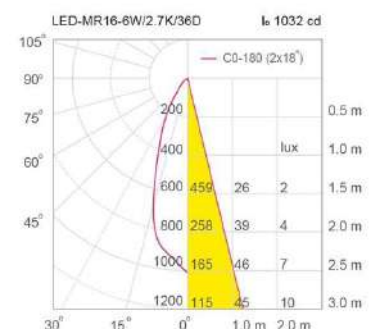
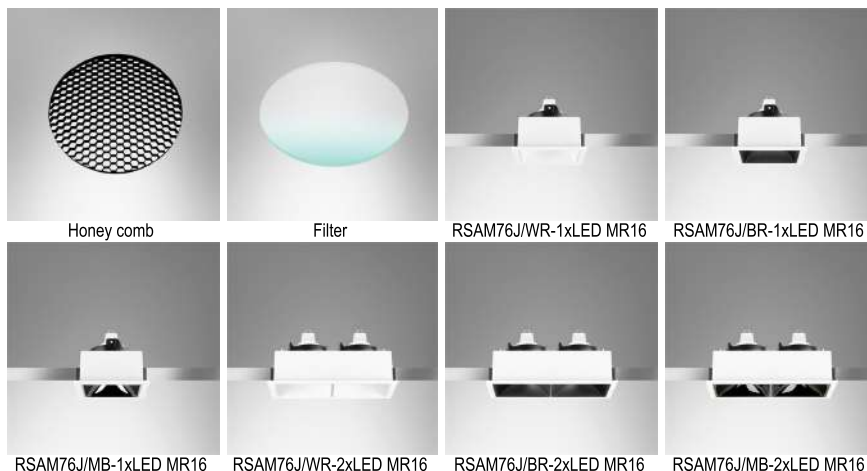
Housing	Die-cast aluminium
Description	4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) Powder Coated in white
Finishing	Recessed
Mounting	1x4-8W (1 lamp) 2x4-8W (2 lamps)
Power	LED-MR16 GX5.3
Light Source	2700-6500K
Lamp Holder	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Colour Temperature	Separate magnetic or electronic transformer
Lamp Output	220VAC, 50Hz (Magnetic transformer) 220-240VAC, 50Hz (Electronic transformer is available as option)
Control Gear	>0.9
Power Supply	II
Power Factor	20
Insulation Class	6W : 15,000 hrs. 7W : 25,000 hrs.
IP Rating	Equivalent
LED Lifetime	MR16 35 - 50W

Ordering Data

Model	Watt
RSAM76J/BR/WH-1xXXLED MR16	4-8W
RSAM76J/MB/WH-1xXXLED MR16	4-8W
RSAM76J/MI/WH-1xXXLED MR16	4-8W
RSAM76J/WR/WH-1xXXLED MR16	4-8W
RSAM76J/BR/WH-2xXXLED MR16	8-16W
RSAM76J/MB/WH-2xXXLED MR16	8-16W
RSAM76J/MI/WH-2xXXLED MR16	8-16W
RSAM76J/WR/WH-2xXXLED MR16	8-16W



Related Products



LED Multi-Recessed Downlight



RSAM76J/T

Application

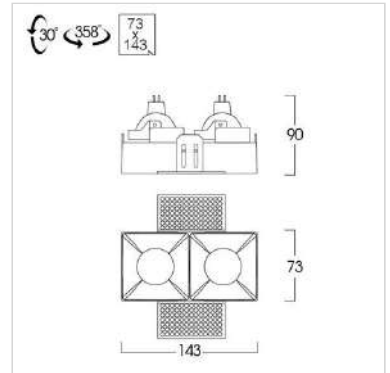
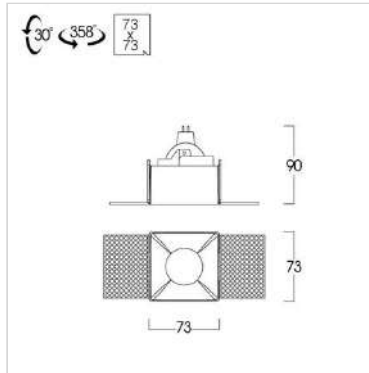
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

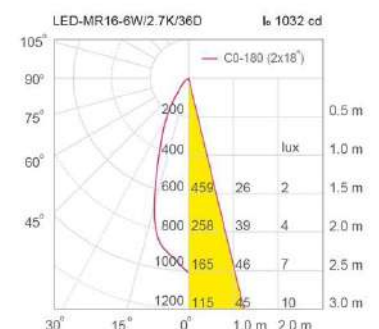
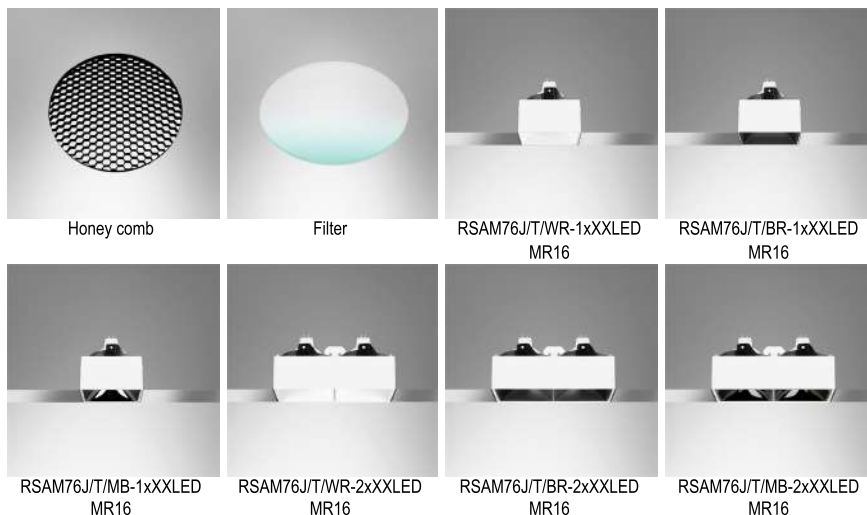
Housing	Die-cast aluminium Trimless
Description	4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) Powder Coated in white
Finishing	Recessed
Mounting	1x4-8W (1 lamp) 2x4-8W (2 lamps)
Power	LED-MR16 GX5.3
Light Source	2700-6500K
Lamp Holder	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Colour Temperature	Separate magnetic or electronic transformer
Lamp Output	220VAC, 50Hz (Magnetic transformer) 220-240VAC, 50Hz (Electronic transformer is available as option)
Control Gear	>0.9
Power Supply	II
Power Factor	20
Insulation Class	6W : 15,000 hrs. 7W : 25,000 hrs.
IP Rating	MR16 35 - 50W
LED Lifetime	
Equivalent	

Ordering Data

Model	Watt
RSAM76J/T/BR/WH-1xXXLED MR16	4-8W
RSAM76J/T/MB/WH-1xXXLED MR16	4-8W
RSAM76J/T/MI/WH-1xXXLED MR16	4-8W
RSAM76J/T/WR/WH-1xXXLED MR16	4-8W
RSAM76J/T/BR/WH-2xXXLED MR16	8-16W
RSAM76J/T/MB/WH-2xXXLED MR16	8-16W
RSAM76J/T/MI/WH-2xXXLED MR16	8-16W
RSAM76J/T/WR/WH-2xXXLED MR16	8-16W



Related Products



LED Multi-Recessed Downlight



TIS RSAM90D

Application

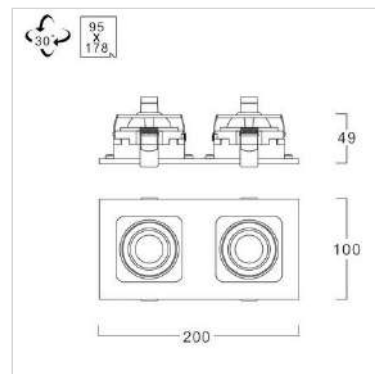
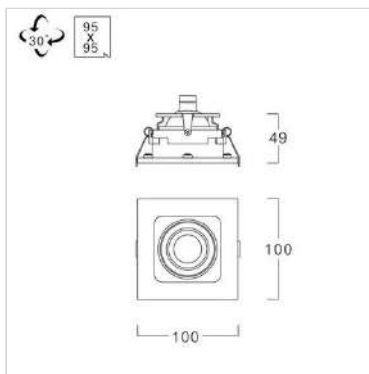
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC,50Hz (Magnetic transformer) 220-240VAC,50Hz (Electronic transformer is available as option)
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	1xMR16 35 - 50W 2xMR16 35 - 50W

Ordering Data

Model	Watt
RSAM90D/WH-1xXXLED-MR16	4-8W
RSAM90D/WH-2xXXLED-MR16	8-16W



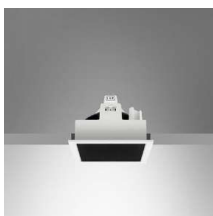
Related Products



RSAP90D-1xLED PAR16



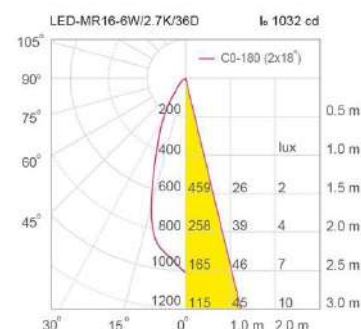
RSAP90D-2xLED PAR16



RSAM83D-1xLED MR16



RSAM83D-1xLED MR16



LED Multi-Recessed Downlight



RSFM83

Application

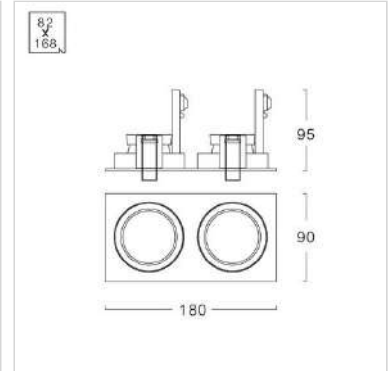
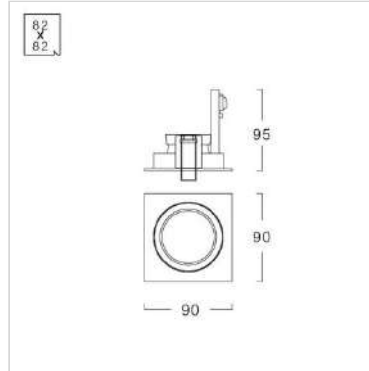
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

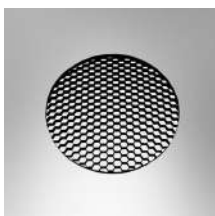
Housing	Die-cast aluminium
Description	4 different color matching are available for various applications WH : lamp head white , trim white BK : lamp head black , trim black WH/BK : lamp head white , trim black BK/WH : lamp head black , trim white Powder Coated in white/black
Finishing	Recessed
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC,50Hz (Magnetic transformer) 220-240VAC,50Hz (Electronic transformer is available as option)
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RSFM83/WH-1xXXLED-MR16	4-8W
RSFM83/WH-2xXXLED-MR16	8-16W



Related Products



Honey comb



Filter



Anti glare



Hood



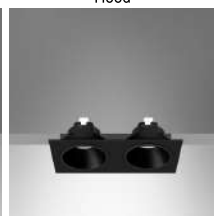
RSFM83/BK-1xLED MR16



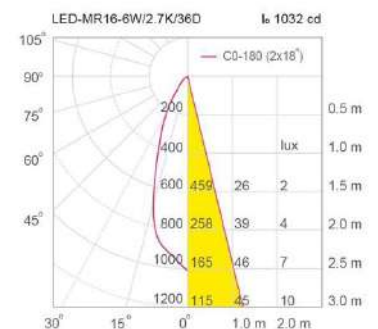
RSFM83/WH/BK-1xLED MR16



RSFM83/BK/WH-1xLED MR16



RSFM83/BK-2xLED MR16



LED Multi-Recessed Downlight



RSAM83

Application

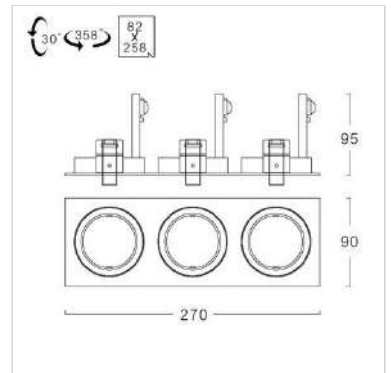
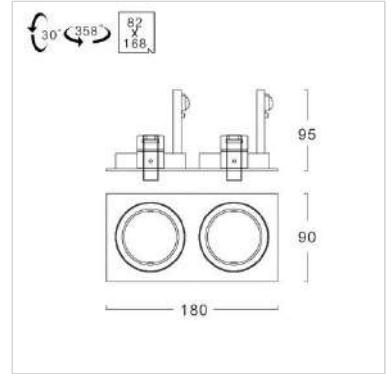
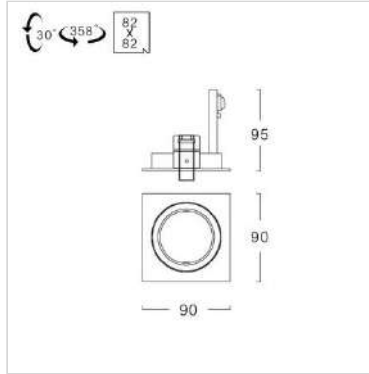
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

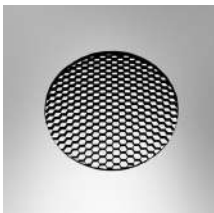
Housing	Die-cast aluminium
Finishing	Powder coated in black/white
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps) 3x4-8W (3 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC,50Hz (Magnetic transformer) 220-240VAC,50Hz (Electronic transformer is available as option)
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	1xMR16 35 - 50W 2xMR16 35 - 50W 3xMR16 35 - 50W

Ordering Data

Model	Watt
RSAM83/WH-1xXXLED-MR16	4-8W
RSAM83/WH-2xXXLED-MR16	8-16W
RSAM83/WH-3xXXLED-MR16	12-24W



Related Products



Honey comb



Filter



Anti glare



Hood



RSAM99-1xLED MR16



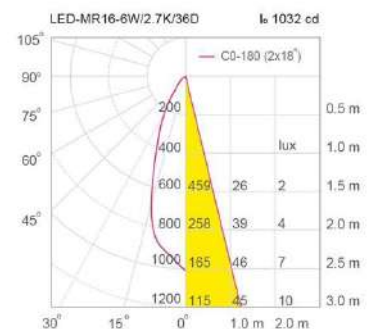
RSAM99-2xLED MR16



RSAM90D-1xLED MR16



RSAM90D-2xLED MR16



LED Multi-Recessed Downlight



RSAM83D

Application

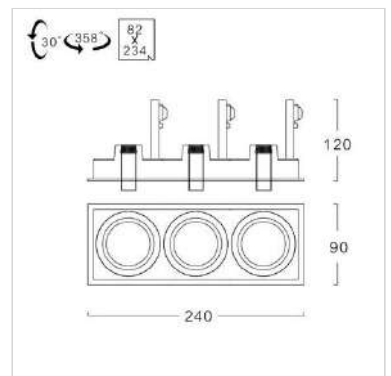
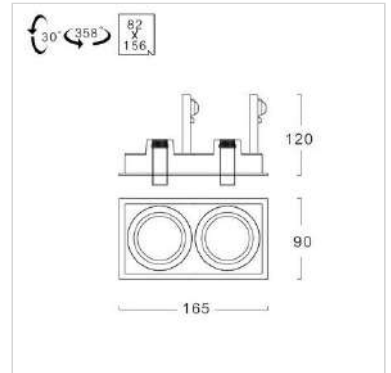
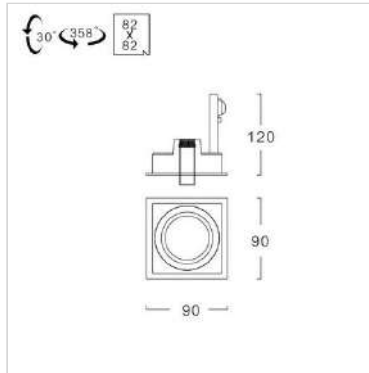
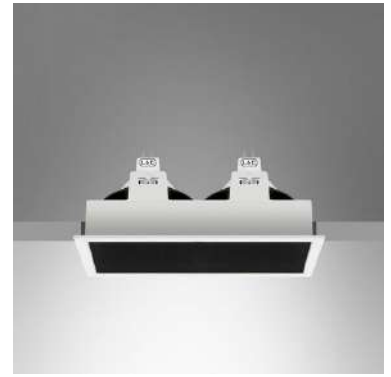
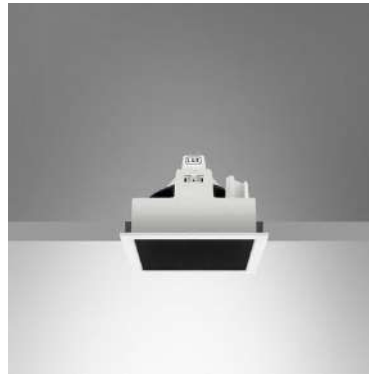
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

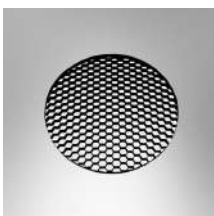
Housing	Die-cast aluminium
Description	3 different color matching are available for various applications WH : inner white , trim white BK : inner black , trim black BK/WH : inner black , trim white
Finishing	Powder coated in black/white
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps) 3x4-8W (3 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC, 50Hz (Magnetic transformer) 220-240VAC, 50Hz (Electronic transformer is available as option)
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	1xMR16 35 - 50W 2xMR16 35 - 50W 3xMR16 35 - 50W

Ordering Data

Model	Watt
RSAM83D/BK/WH-1xXXLED-MR16	4-8W
RSAM83D/BK/WH-2xXXLED-MR16	8-16W
RSAM83D/BK/WH-3xXXLED-MR16	12-24W



Related Products



Honey comb



Filter



Anti glare



Hood



RAM83-XXLED MR16



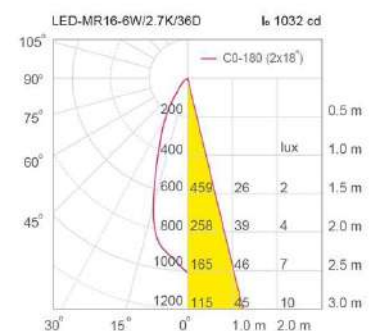
RSAM83-1xXXLED MR16



RSAM83-2xXXLED MR16



RSAM83-3xXXLED MR16



LED Multi-Recessed Downlight



RSAM99

Application

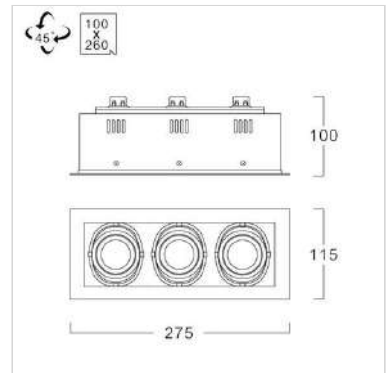
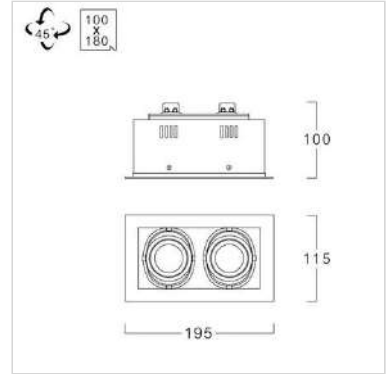
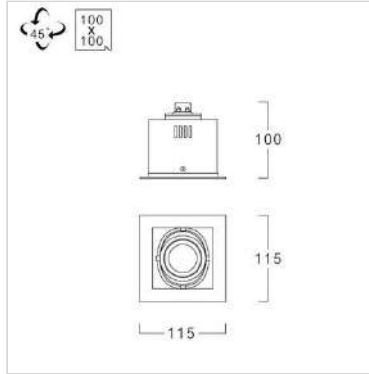
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

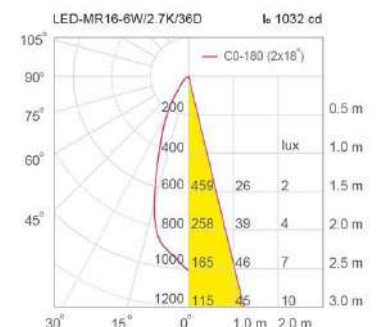
Housing	Painted steel frame and Die-cast aluminium lamp head
Description	3 different color matching are available for various applications WH : lamp head white , trim white BK : lamp head black , trim black BK/WH : lamp head black , trim white
Finishing	Powder Coated in white/black
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps) 3x4-8W (3 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC,50Hz (Magnetic transformer) 220-240VAC,50Hz (Electronic transformer is available as option)
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	1xMR16 35 - 50W 2xMR16 35 - 50W 3xMR16 35 - 50W

Ordering Data

Model	Watt
RSAM99/WH-1xXXLED-MR16	4-8W
RSAM99/WH-2xXXLED-MR16	8-16W
RSAM99/WH-3xXXLED-MR16	12-24W



Related Products



LED Multi-Recessed Downlight



TIS RSAQ150

Application

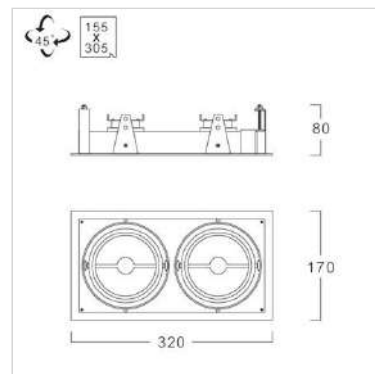
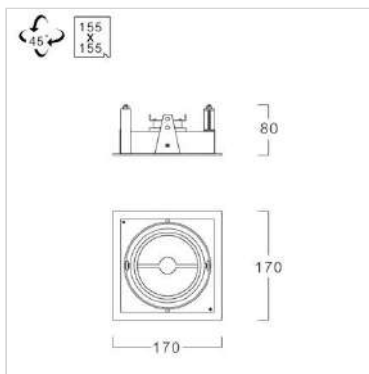
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Mounting	Recessed
Power	1 lamp : 10W / 2 lamps : 20W 1 lamp : 20W / 2 lamps : 40W
Light Source	LED-QR111
Lamp Holder	G53
Colour Temperature	15W : 2700/3000K 20W : 3000/4000K
Lamp Output	15W : 830/840 lm 20W : 1350/1400 lm
Beam Angle	15W : 24/40 degree 20W : 12/24/40 degree
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC, 50Hz (Magnetic transformer) 220-240VAC, 50Hz (Electronic transformer is available as option)
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15W : 40,000 hrs. 20W : 25,000 hrs.
Equivalent	15W : AR111 75W 20W : AR111 100W

Ordering Data

Model	Watt
RSAQ150/BK-1xXXLED	15-20W
RSAQ150/BK-2xXXLED	30-40W



Related Products



Hood



Hood



RSAQ150D-1x-LED QR111



RSAQ150D-2xLED QR111



RAQ160-LED QR111



RAQ160D-LED QR111

LED Multi-Recessed Downlight



TIS RSAQ150D

Application

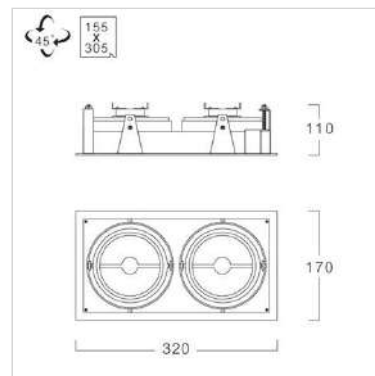
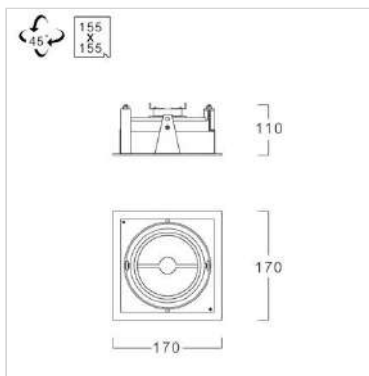
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white
Mounting	Recessed
Power	1 lamp : 10W / 2 lamps : 20W 1 lamp : 20W / 2 lamps : 40W
Light Source	LED-QR111
Lamp Holder	G53
Colour Temperature	15W : 2700/3000K 20W : 3000/4000K
Lamp Output	15W : 830/840 lm 20W : 1350/1400 lm
Beam Angle	15W : 24/40 degree 20W : 12/24/40 degree
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC, 50Hz (Magnetic transformer) 220-240VAC, 50Hz (Electronic transformer is available as option)
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15W : 40,000 hrs. 20W : 25,000 hrs.
Equivalent	15W : AR111 75W 20W : AR111 100W

Ordering Data

Model	Watt
RSAQ150D/BK-1xXXLED	15-20W
RSAQ150D/BK-2xXXLED	30-40W



Related Products



Hood



Hood



RSAQ150-1xLED QR111



RSAQ150-2xLED QR111



RAQ160-LED QR111



RAQ160D-LED QR111

 RSAP81D

Application

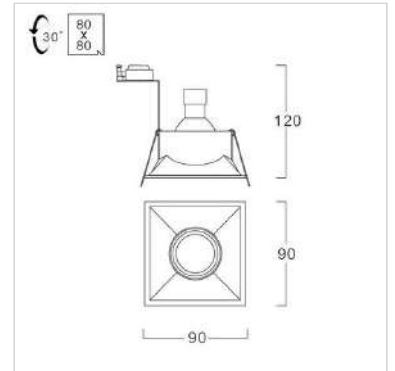
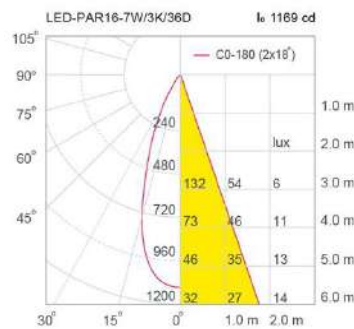
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white
Mounting	Recessed
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15,000-50,000 hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
RSAP81D/WH-XXLED-PAR16	4-7W



Related Products



RFP74D-LED PAR16



RAP81D-LED PAR16

 TIS **RSAP90D**

Application

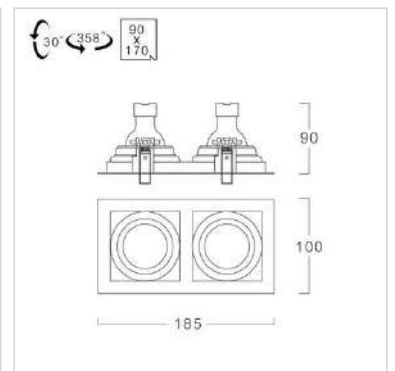
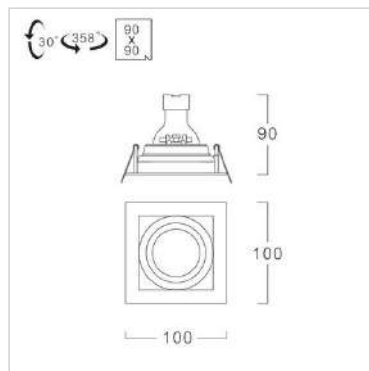
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15,000-50,000 hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
RSAP90D/WH-1xXXLED-PAR16	4-7W
RSAP90D/WH-2xXXLED-PAR16	8-14W



Related Products



RFP74D-LED PAR16



RSFP74D-LED PAR16

LED Multi-Recessed Downlight



MRDC125T

Application

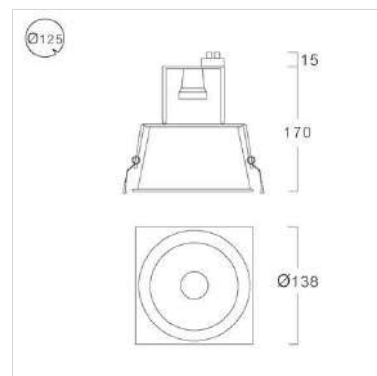
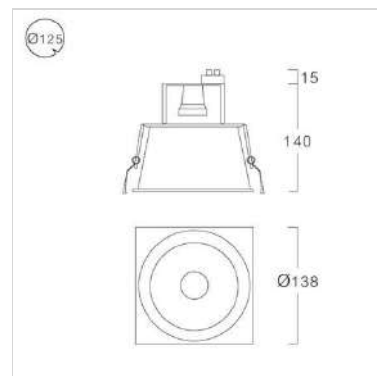
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted Aluminum Frame
Finishing	Powder coated in white
Mounting	Recessed
Power	5-12W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	5W : 3000/6500K : 470/510 lm 7W : 3000/6500K : 630/690 lm 9W : 3000/6500K : 810/850 lm 12W : 3000/6500K : 1200/1300 lm
Beam Angle	112 degree
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	CFL 8-18W

Ordering Data

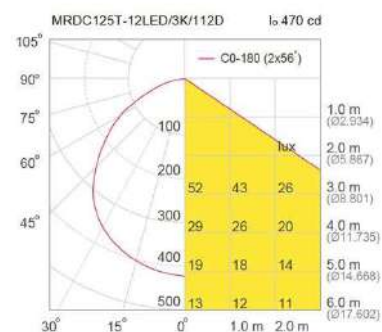
Model	Watt
MRDC125T/WH-XXLED-BULB	5-12W



Related Products



RDC125T-LED BULB



LED Multi-Recessed Downlight



TIS MRDC135F

Application

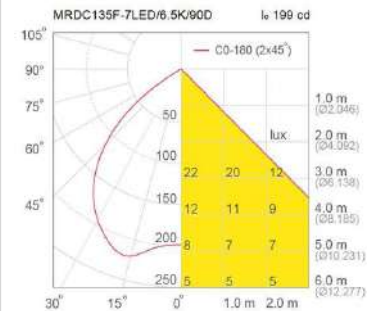
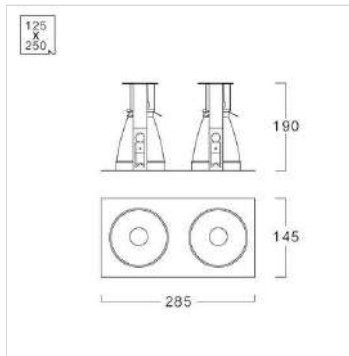
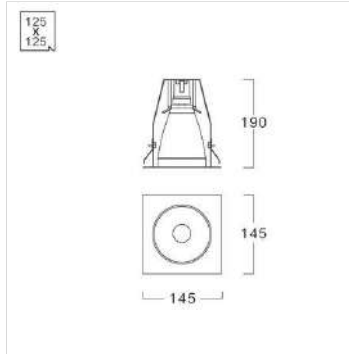
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame/ring
Finishing	Powder coated in white
Mounting	Recessed
Power	1x5-9W (1 lamp) 2x5-9W (2 lamps)
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	1x5W : 3000/6500K : 1x470/510 lm 2x5W : 3000/6500K : 2x470/510 lm 1x7W : 3000K/6500K : 1x630/690 lm 2x7W : 3000K/6500K : 2x630/690 lm 1x9W : 3000/6500K : 1x810/850 lm 2x9W : 3000/6500K : 2x810/850 lm
Beam Angle	90 degree
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	1xCFL 8-14W 2xCFL 8-14W

Ordering Data

Model	Watt
MRDC135F/WH-1xXXLED BULB	5-9W
MRDC135F/WH-2xXXLED BULB	10-18W



Related Products



MRDC135D-1xLED BULB

TIS MRDC155F

Application

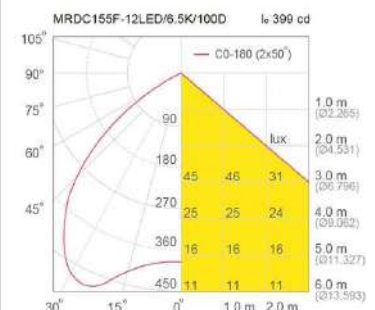
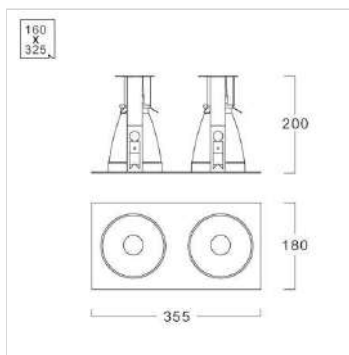
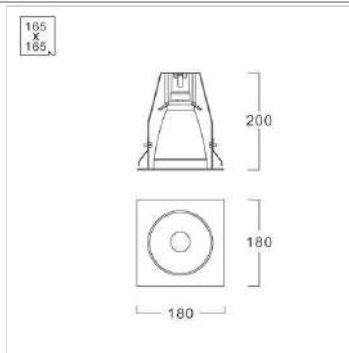
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame/ring
Finishing	Powder Coated in white
Mounting	Recessed
Power	1x7-12W (1 lamp) 2x7-12W (2 lamps)
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	1x7W : 3000K/6500K : 1x630/690 lm 2x7W : 3000K/6500K : 2x630/690 lm 1x9W : 3000/6500K : 1x810/850 lm 2x9W : 3000/6500K : 2x810/850 lm 1x12W : 3000/6500K : 1x1200/1300 lm 2x12W : 3000/6500K : 2x1200/1300 lm
Beam Angle	100 degree
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	1xCFL 14-18W 2xCFL 14-18W

Ordering Data

Model	Watt
MRDC155F/WH-1xXXLED BULB	7-12W
MRDC155F/WH-2xXXLED BULB	14-24W



Related Products



MRDC155D-1xLED BULB

LED Multi-Recessed Downlight



TIS MRDC135D

Application

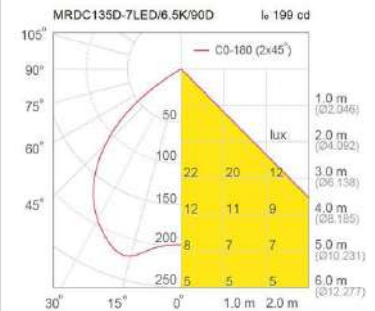
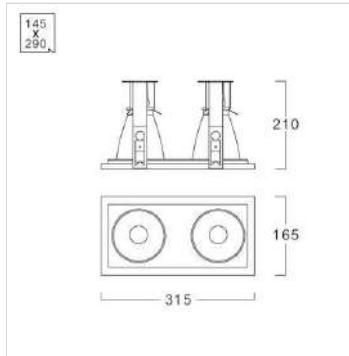
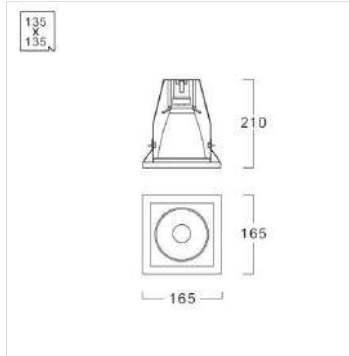
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame/ring
Finishing	Powder Coated in white
Mounting	Recessed
Power	1x5-9W (1 lamp) 2x5-9W (2 lamps)
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	1x5W : 3000/6500K : 1x470/510 lm 2x5W : 3000/6500K : 2x470/510 lm 1x7W : 3000K/6500K : 1x630/690 lm 2x7W : 3000K/6500K : 2x630/690 lm 1x9W : 3000/6500K : 1x810/850 lm 2x9W : 3000/6500K : 2x810/850 lm
Beam Angle	90 degree
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	1xCFL 8-14W 2xCFL 8-14W

Ordering Data

Model	Watt
MRDC135D/WH-1xXXLED BULB	5-9W
MRDC135D/WH-2xXXLED BULB	10-18W



Related Products



MRDC135F-1xLED BULB

TIS MRDC155D

Application

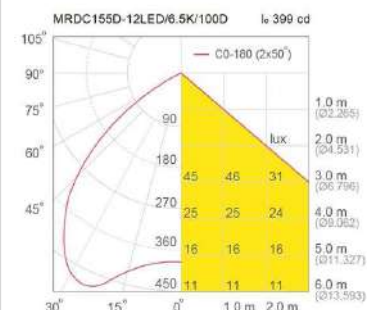
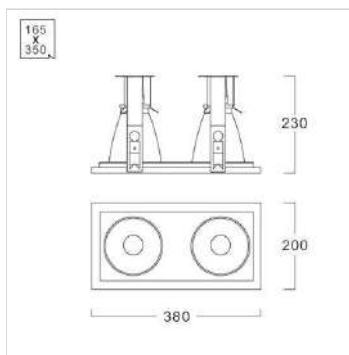
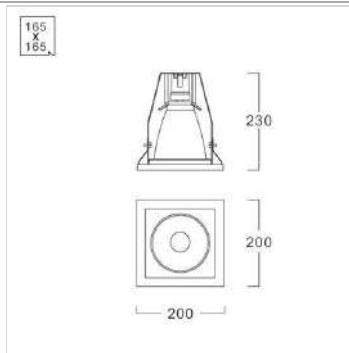
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame/ring
Finishing	Powder Coated in white
Mounting	Recessed
Power	1x7-12W (1 lamp) 2x7-12W (2 lamps)
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	1x7W : 3000K/6500K : 1x630/690 lm 2x7W : 3000K/6500K : 2x630/690 lm 1x9W : 3000/6500K : 1x810/850 lm 2x9W : 3000/6500K : 2x810/850 lm 1x12W : 3000/6500K : 1x1200/1300 lm 2x12W : 3000/6500K : 2x1200/1300 lm
Beam Angle	100 degree
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	1xCFL 14-18W 2xCFL 14-18W

Ordering Data

Model	Watt
MRDC155D/WH-1xXXLED BULB	7-12W
MRDC155D/WH-2xXXLED BULB	14-24W



Related Products



MRDC155F-1xLED BULB

LED Multi-Recessed Downlight



RSAL76J

Application

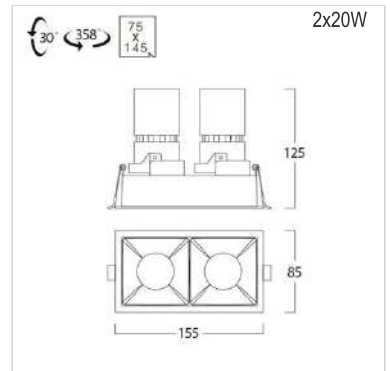
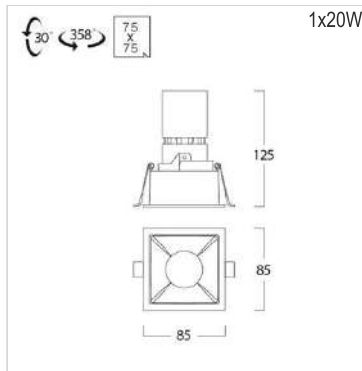
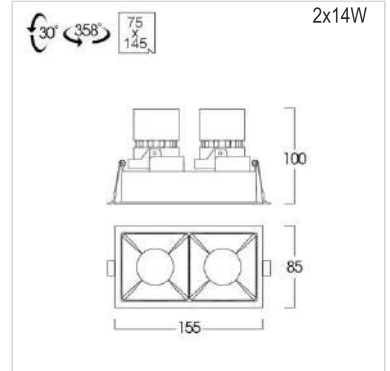
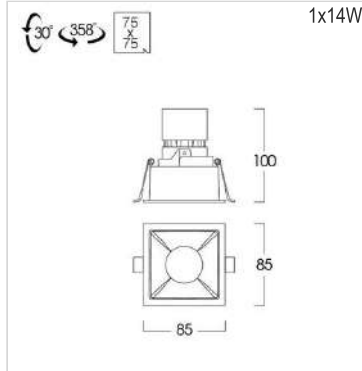
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

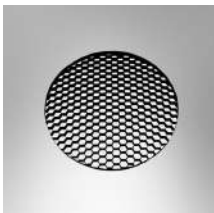
Housing	Die-cast aluminium
Description	4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	1 lamp : 14/20W 2 lamps : 28/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 lm
Luminaire Output	14W : 850/890/969 lm* 20W : 1433/1549/1605 lm*
Beam Angle	14W : 15/24/36/55 Degree 20W : 18/24/36/50 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 36 Degree

Ordering Data

Model	Watt
RSAL76J/BR/WH-1x14LED	14W
RSAL76J/MB/WH-1x14LED	14W
RSAL76J/MI/WH-1x14LED	14W
RSAL76J/WR/WH-1x14LED	14W
RSAL76J/BR/WH-1x20LED	20W
RSAL76J/MB/WH-1x20LED	20W
RSAL76J/MI/WH-1x20LED	20W
RSAL76J/WR/WH-1x20LED	20W



Related Products



Honey comb



Filter



RSAL76J/WR-1x14W



RSAL76J/BR-1x14W



RSAL76J/MB-1x14W



RSAL76J/WR-2x14W



RSAL76J/BR-2x14W



RSAL76J/MB-2x14W

LED Multi-Recessed Downlight



RSAL76J/T

Application

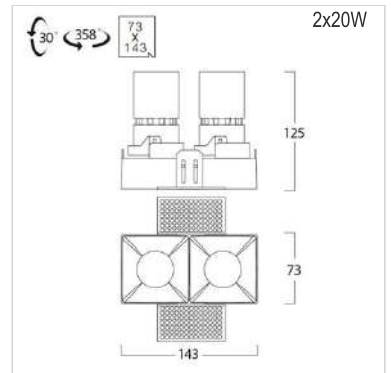
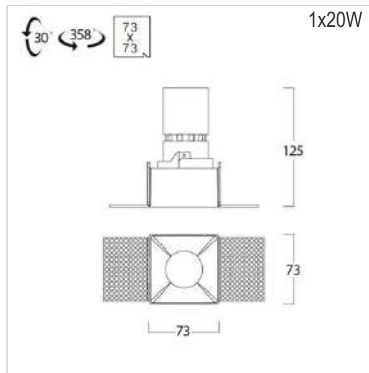
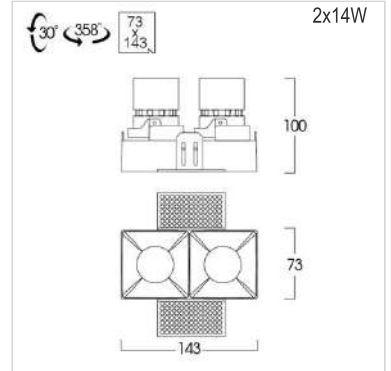
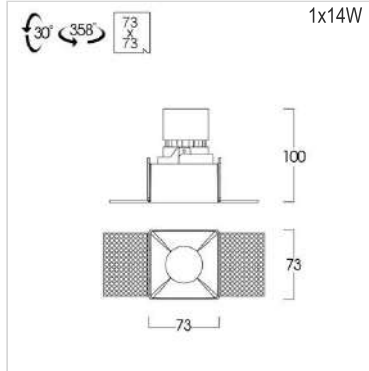
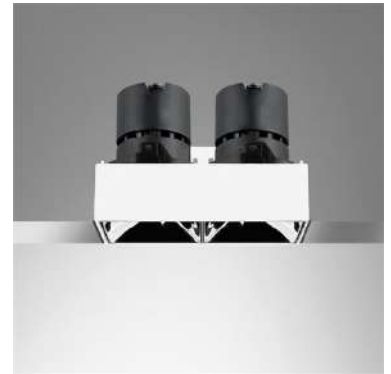
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium Trimless
Description	4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	1 lamp : 14/20W 2 lamps : 28/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 lm
Luminaire Output	14W : 850/890/969 lm* 20W : 1433/1549/1605 lm*
Beam Angle	14W : 15/24/36/55 Degree 20W : 18/24/36/50 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 36 Degree

Ordering Data

Model	Watt
RSAL76J/T/BR/WH-1x14LED	14W
RSAL76J/T/MB/WH-1x14LED	14W
RSAL76J/T/MI/WH-1x14LED	14W
RSAL76J/T/WR/WH-1x14LED	14W
RSAL76J/T/BR/WH-1x20LED	20W
RSAL76J/T/MB/WH-1x20LED	20W
RSAL76J/T/MI/WH-1x20LED	20W
RSAL76J/T/WR/WH-1x20LED	20W



Related Products



LED Multi-Recessed Downlight



RSFL83

Application

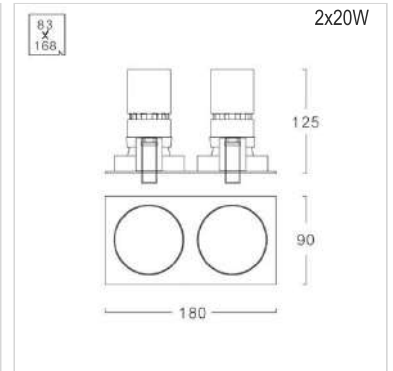
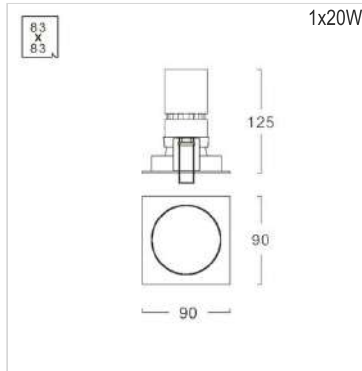
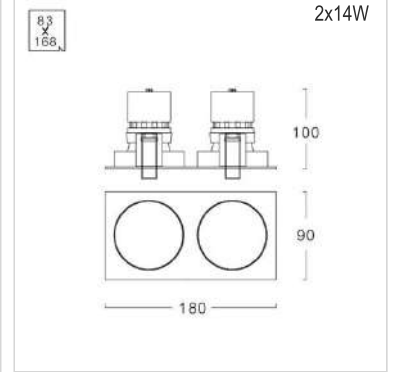
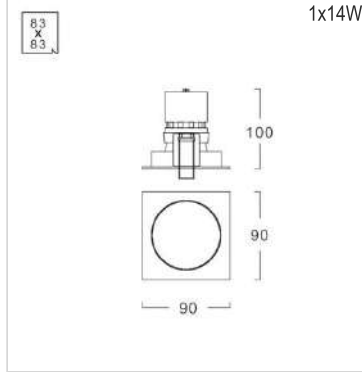
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

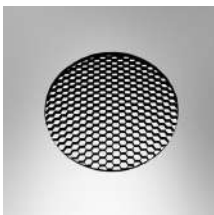
Housing	Die-cast aluminium
Description	4 different color matching are available for various applications WH : lamp head white , trim white BK : lamp head black , trim black WH/BK : lamp head white , trim black BK/WH : lamp head black , trim white Powder coated in white / black
Finishing	
Mounting	Recessed
Power	1 lamp : 14/20W 2 lamps : 28/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 lm
Luminaire Output	14W : 1046/1096/1200 lm* 20W : 1790/1935/2005 lm*
Beam Angle	14W : 15/24/36/60 Degree 20W : 18/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSFL83/WH-1x14LED	14W
RSFL83/WH-1x20LED	20W
RSFL83/WH-2x14LED	28W
RSFL83/WH-2x20LED	40W



Related Products



Honey comb



Filter



Anti glare



Hood



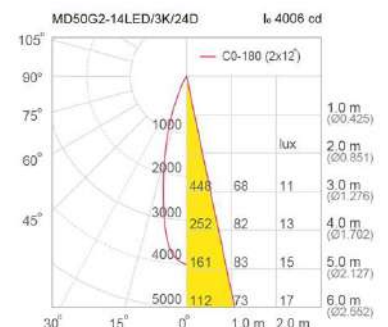
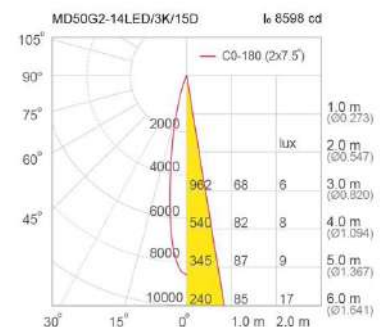
RSFL83/WH



RSFL83/WH



RSFL83/BK



LED Multi-Recessed Downlight



RSAL83

Application

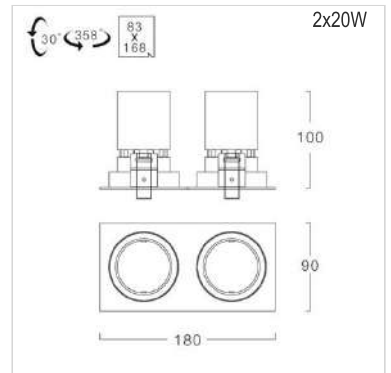
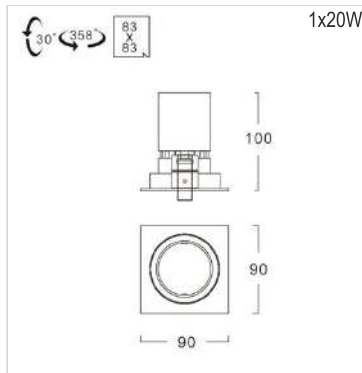
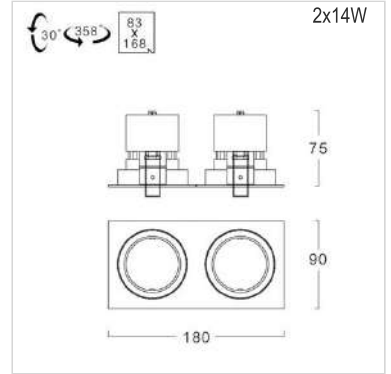
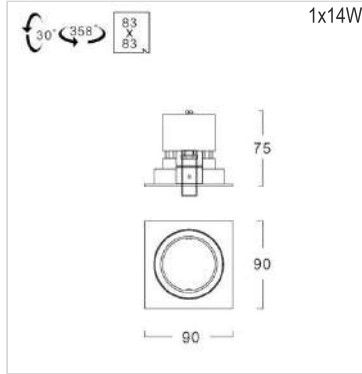
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

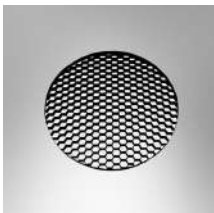
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	1 lamp : 14/20W 2 lamps : 28/40W 3 lamps : 42/60W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 lm
Luminaire Output	14W : 1046/1096/1200 lm* 20W : 1790/1935/2005 lm*
Beam Angle	14W : 15/24/36/60 Degree 20W : 18/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSAL83/WH-1x14LED	14W
RSAL83/WH-1x20LED	20W
RSAL83/WH-2x14LED	28W
RSAL83/WH-2x20LED	40W
RSAL83/WH-3x14LED	42W
RSAL83/WH-3x20LED	60W



Related Products



Honey comb



Filter



Anti glare



Hood



RAL83-14W



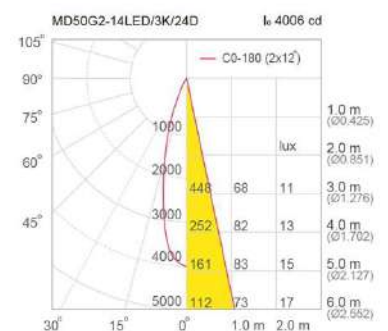
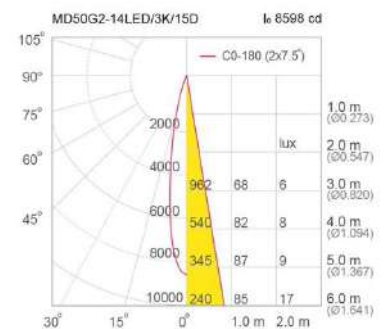
RFL83-14W



RFL76J-14W



RSAL76J-14W



LED Multi-Recessed Downlight



RSAL83D

Application

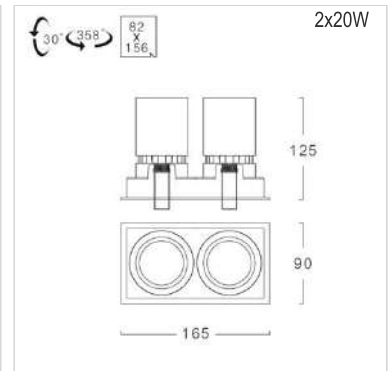
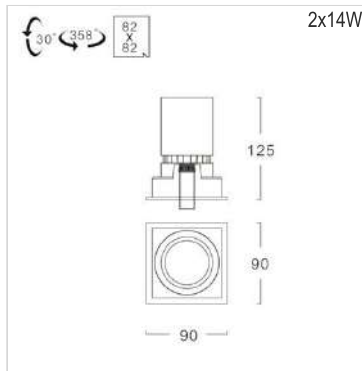
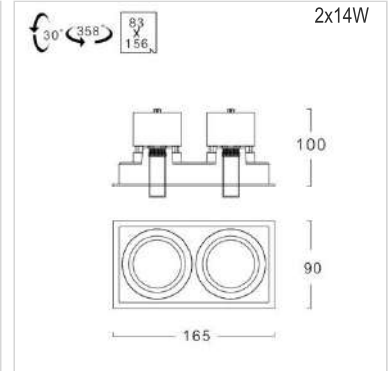
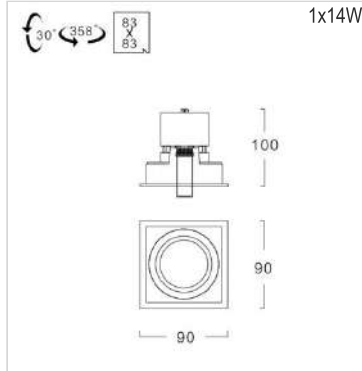
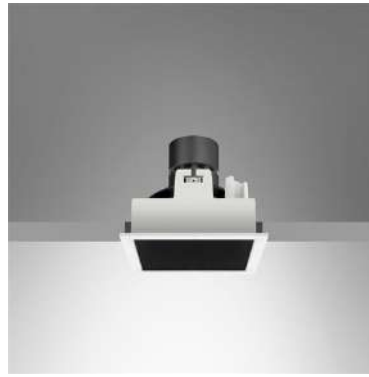
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

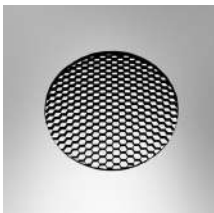
Housing	Die-cast aluminium
Description	3 different color matching are available or various applications BK/WH : inner black , trim white BK : inner black , trim black WH : inner white , trim white Powder coated in white / black
Finishing	
Mounting	Recessed
Power	1 lamp : 14/20W 2 lamps : 28/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 lm
Luminaire Output	14W : 1046/1096/1200 lm* 20W : 1790/1935/2005 lm*
Beam Angle	14W : 15/24/36/60 Degree 20W : 18/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSAL83D/BK/WH-1x14LED	14W
RSAL83D/BK/WH-1x20LED	20W
RSAL83D/BK/WH-2x14LED	28W
RSAL83D/BK/WH-2x20LED	40W



Related Products



Honey comb



Filter



Anti glare



Hood



RFL83-14W



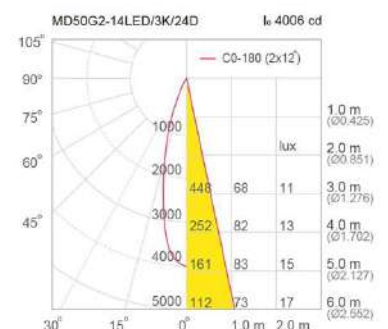
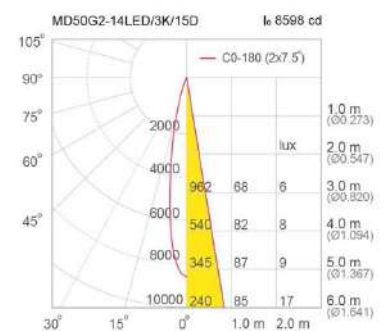
RAL83-14W



RSAL83-1x14W



RFL83-14W



LED Multi-Recessed Downlight



TIS RSAL99

Application

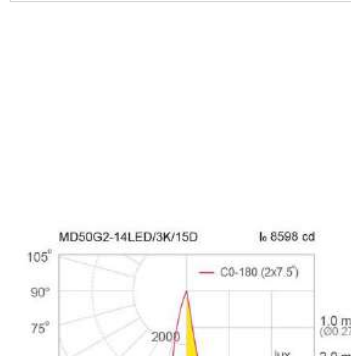
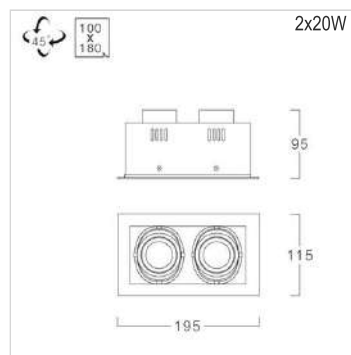
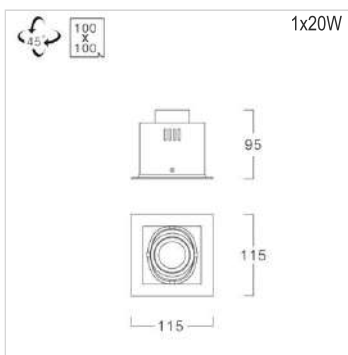
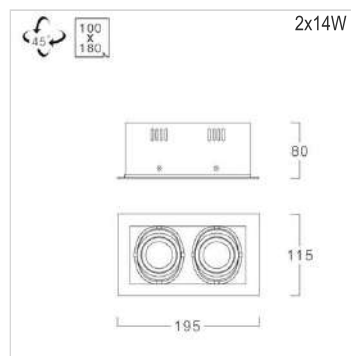
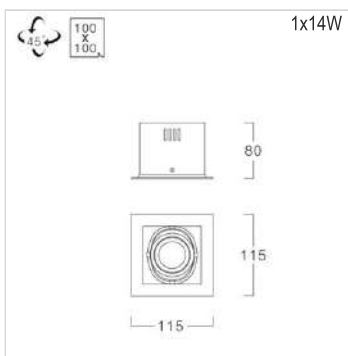
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

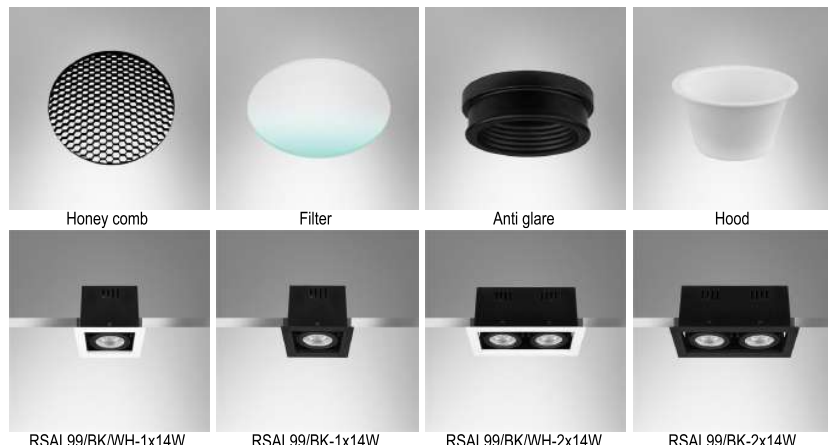
Housing	Painted steel frame and Die-cast aluminium lamp head
Description	3 different color matching are available for various applications WH : lamp head white , trim white BK : lamp head black , trim black BK/WH : lamp head black , trim white
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	1 lamp : 14/20W 2 lamps : 28/40W 3 lamps : 42/60W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 lm
Luminaire Output	14W : 1046/1096/1200 lm* 20W : 1790/1935/2005 lm*
Beam Angle	14W : 15/24/36/60 Degree 20W : 18/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	25,000 hrs
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSAL99/WH-1x14LED	14W
RSAL99/WH-1x20LED	20W
RSAL99/WH-2x14LED	28W
RSAL99/WH-2x20LED	40W
RSAL99/WH-3x14LED	42W
RSAL99/WH-3x20LED	60W



Related Products



LED Multi-Recessed Downlight



RSAL107E

Application

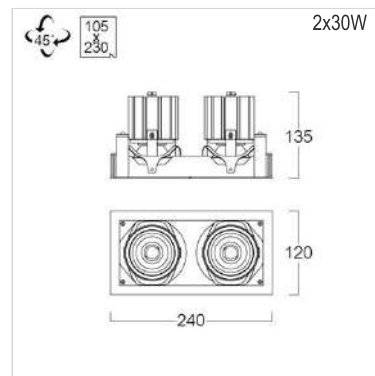
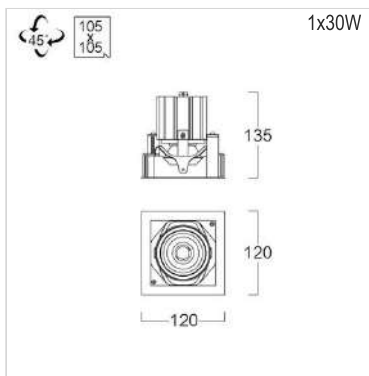
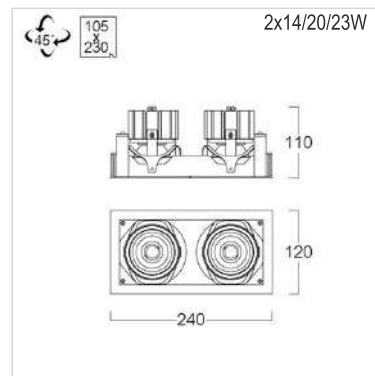
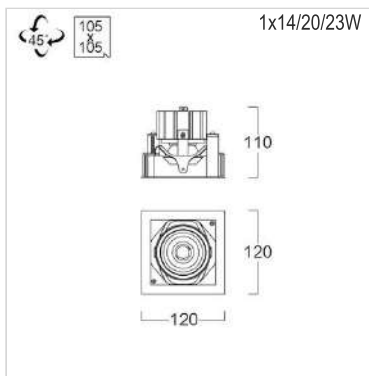
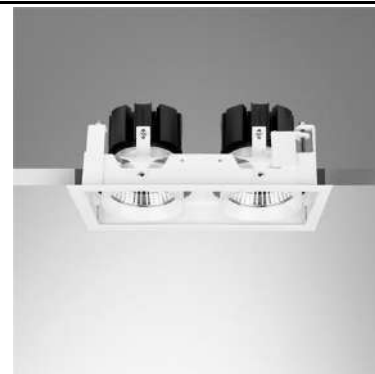
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

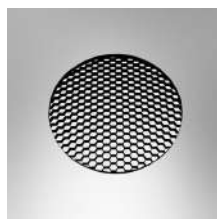
Housing	Printed steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Mounting	Recessed
Power	1 lamp : 14W / 2 lamps : 28W 1 lamp : 20W / 2 lamps : 40W 1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	14W : 1342/1449/1570 lm* 20W : 1854/2002/2169 lm* 23W : 2135/2305/2497 lm* 30W : 2914/3147/3351 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W 30W : MH 70W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSAL107E/WH-1x14LED	14W
RSAL107E/WH-1x20LED	20W
RSAL107E/WH-1x23LED	23W
RSAL107E/WH-2x14LED	28W
RSAL107E/WH-1x30LED	30W
RSAL107E/WH-2x20LED	40W
RSAL107E/WH-2x23LED	46W
RSAL107E/WH-2x30LED	60W



Related Products



Honey comb



Hood



RAL115E-14/20/23/30W



RAL107E-14/20/23/30W

LED Multi-Recessed Downlight



RSAL127E

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Printed steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W 1 lamp : 35W / 2 lamps : 70W 1 lamp : 40W / 2 lamps : 80W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W

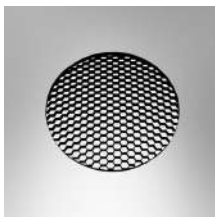
Remarks

*Value at 24 Degree

Ordering Data

Model	Watt
RSAL127E/WH-1x23LED	23W
RSAL127E/WH-1x30LED	30W
RSAL127E/WH-1x35LED	35W
RSAL127E/WH-1x40LED	40W
RSAL127E/WH-2x23LED	46W
RSAL127E/WH-2x30LED	60W
RSAL127E/WH-2x35LED	70W
RSAL127E/WH-2x40LED	80W

Related Products



Honey comb



Hood



RSAL150E-1x23/30/35/40W



RAL150E-23/30/35/40W



RAL127E-23/30/35/40W



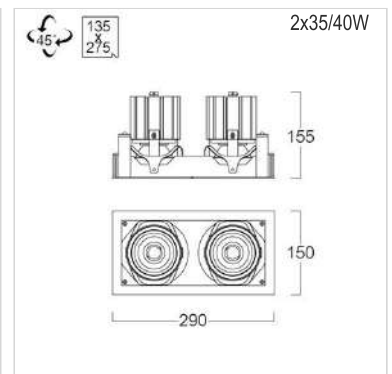
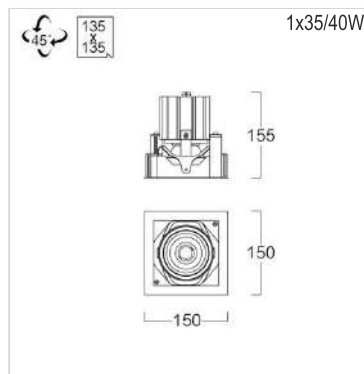
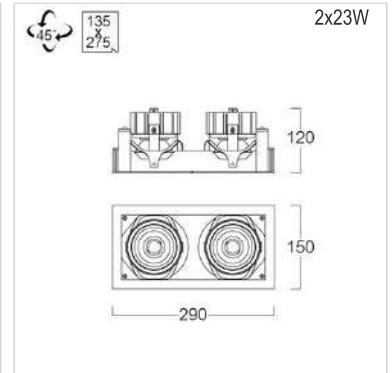
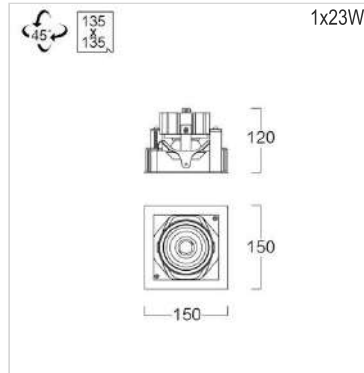
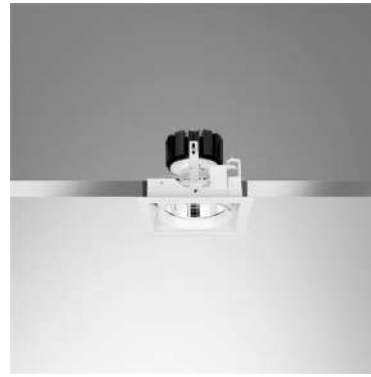
RAL127D/E-23/30/35/40W



RFL125D/E-23/30/35/40W



RSAL150D/E-1x23/30/35/40W



LED Multi-Recessed Downlight



RSAL115E

Application

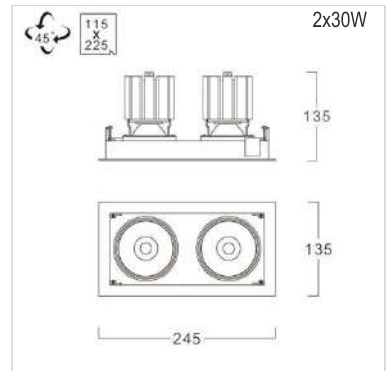
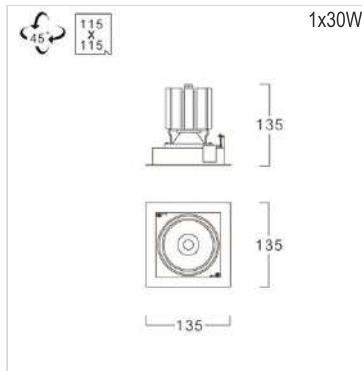
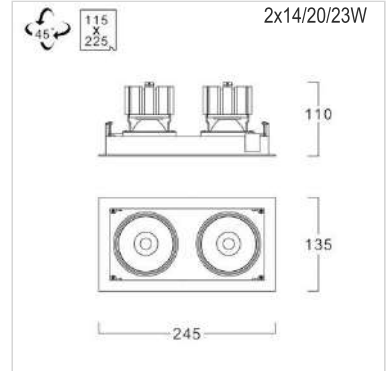
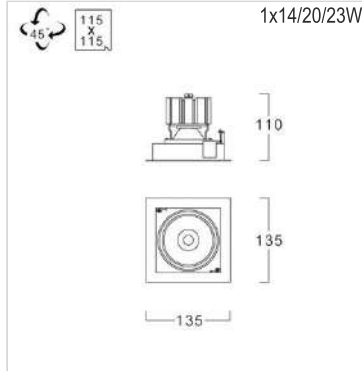
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

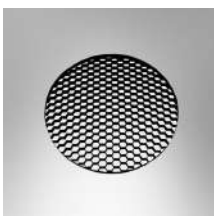
Housing	Printed steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Mounting	Recessed
Power	1 lamp : 14W / 2 lamps : 28W 1 lamp : 20W / 2 lamps : 40W 1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	14W : 1342/1449/1570 lm* 20W : 1854/2002/2169 lm* 23W : 2135/2305/2497 lm* 30W : 2914/3147/3351 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W 30W : MH 70W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSAL115E/WH-1x14LED	14W
RSAL115E/WH-1x20LED	20W
RSAL115E/WH-1x23LED	23W
RSAL115E/WH-2x14LED	28W
RSAL115E/WH-1x30LED	30W
RSAL115E/WH-2x20LED	40W
RSAL115E/WH-2x23LED	46W
RSAL115E/WH-2x30LED	60W



Related Products



Honey comb



Hood



RSAL115D/E-1x14/20/23/30W



RSAL107E-1x14/20/23/30W

LED Multi-Recessed Downlight



RSAL115D/E

Application

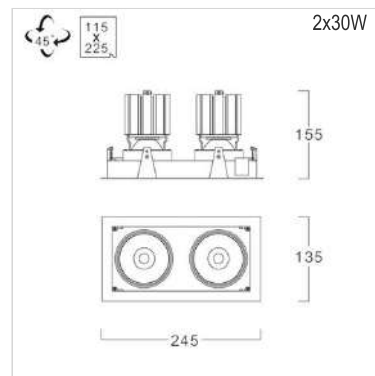
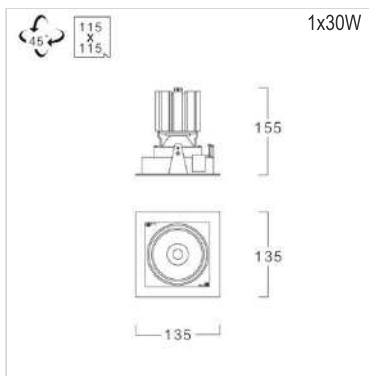
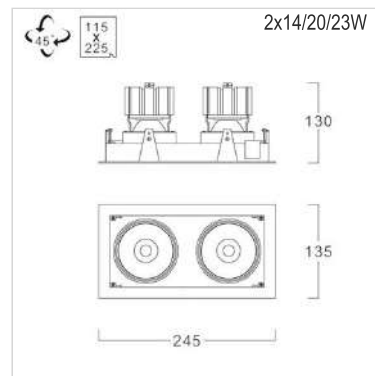
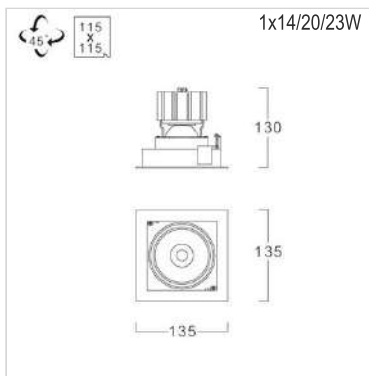
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

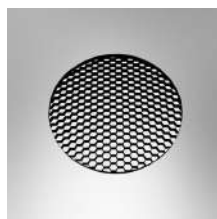
Housing	Printed steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Mounting	Recessed
Power	1 lamp : 14W / 2 lamps : 28W 1 lamp : 20W / 2 lamps : 40W 1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	14W : 1342/1449/1570 lm* 20W : 1854/2002/2169 lm* 23W : 2135/2305/2497 lm* 30W : 2914/3147/3351 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W 30W : MH 70W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSAL115D/E/WH-1x14LED	14W
RSAL115D/E/WH-1x20LED	20W
RSAL115D/E/WH-1x23LED	23W
RSAL115D/E/WH-2x14LED	28W
RSAL115D/E/WH-1x30LED	30W
RSAL115D/E/WH-2x20LED	40W
RSAL115D/E/WH-2x23LED	46W
RSAL115D/E/WH-2x30LED	60W



Related Products



Honey comb



Hood



RAL115E-14/20/23/30W



RAL107E-14/20/23/30W

LED Multi-Recessed Downlight



RSAL150E

Application

Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

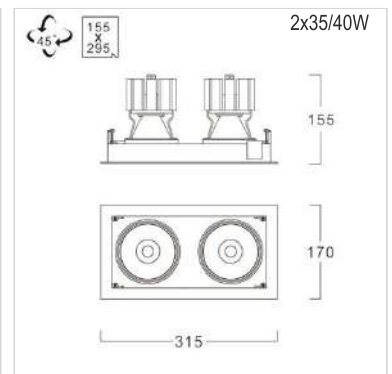
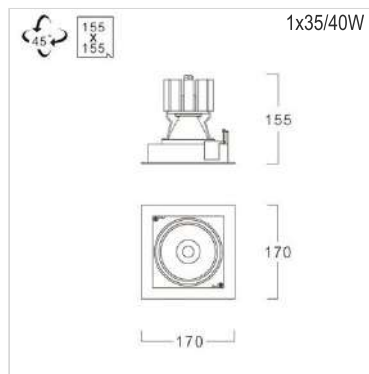
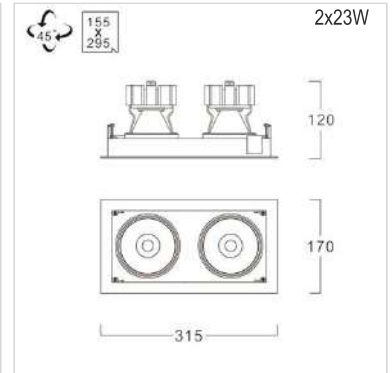
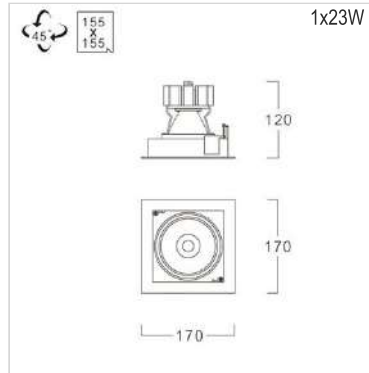
Specification

Housing	Printed steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W 1 lamp : 35W / 2 lamps : 70W 1 lamp : 40W / 2 lamps : 80W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
UGR	<19
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSAL150E/WH-1x23LED	23W
RSAL150E/WH-1x30LED	30W
RSAL150E/WH-1x35LED	35W
RSAL150E/WH-1x40LED	40W
RSAL150E/WH-2x23LED	46W
RSAL150E/WH-2x30LED	60W
RSAL150E/WH-2x35LED	70W
RSAL150E/WH-2x40LED	80W

Related Products



LED Multi-Recessed Downlight



RSAL150D/E

Application

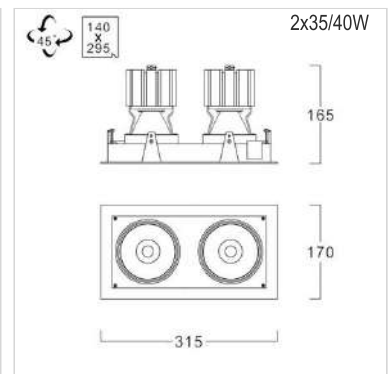
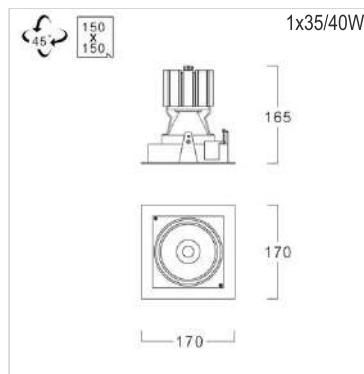
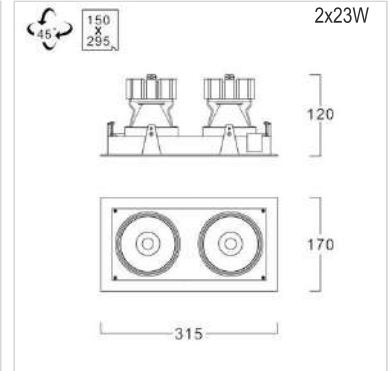
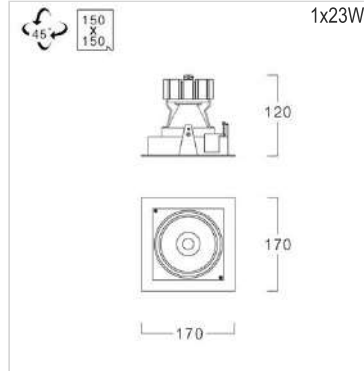
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

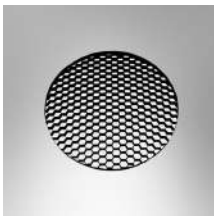
Housing	Printed steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W 1 lamp : 35W / 2 lamps : 70W 1 lamp : 40W / 2 lamps : 80W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSAL150D/E/WH-1x23LED	23W
RSAL150D/E/WH-1x30LED	30W
RSAL150D/E/WH-1x35LED	35W
RSAL150D/E/WH-1x40LED	40W
RSAL150D/E/WH-2x23LED	46W
RSAL150D/E/WH-2x30LED	60W
RSAL150D/E/WH-2x35LED	70W
RSAL150D/E/WH-2x40LED	80W



Related Products



Honey comb



Hood



RSAL150D/E-1x23/30/35/40W



RSAL150D/E-2x30/35/40W

LED Multi-Recessed Downlight



RSAL166D/E

Application

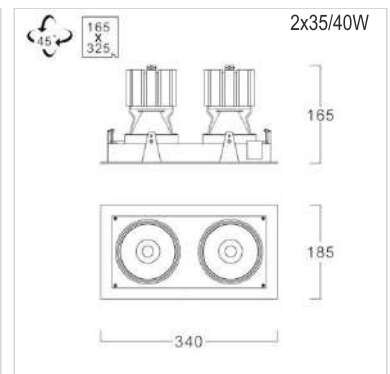
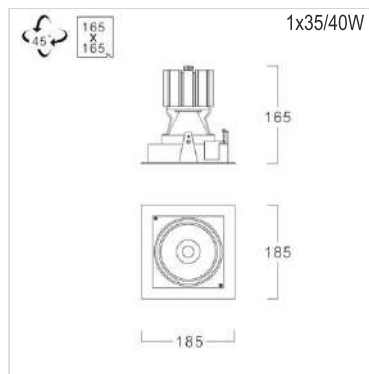
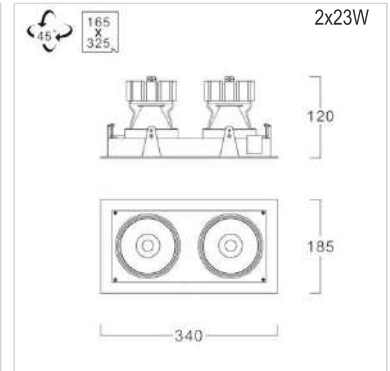
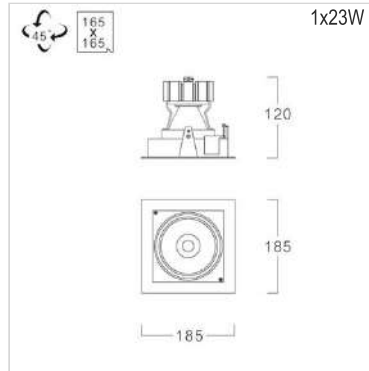
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

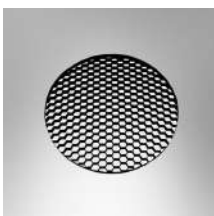
Housing	Printed steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W 1 lamp : 35W / 2 lamps : 70W 1 lamp : 40W / 2 lamps : 80W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSAL166D/E/WH-1x23LED	23W
RSAL166D/E/WH-1x30LED	30W
RSAL166D/E/WH-1x35LED	35W
RSAL166D/E/WH-1x40LED	40W
RSAL166D/E/WH-2x23LED	46W
RSAL166D/E/WH-2x30LED	60W
RSAL166D/E/WH-2x35LED	70W
RSAL166D/E/WH-2x40LED	80W



Related Products



Honey comb



Hood



RSAL150D/E-1x23/30/35/40W



RAL150E-23/30/35/40W

LED IP Recessed Downlight



RFM75

Application

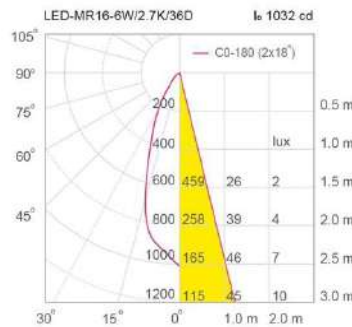
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

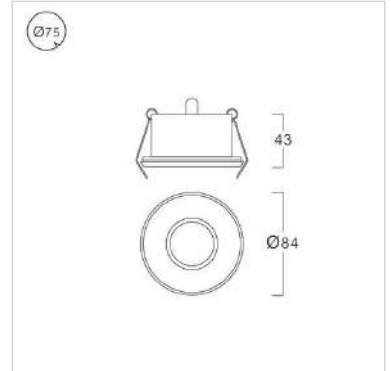
Housing	Die-cast aluminium
Finishing	Powder coated in white/black
Diffuser	Frosted glass
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC, 50Hz (Magnetic transformer) 220-240VAC, 50Hz (Electronic transformer is available as option)
Power Factor	>0.9
Insulation Class	II
IP Rating	44
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RFM75/WH-XXLED-MR16	4-8W



Related Products



RFP74D-LED PAR16



RSFP74D-LED PAR16

RSM76

Application

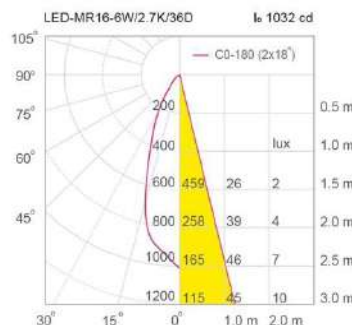
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

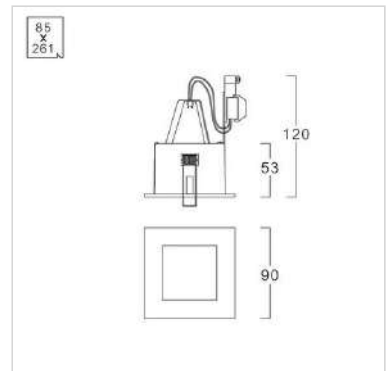
Housing	Die-cast aluminium
Finishing	Powder Coated in white
Diffuser	Frosted glass
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Separate magnetic or electronic transformer
Power Supply	220VAC, 50Hz (Magnetic transformer) 220-240VAC, 50Hz (Electronic transformer is available as option)
Power Factor	>0.9
Insulation Class	II
IP Rating	44
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
RSM76/WH-XXLED-MR16	4-8W



Related Products



RFP74D-LED PAR16



RSFP74D-LED PAR16

LED IP Recessed Downlight



RFP74D

Application

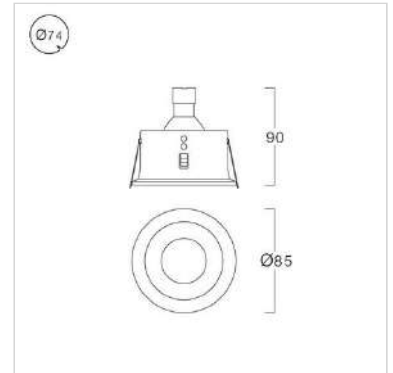
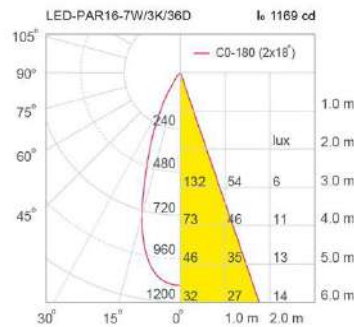
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white
Diffuser	Clear glass
Mounting	Recessed
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	44
Luminaire Lifetime	15,000-50,000 hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
RFP74D/WH-XXLED-PAR16	4-7W



Related Products



RSFP74D-LED PAR16



RSM76-LED MR16

RSFP74D

Application

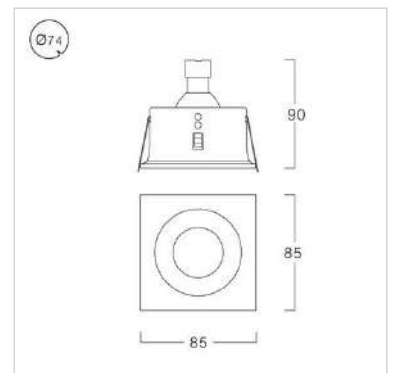
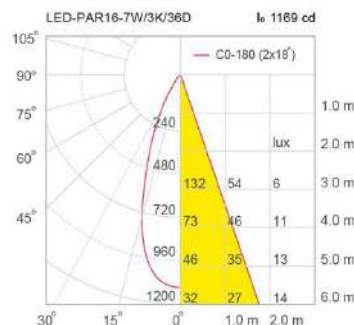
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white
Diffuser	Clear glass
Mounting	Recessed
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	44
Luminaire Lifetime	15,000-50,000 hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
RSFP74D/WH-XXLED-PAR16	4-7W



Related Products



RSM76-LED MR16



RFP74D-LED PAR16

LED IP Recessed Downlight



RFL811

Application

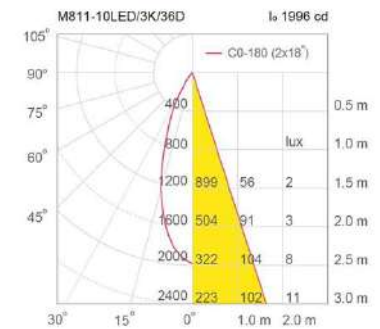
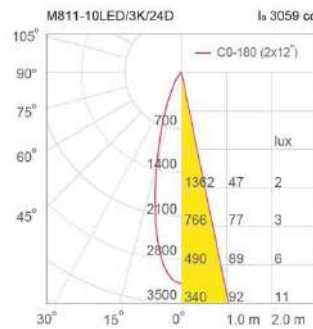
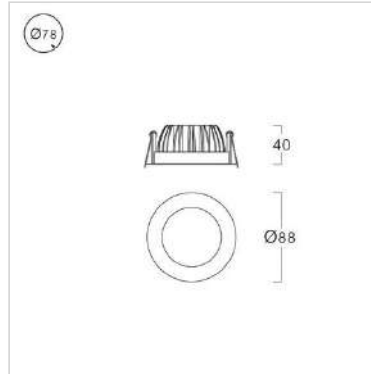
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000K
CRI	>80
Lamp Output	1258/1409 lm
Luminaire Output	1021/1144 lm*
Beam Angle	24/36/60 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	44
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RFL811/WH-10LED	10 W



Related Products



RAL811-10W



RAL811/PH-10W



RAL811/SL-10W

RAL811

Application

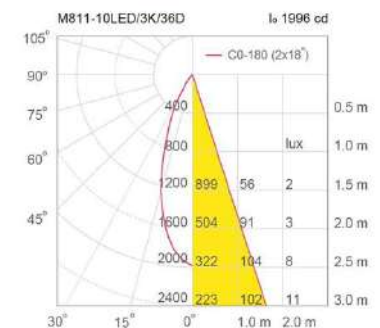
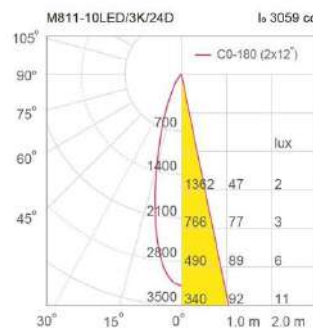
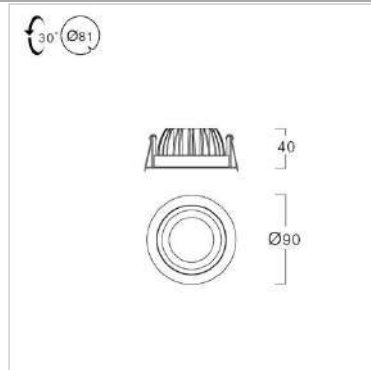
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000K
CRI	>80
Lamp Output	1258/1409 lm
Luminaire Output	1021/1144 lm*
Beam Angle	24/36/60 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	44
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL811/WH-10LED	10 W



Related Products



RFL811-10W



RAL811/PH-10W



RAL811/SL

LED IP Recessed Downlight



TIS RAL811/PH

Application

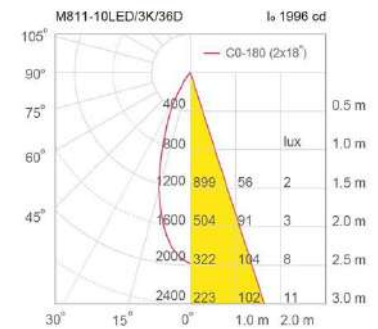
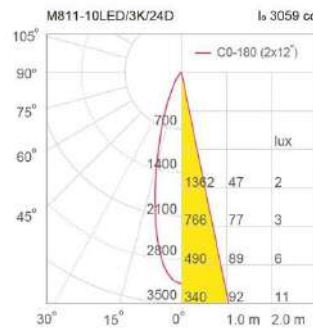
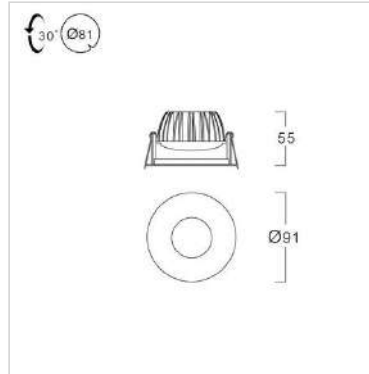
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000K
CRI	>80
Lamp Output	1258/1409 lm
Luminaire Output	1021/1144 lm*
Beam Angle	24/36/60 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	44
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL811/PH/WH-10LED	10 W



Related Products



RAL811/SL-10W



RAL811-10W



RAL811/D-10W

TIS RAL811/SL

Application

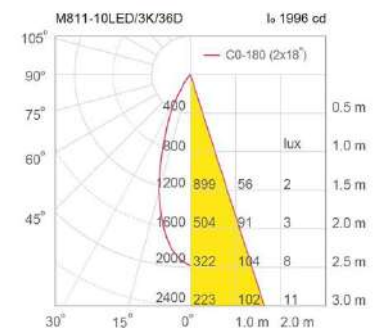
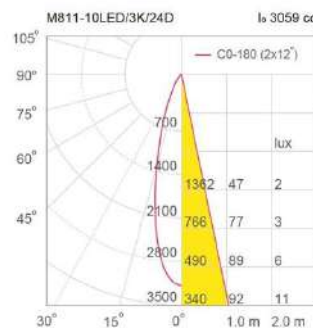
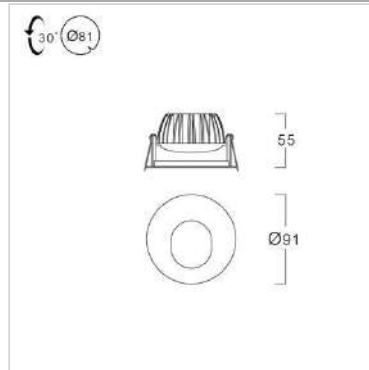
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000K
CRI	>80
Lamp Output	1258/1409 lm
Luminaire Output	1021/1144 lm*
Beam Angle	24/36/60 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	44
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL811/SL/WH-10LED	10W



Related Products



RAL811/PH-10W



RAS811/D-10W



RAL811/D-10W

LED IP Recessed Downlight



RAL811/D

Application

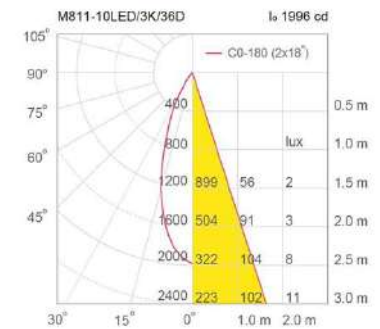
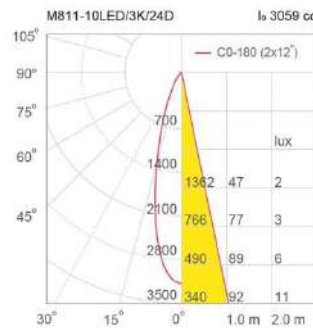
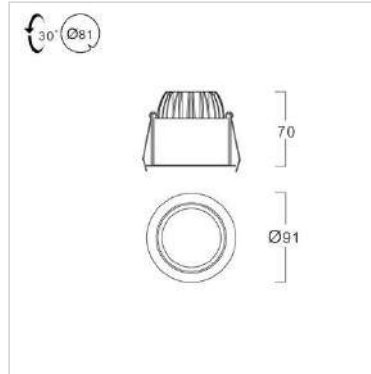
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000K
CRI	>80
Lamp Output	1258/1409 lm
Luminaire Output	1021/1144 lm*
Beam Angle	24/36/60 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	44
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL811/D/WH-10LED	10W



Related Products



RSL811/D-10W



RAL811/PH-10W



RAL811-10W

RSL811/D

Application

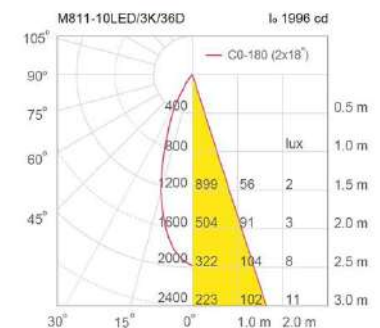
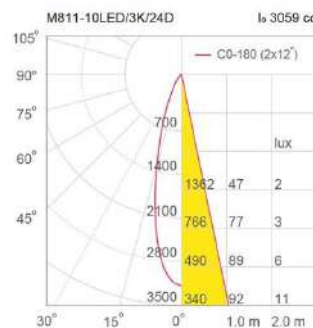
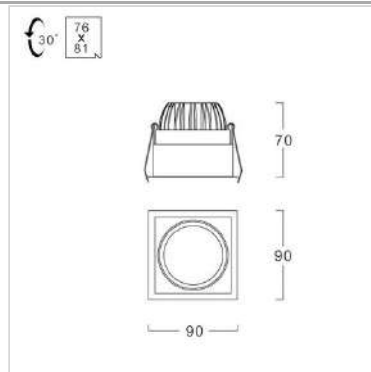
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Mounting	Recessed
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000K
CRI	>80
Lamp Output	1258/1409 lm
Luminaire Output	1021/1144 lm*
Beam Angle	24/36/60 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	44
Luminaire Lifetime	25,000 hrs.
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSL811D/WH-10LED	10 W



Related Products



RAL811-10W



RAL811/PH-10W



RAL811/D-10W

LED IP Recessed Downlight



IRDL100

Application

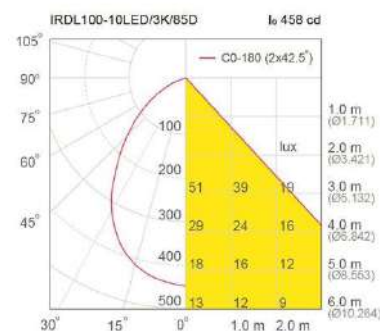
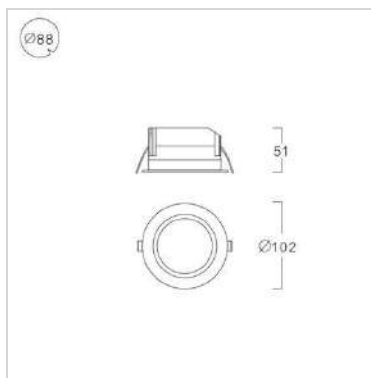
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed
Power	10W
Light Source	LED-MODULE
Colour Temperature	3000/4000/6500K
Luminaire Output	860 lm
Beam Angle	85 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.90
Insulation Class	I
IP Rating	65
Luminaire Lifetime	40,000 hrs.

Ordering Data

Model	Watt
IRDL100/WH-10LED	10W



Related Products



IRDL130-14/20W



IRDL170-23/30W



IRDL210-40/49W

IRDL130

Application

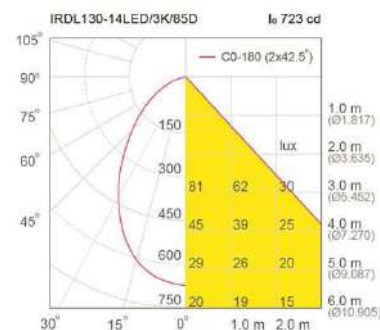
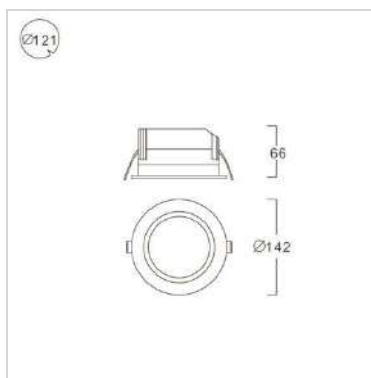
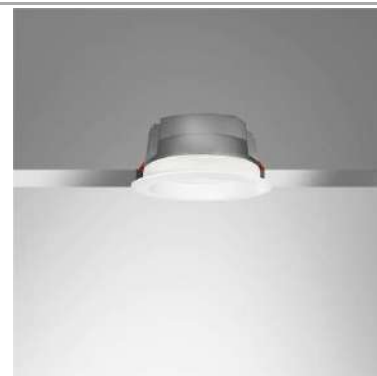
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed
Power	14/20W
Light Source	LED-MODULE
Colour Temperature	3000/4000/6500K
Luminaire Output	14W : 1400 lm 20W : 2000 lm
Beam Angle	85 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.90
Insulation Class	I
IP Rating	65
Luminaire Lifetime	40,000 hrs.

Ordering Data

Model	Watt
IRDL130/WH-14LED	14W
IRDL130/WH-20LED	20W



Related Products



IRDL100-10LED



IRDL170-23/30W



IRDL210-40/49W

LED IP Recessed Downlight



IRDL170

Application

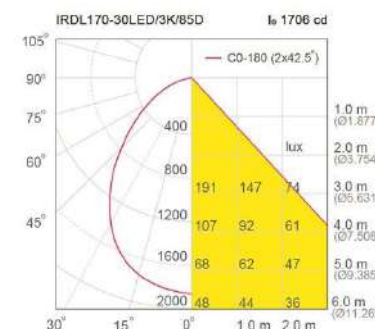
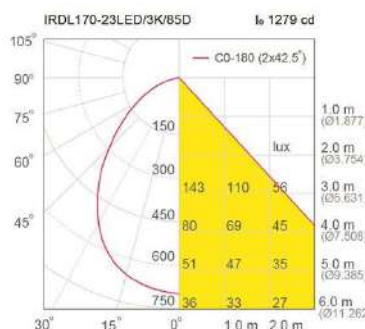
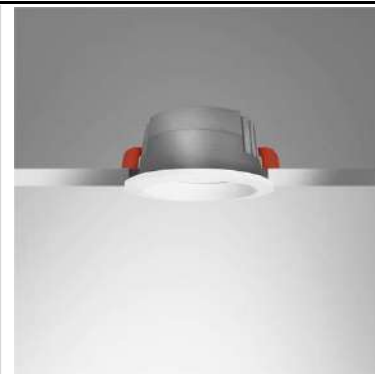
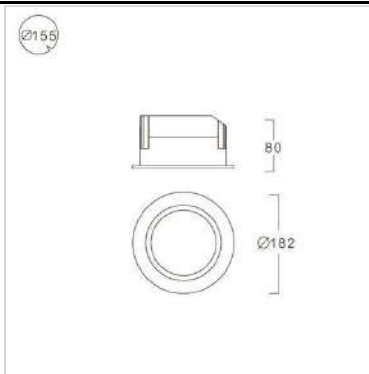
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed
Power	23/30W
Light Source	LED-MODULE
Colour Temperature	3000/4000/6500K
Luminaire Output	23W : 2300 lm 30W : 3000 lm
Beam Angle	85 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.90
Insulation Class	I
IP Rating	65
Luminaire Lifetime	40,000 hrs.

Ordering Data

Model	Watt
IRDL170/WH-23LED	23W
IRDL170/WH-30LED	30W



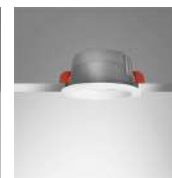
Related Products



IRDL100-10W



IRDL130-14/20W



IRDL210-40/49W

IRDL210

Application

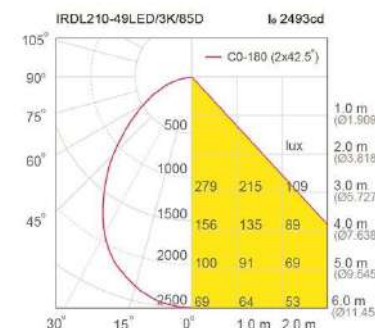
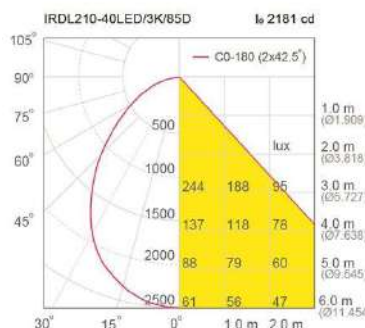
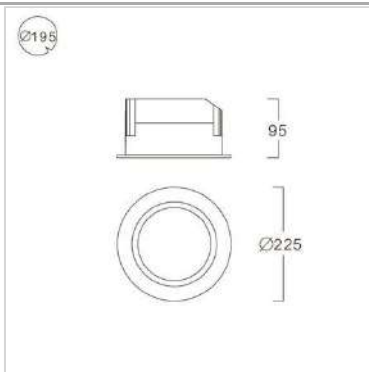
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Diffuser	Opal
Mounting	Recessed
Power	40/49W
Light Source	LED-MODULE
Colour Temperature	3000/4000/6500K
Luminaire Output	40W : 4400 lm 49W : 5390 lm
Beam Angle	85 Degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.90
Insulation Class	I
IP Rating	65
Luminaire Lifetime	40,000 hrs.

Ordering Data

Model	Watt
IRDL210/WH-40LED	40W
IRDL210/WH-49LED	49W



Related Products



IRDL100-10LED



IRDL130-14/20W



IRDL170-23/30W

LED IP Recessed Downlight



IRDL126

Application

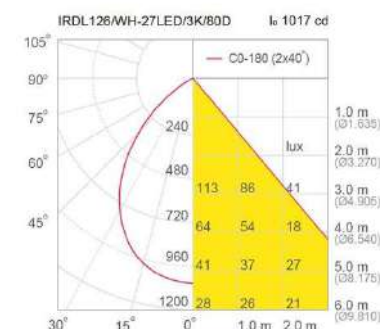
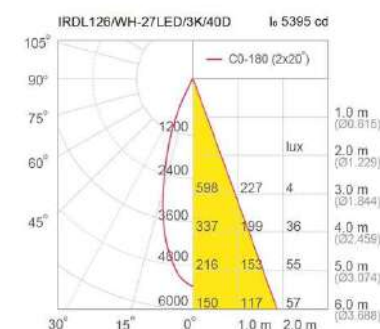
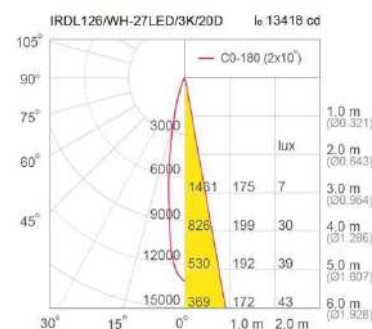
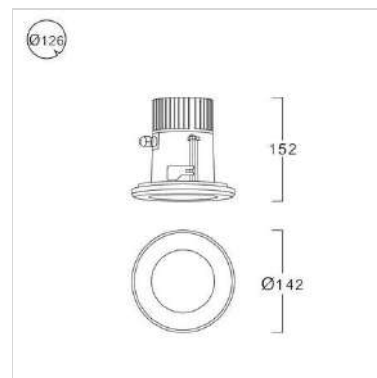
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white/Silver
Mounting	Recessed
Power	20/27W
Light Source	LED-COB
Colour Temperature	3000/4000K
Lamp Output	20W : 2200/2370 lm 27W : 2970/3199 lm
Luminaire Output	20W : 1442/1542 lm * 27W : 1948/2084 lm *
Beam Angle	20/40/80 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.90
Insulation Class	I
IP Rating	65
Luminaire Lifetime	35,000 hrs.
Equivalent	20W : MH 20W 27W : MH 35W
Remarks	* Value at 40 Degree

Ordering Data

Model	Watt
IRDL126/WH-20LED	20W
IRDL126/WH-27LED	27W



Related Products



IRDL155-30/40W

LED IP Recessed Downlight



IRDL155

Application

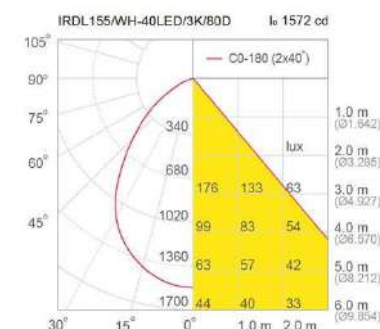
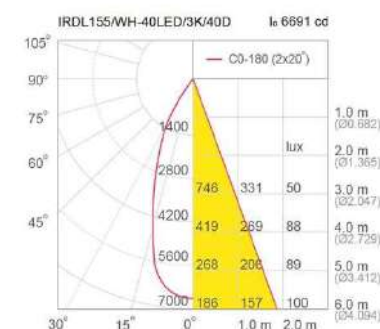
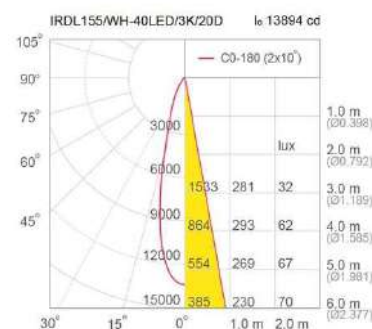
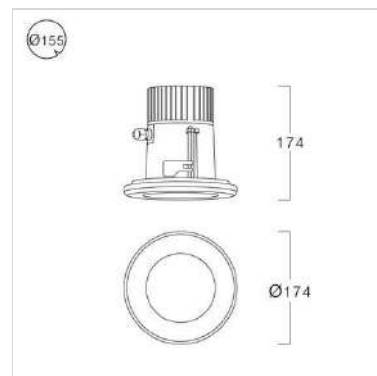
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white/Silver
Mounting	Recessed
Power	30/40W
Light Source	LED-COB
Colour Temperature	3000/4000K
Lamp Output	30W : 3500/3770 lm 40W : 4640/4964 lm
Luminaire Output	30W : 2592/2774 lm * 40W : 3457/3698 lm *
Beam Angle	20/40/80 degree
Control Gear	Separate driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	65
Luminaire Lifetime	35,000 hrs.
Equivalent	30W : MH 35W 40W : MH 70W
Remarks	* Value at 40 Degree

Ordering Data

Model	Watt
IRDL155/WH-30LED	30W
IRDL155/WH-40LED	40W



Related Products



IRDL126-20/27W

LED Surface Downlight



SAM97

Application

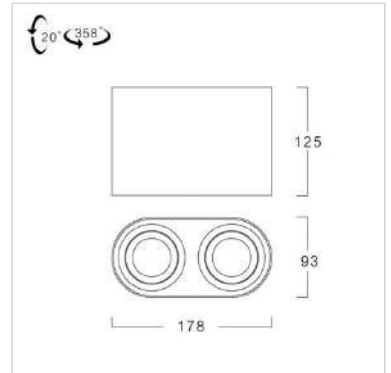
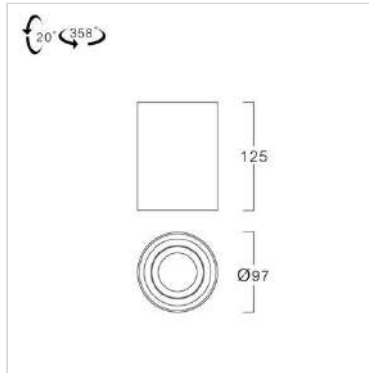
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

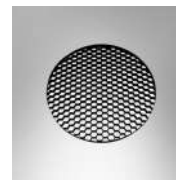
Housing	Die-cast aluminium lamp cover and extruded aluminium
Finishing	Powder Coated in white / black
Mounting	Surface
Power	1x4-8W (1 lamp) 2x8-16W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700 - 4000K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
SAM97/WH-1xXXLED-MR16	4-8W
SAM97/WH-2xXXLED-MR16	8-16W



Related Products



Honey comb



Filter



SSAM97-1xXXLED MR16

SAP97

Application

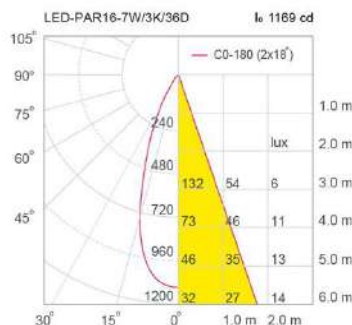
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

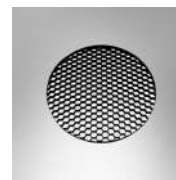
Housing	Die-cast aluminium lamp cover and extruded aluminium
Finishing	Powder Coated in white / black
Mounting	Surface
Power	1x4-7W (1 lamp) 2x7-14W (2 lamps)
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	I
IP Rating	20
Luminaire Lifetime	15,000-50,000 hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
SAP97/BK-XXLED-PAR16	4-7W
SAP97/WH-XXLED-PAR16	4-7W



Related Products



Honey comb



Filter



SSAP97-1xLED PAR16

LED Surface Downlight



ESDL100

Application

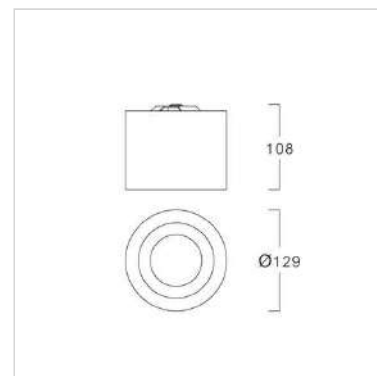
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white or black
Diffuser	Polycarbonate (PC)
Mounting	Surface
Power	10/14W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	10W : 1120/1215/1290 lm 14W : 1540/1660/1805lm
Luminaire Output	10W : 891/962/1025 lm 14W : 1173/1267/1372 lm
Beam Angle	98 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	10W : CFL 18W 14W : CFL 26W

Ordering Data

Model	Watt
ESDL100/WH-10LED	10W
ESDL100/WH-14LED	14W



Related Products



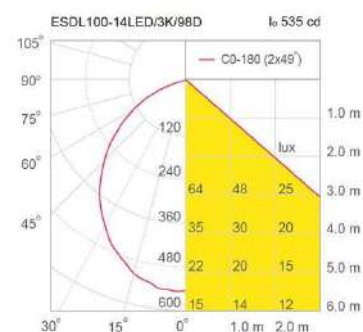
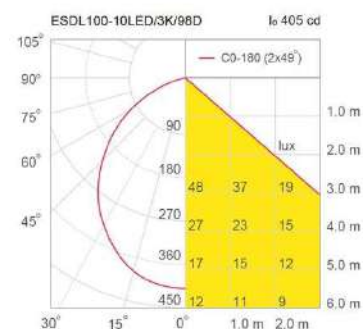
ESDL100/BK



ESDL150-14/20W



ESDL200-20/23/27W



LED Surface Downlight



ESDL150

Application

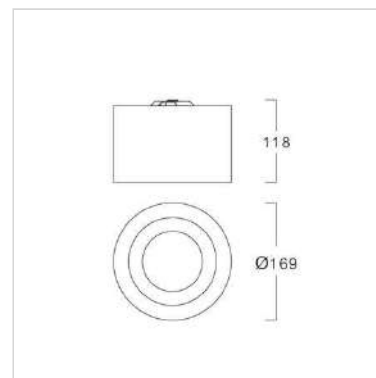
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white or black
Diffuser	Polycarbonate (PC)
Mounting	Surface
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575lm
Luminaire Output	14W : 1361/1470/1592 lm 20W : 1954/2110/2286 lm
Beam Angle	98 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	14W : CFL 32W 20W : CFL 2x18W

Ordering Data

Model	Watt
ESDL150/WH-14LED	14W
ESDL150/WH-20LED	20W



Related Products



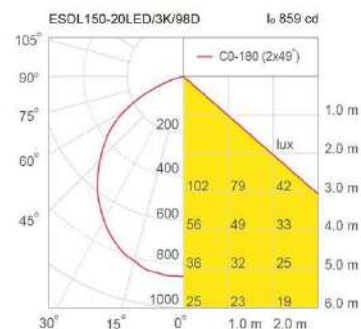
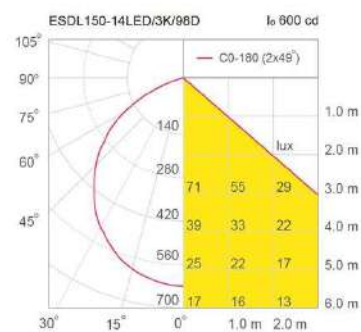
ESDL150/BK



ESDL100-10/14W



ESDL200-20/23/27W



LED Surface Downlight



ESDL200

Application

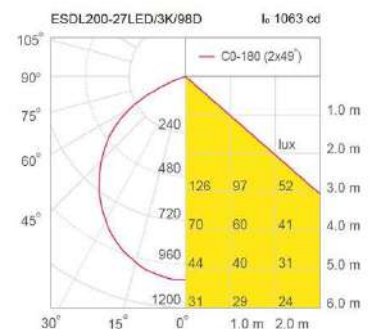
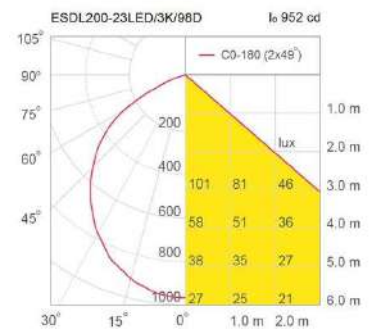
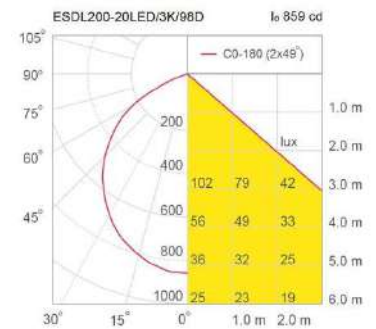
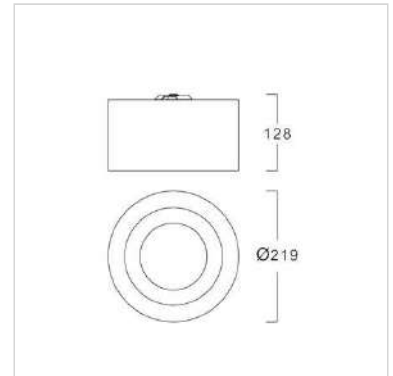
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white or black
Diffuser	Polycarbonate (PC)
Mounting	surface
Power	20/23/27W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	20W : 2200/2370/2575lm 23W : 2635/2845/3090 lm 27W : 3065/3300/3515 lm
Luminaire Output	20W : 1925/2079/2252 lm 23W : 2134/2305/2497 lm 27W : 2390/2581/2968 lm
Beam Angle	98 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	20W : CFL 2x18W 23W: CFL 2x26W 27W: CFL 2x32W

Ordering Data

Model	Watt
ESDL200/WH-20LED	20W
ESDL200/WH-23LED	23W
ESDL200/WH-27LED	27W



Related Products



ESDL200/BK



ESDL100-10/14W



ESDL150-14/20W

LED Surface Downlight



TIS SAL97

Application

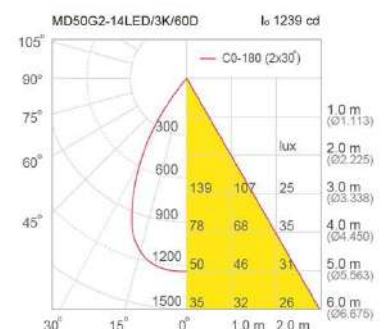
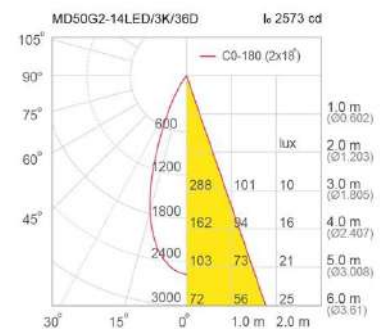
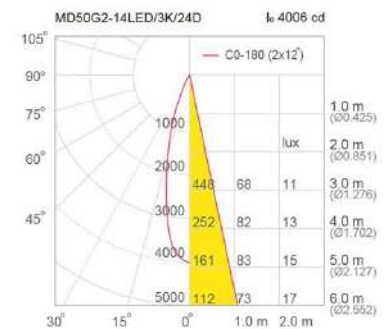
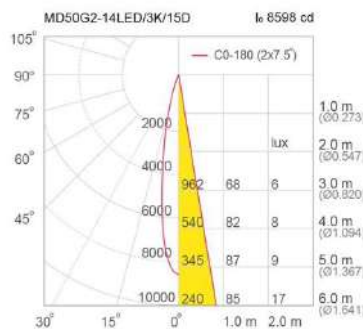
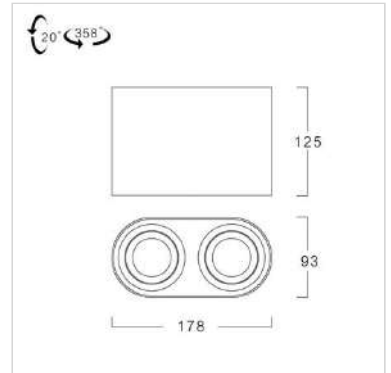
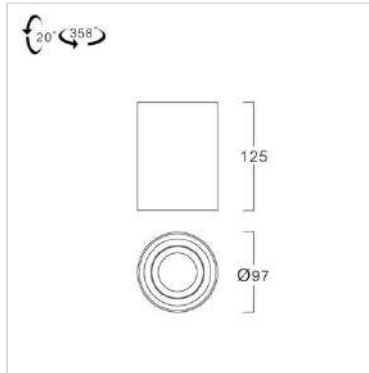
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

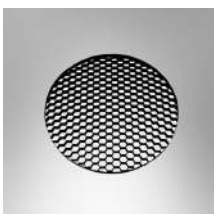
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Surface
Power	1 lamp : 14W 2 lamps : 28W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1333/1397/1530 lm
Luminaire Output	1046/1096/1200 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	25,000 hrs
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
SAL97/WH-1x14LED	14W
SAL97/WH-2x14LED	28W



Related Products



Honey comb



Filter



SSAL97-1x14W



SSAL97-2x14W

LED Surface Downlight



TIS SAL102J

Application

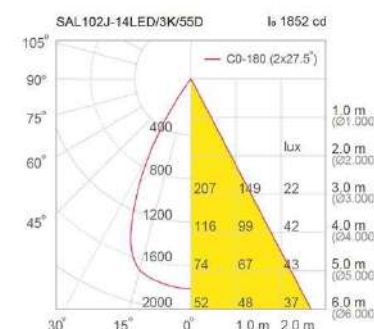
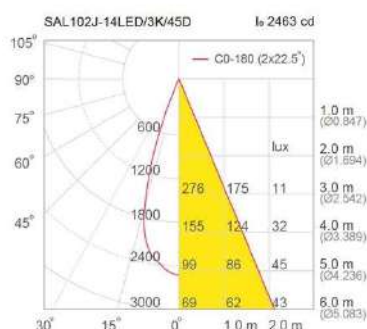
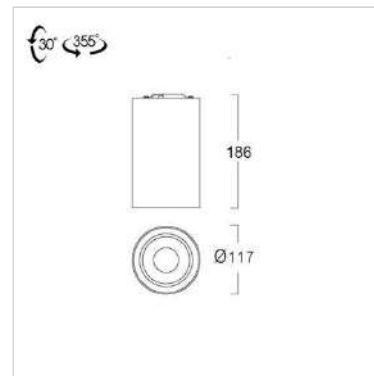
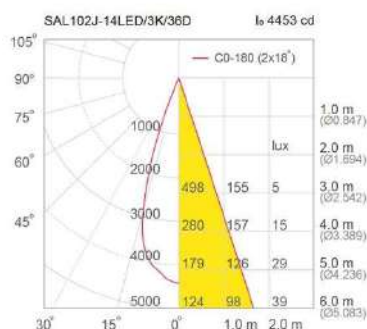
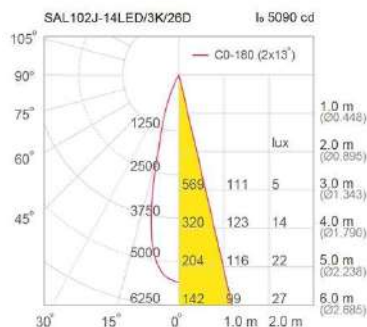
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Description	Primary reflector : Vacuum aluminum plating PC/ High quality lens 4 different secondary reflectors are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white or black
Mounting	Surface
Power	14/20/23W
Light Source	LED COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1024/1095/1172 lm * 20W : 1907/2040/2183 lm ** 23W : 2433/2603/2785 lm **
Beam Angle	14W : 10/15/26/36/45/55 Degree 20/23W : 26/36/45/55 Degree
UGR	<19
Control Gear	Built-In Driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Remarks	* Value at 15 Degree ** Value at 36 Degree

Ordering Data

Model	Watt
SAL102J/MI/WH-14LED	14W
SAL102J/MI/WH-20LED	20W
SAL102J/MI/WH-23LED	23W



Related Products



SAL102J/BK

LED Surface Downlight



SDL65

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

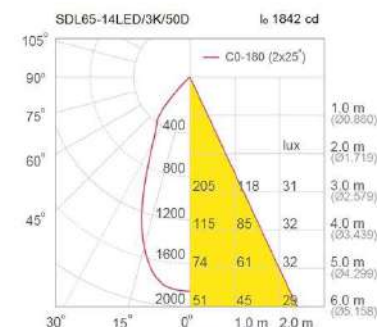
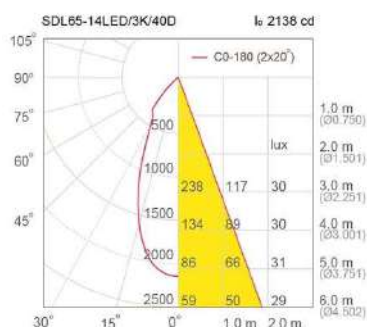
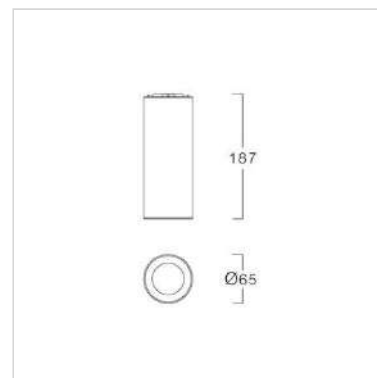
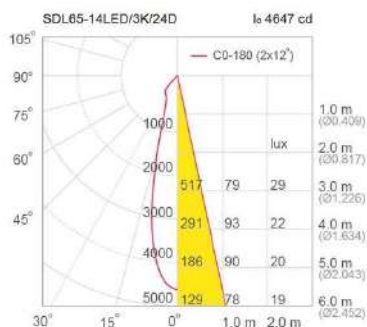
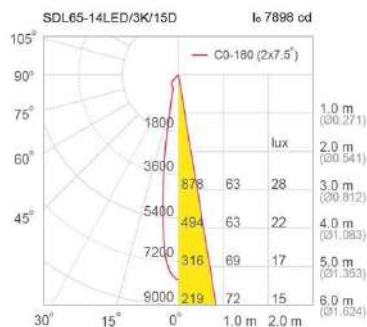
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	8/14W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	8W : 900/970/1040 lm 14W : 1540/1660/1805 lm
Luminaire Output	8W : 771/833/903 lm * 14W : 1320/1426/1544 lm *
Beam Angle	15/24/40/50 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	8W : PAR30 50W 14W : PAR30 75W

Remarks

* Value at 24 Degree

Ordering Data

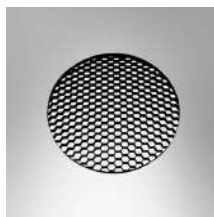
Model	Watt
SDL65/WH-8LED	8W
SDL65/WH-14LED	14W



Related Products



SDL65/BK



Honey comb



SDL80-14/20/23W



SDL110-20/23/30W



PDL65-8/14W



TRL65-8/14W



SAL65-8/14W

LED Surface Downlight



SDL80

Application

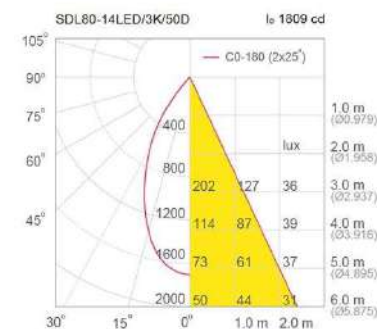
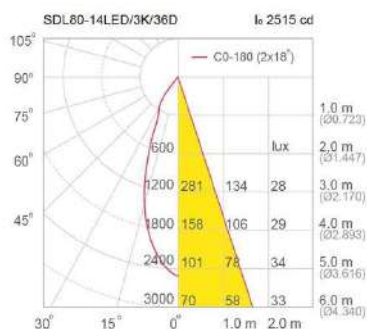
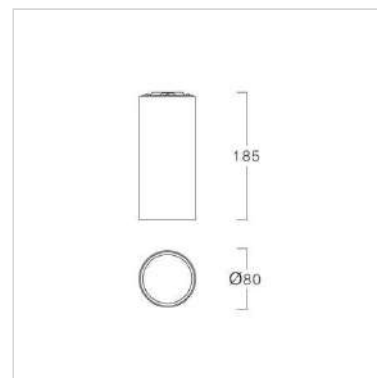
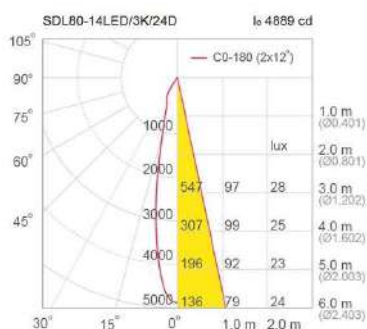
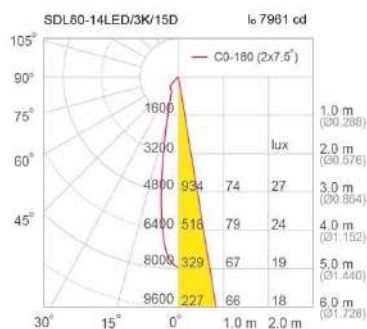
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	14/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1355/1464/1586 lm * 20W : 1769/1911/2070 lm * 23W : 2013/2174/2355 lm *
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W
Remarks	* Value at 24 degree

Ordering Data

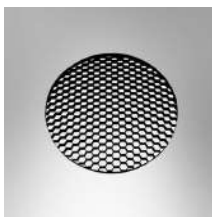
Model	Watt
SDL80/WH-14LED	14W
SDL80/WH-20LED	20W
SDL80/WH-23LED	23W



Related Products



SDL80/BK



Honey comb



SDL65-8/14W



SDL110-20/23/30W



PDL80-14/20/23W



TRL80-14/20/23W



SAL80-14/20/23W

LED Surface Downlight



SDL110

Application

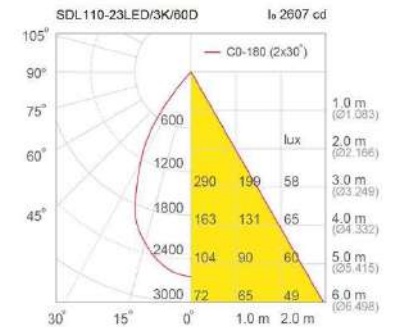
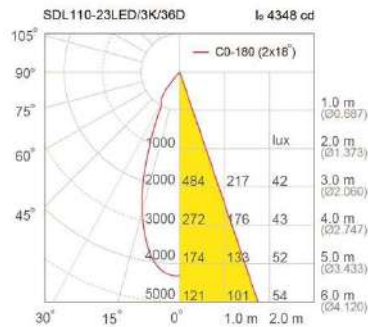
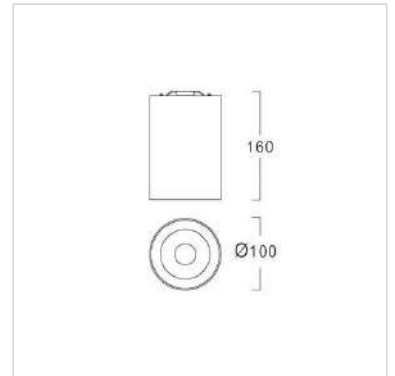
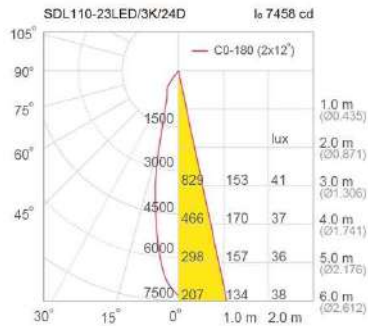
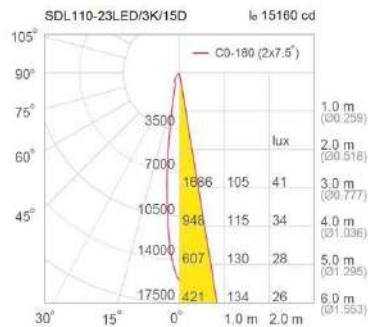
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	20/23/27W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 27W : 3065/3300/3515 lm
Luminaire Output	20W : 1805/1950/2112 lm * 23W : 2070/2236/2422 lm * 27W : 2320/2505/2668 lm *
Beam Angle	15/24/36/60 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	20W : MH 20W 23W : MH 35W 27W : MH 70W
Remarks	* Value at 24 degree

Ordering Data

Model	Watt
SDL110/WH-20LED	20W
SDL110/WH-23LED	23W
SDL110/WH-27LED	27W



Related Products



LED Surface Downlight



SDL91

Application

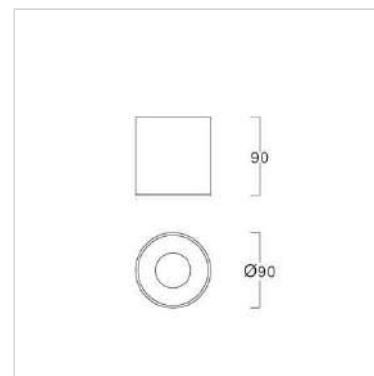
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-formed aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	10W : 1120/1215/1290 lm
Luminaire Output	10W : 764/825/894 lm
Beam Angle	65 degree
UGR	<19
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	10W : PAR30 50W

Ordering Data

Model	Watt
SDL91/WH-10LED	10W



Related Products



SDL91/BK



SDL111-14/20W



SDL131-14/20/23W



SDL169-30/35/40W



SDL193-44/49W



SSDL91-10W



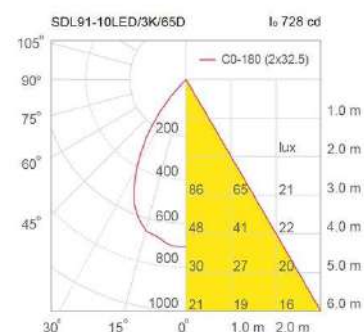
SSDL111-14/20W



SSDL131-14/20/23W



SSDL161-30/35/40/44/49W



LED Surface Downlight



SDL111

Application

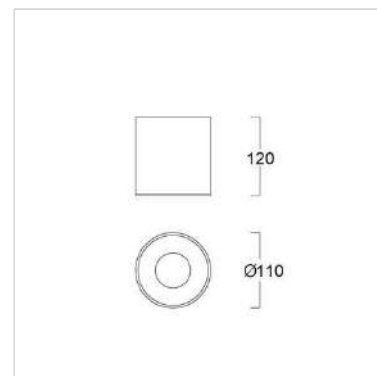
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

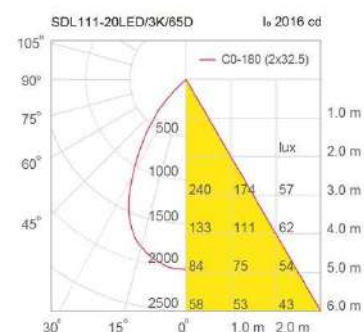
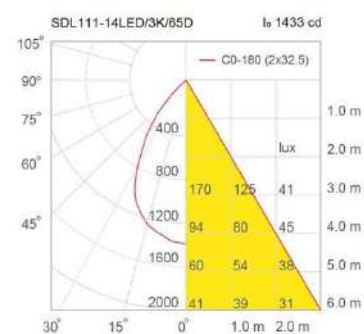
Housing	Die-formed aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm
Luminaire Output	14W : 1489/1608/1742 lm 20W : 2024/2186/2368 lm
Beam Angle	65 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : 2200/2370/2575 lm

Ordering Data

Model	Watt
SDL111/WH-14LED	14W
SDL111/WH-20LED	20W



Related Products



LED Surface Downlight



SDL131

Application

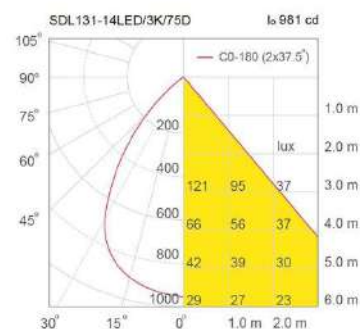
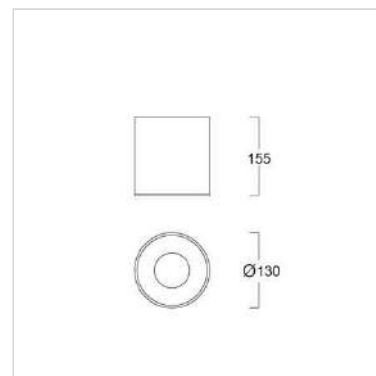
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-formed aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	14/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1304/1408/1526 lm 20W : 1751/1891/2049 lm 23W : 2009/2170/2351 lm
Beam Angle	75 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W

Ordering Data

Model	Watt
SDL131/WH-14LED	14W
SDL131/WH-20LED	20W
SDL131/WH-23LED	23W



Related Products



SDL131/BK



SDL91-10W



SDL111-14/20W



SDL169-30/35/40W



SDL193-44/49W



SSDL91-10W



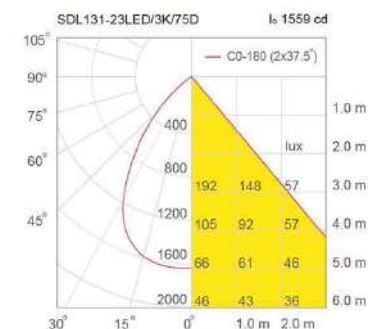
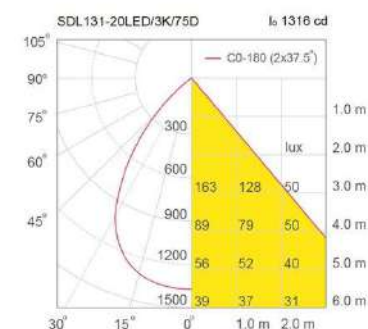
SSDL111-14/20W



SSDL131-14/20/23W



SSDL161-30/35/40/44/49W



LED Surface Downlight



TIS SDL169

Application

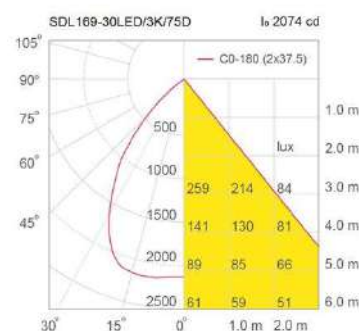
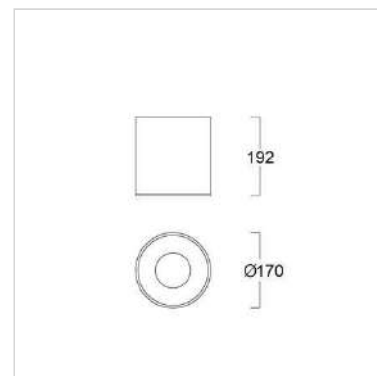
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

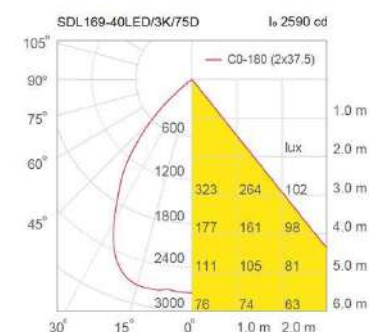
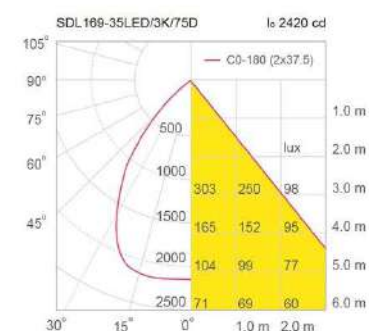
Housing	Die-formed aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	30W : 3004/3244/3515 lm 35W : 3230/3488/3779 lm 40W : 3662/3955/4285 lm
Beam Angle	75 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	30W : MH 70W 35W : MH 100W 40W : MH 100W

Ordering Data

Model	Watt
SDL169/WH-30LED	30W
SDL169/WH-35LED	35W
SDL169/WH-40LED	40W



Related Products



LED Surface Downlight



SDL193

Application

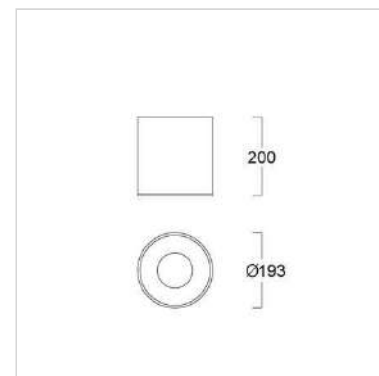
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

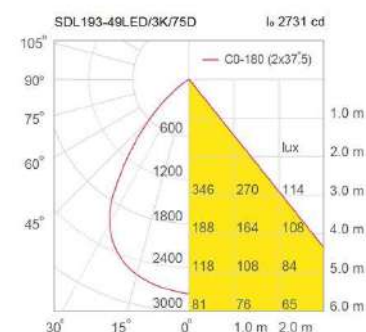
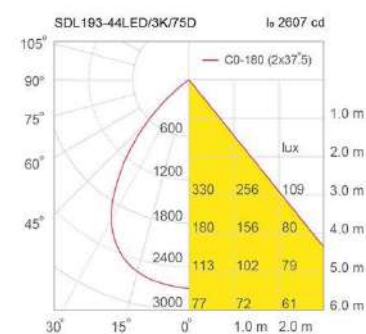
Housing	Die-formed aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	44/49W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	44W : 5110/5470/5830 lm 49W : 5555/5945/6335 lm
Luminaire Output	44W : 3769/4071/4410 lm 49W : 3977/4295/4653 lm
Beam Angle	75 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	44W : MH 150W 49W : MH 150W

Ordering Data

Model	Watt
SDL193/WH-44LED	44W
SDL193/WH-49LED	49W



Related Products



LED Surface Downlight



TIS SAL150E

Application

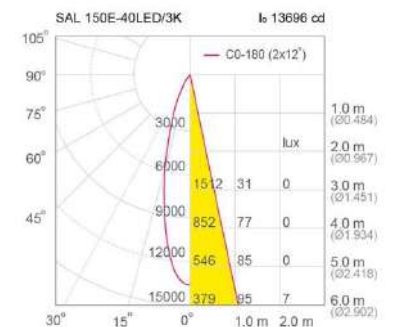
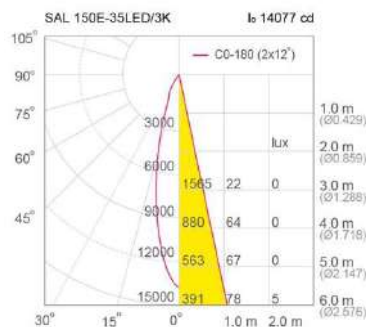
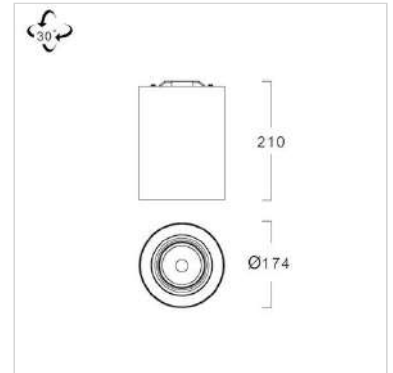
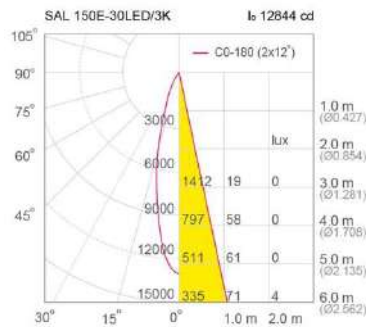
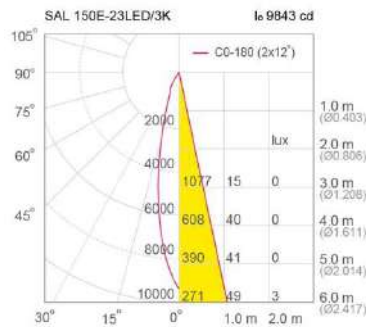
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

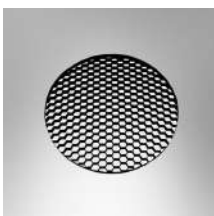
Housing	Printed steel frame and Die-cast aluminium lamp cover
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Surface
Power	23/30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
UGR	<19
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
SAL150E/WH-23LED	23W
SAL150E/WH-30LED	30W
SAL150E/WH-35LED	35W
SAL150E/WH-40LED	40W



Related Products



Honey comb



Hood



SSAL150E-1x23/30/35/40W



SSAL150E-2x23/30/35/40W

LED Surface Square/Multi Downlight



SSAM97

Application

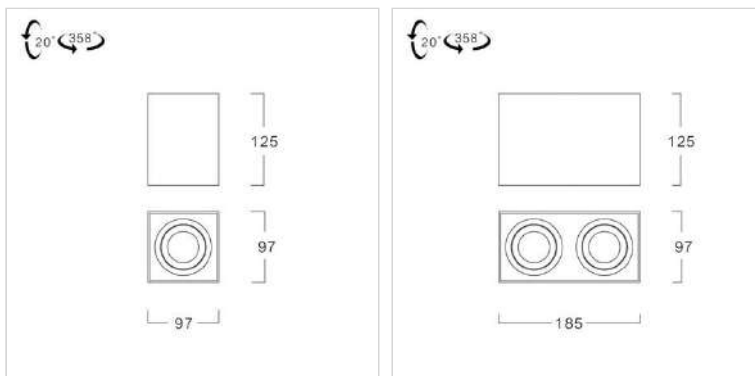
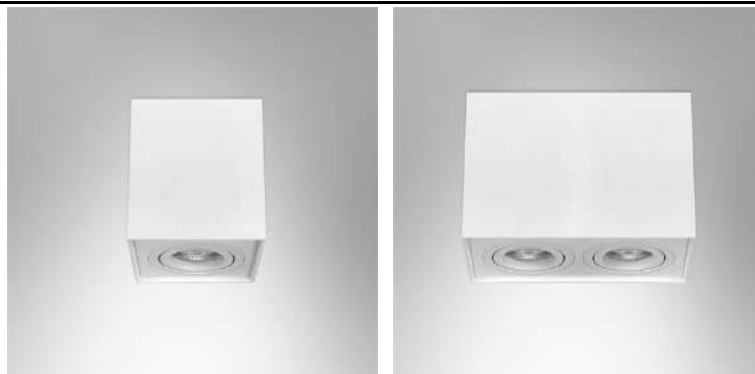
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

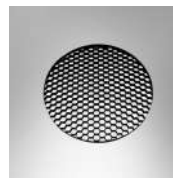
Housing	Die-cast aluminium lamp cover and extruded aluminium
Finishing	Powder Coated in white / black
Mounting	Surface
Power	1x4-8W (1 lamp) 2x8-16W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700 - 4000K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
SSAM97/WH-1xXXLED-MR16	4-8W
SSAM97/WH-2xXXLED-MR16	8-16W



Related Products



Honey comb



Filter



SAM97-XXLED MR16

SSAP97

Application

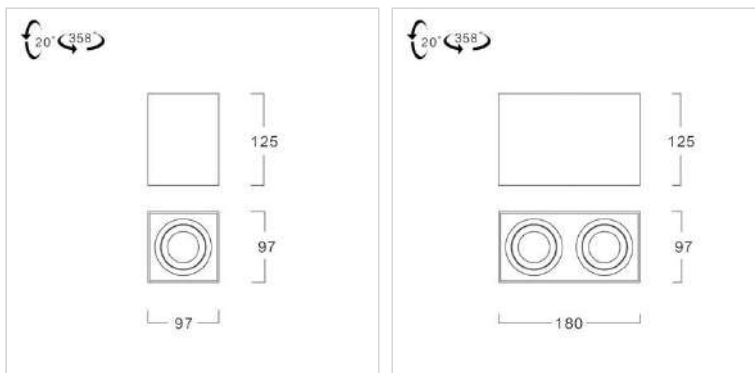
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

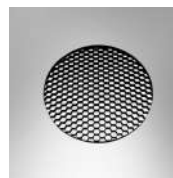
Housing	Die-cast aluminium lamp cover and extruded aluminium
Finishing	Powder Coated in white / black
Mounting	Surface
Power	1x4-7W (1 lamp) 2x4-7W (2 lamps)
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	I
IP Rating	20
Luminaire Lifetime	15,000-50,000 hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
SSAP97/WH-1xXXLED PAR16	4-7W
SSAP97/WH-2xXXLED-PAR16	8-14W



Related Products



Honey comb



Filter



SAP97-XXLED PAR16

LED Surface Square/Multi Downlight



SSAL97

Application

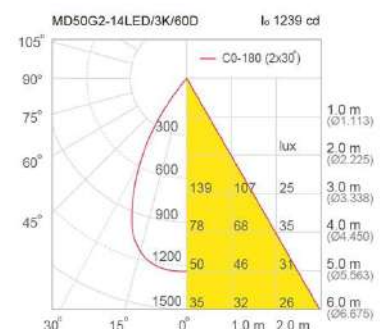
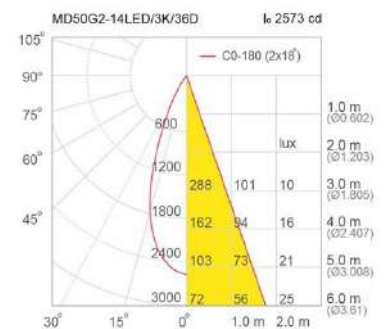
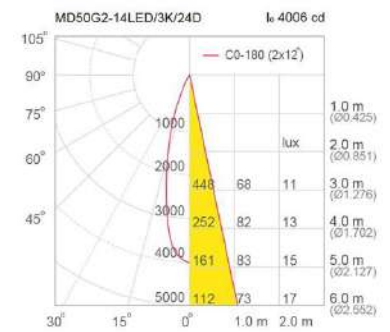
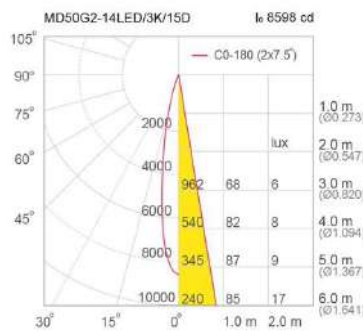
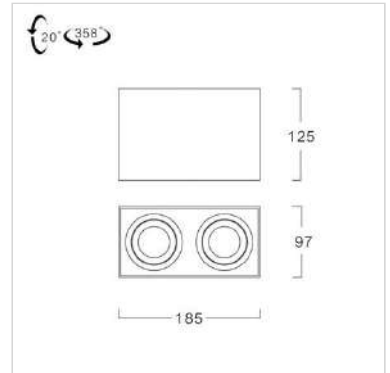
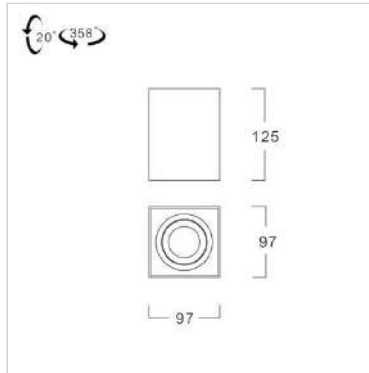
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

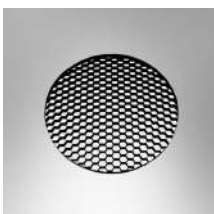
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Surface
Power	1 lamp : 14W 2 lamps : 28W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1333/1397/1530 lm
Luminaire Output	1046/1096/1200 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	25,000 hrs
Equivalent	MR16 50W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
SSAL97/WH-1x14LED	14W
SSAL97/WH-2x14LED	28W



Related Products



Honey comb



Filter



SAL97-14W



SAL97-2x14W

LED Surface Square/Multi Downlight



SSAL102

Application

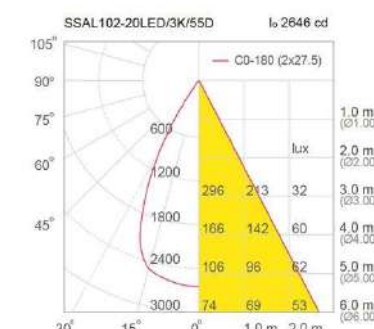
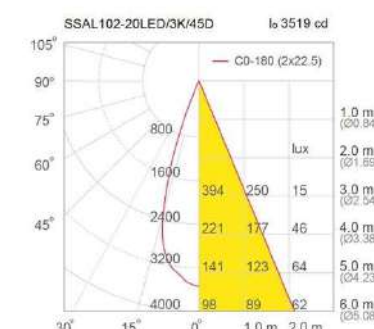
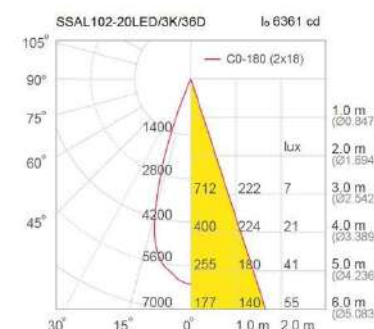
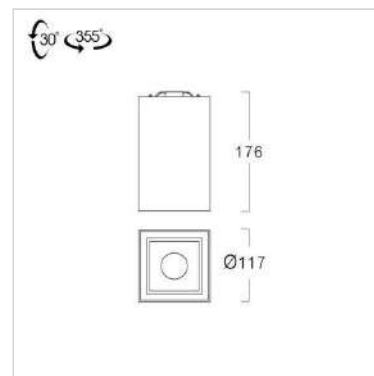
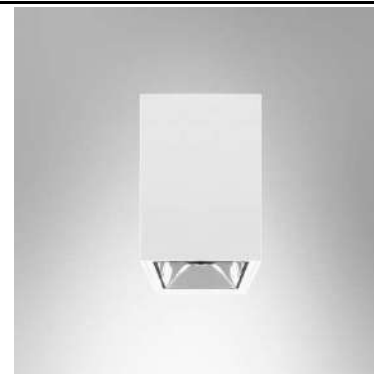
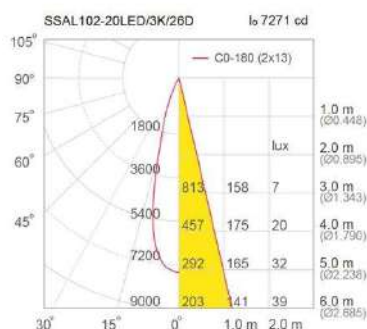
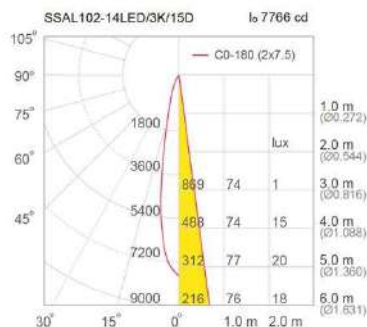
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Description	Primary reflector : Vacuum aluminum plating PC/ High quality lens 4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white or black
Mounting	Surface
Power	14/20W
Light Source	LED COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm
Luminaire Output	14W : 1024/1095/1172 lm * 20W : 1907/2040/2183 lm **
Beam Angle	14W : 15 Degree 20W : 26/36/45/55 Degree
UGR	<19
Control Gear	Built-In Driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Remarks	* Value at 15 Degree ** Value at 36 Degree

Ordering Data

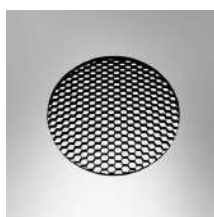
Model	Watt
SSAL102/MI/WH-14LED	14W
SSAL102/MI/WH-20LED	20W



Related Products



SSAL102/BK



Honey Comb



SAL102-14/20W



PAL102-14/20W



PSAL102-14/20W

LED Surface Square/Multi Downlight



SSDL91

Application

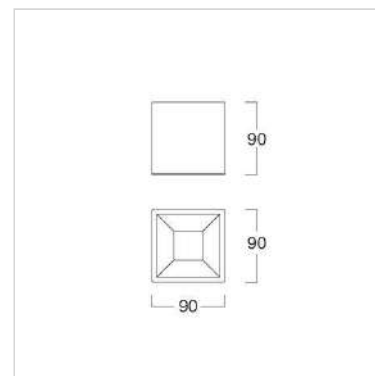
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-formed aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	10W : 1120/1215/1290 lm
Luminaire Output	10W : 926/1000/1083 lm
Beam Angle	55 degree
UGR	<19
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	10W : PAR30 50W

Ordering Data

Model	Watt
SSDL91/WH-10LED	10W



Related Products



SSDL91/BK

SDL91-10W

SDL111-14/20W

SDL131-14/20/23W



SDL169-130/35/40W

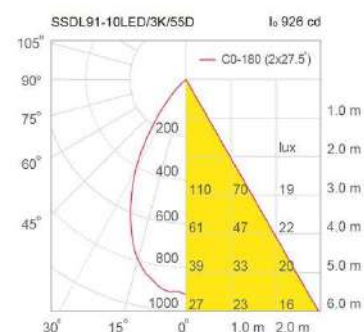
SDL193-44/49W

SSDL111-14/20W

SSDL131-14/20/23W



SSDL161-30/35/40/44/49W



LED Surface Square/Multi Downlight



SSDL111

Application

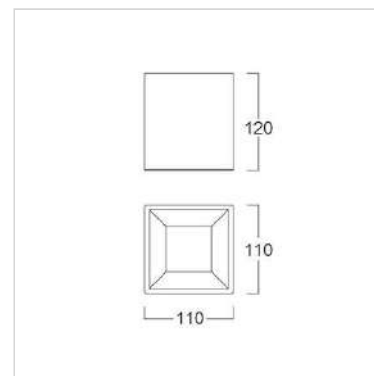
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

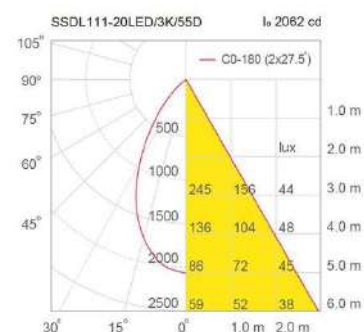
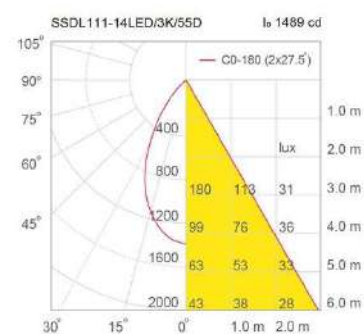
Housing	Die-formed aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm
Luminaire Output	14W : 1489/1608/1742 lm 20W : 2024/2186/2368 lm
Beam Angle	55 degree
UGR	<19
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W

Ordering Data

Model	Watt
SSDL111/WH-14LED	14W
SSDL111/WH-20LED	20W



Related Products



LED Surface Square/Multi Downlight



SSDL131

Application

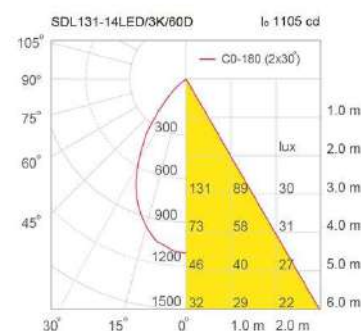
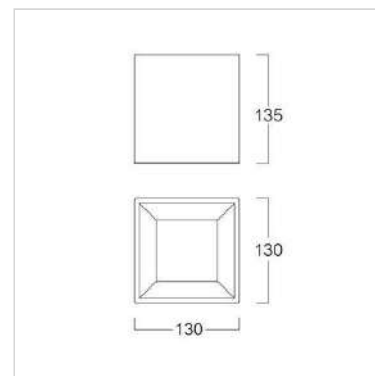
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-formed aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	14/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1300/1404/1521 lm 20W : 1762/1903/2062 lm 23W : 1985/2144/2322 lm
Beam Angle	60 degree
UGR	<19
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W

Ordering Data

Model	Watt
SSDL131/WH-14LED	14W
SSDL131/WH-20LED	20W
SSDL131/WH-23LED	23W



Related Products



SSDL131/BK



SDL91-10W



SDL111-14/20W



SSDL131-14/20/23W



SDL169-30/35/40W



SDL193-44/49W



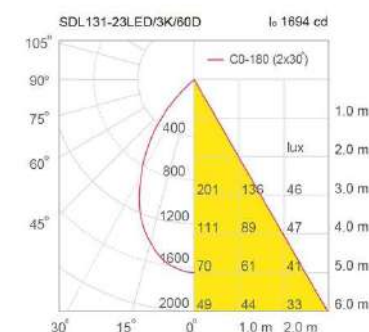
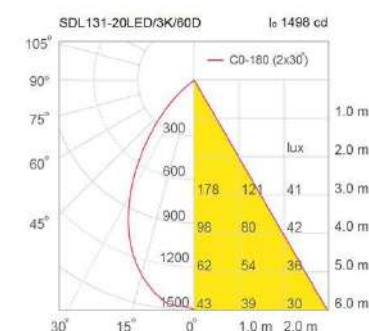
SSDL91-10W



SSDL111-14/20W



SSDL161-30/35/40/44/49W



LED Surface Square/Multi Downlight



SSDL161

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-formed aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	30/35/40/44/49W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm 44W : 5110/5470/5830 lm 49W : 5555/5945/6335 lm
Luminaire Output	30W : 3006/3246/3457 lm 35W : 3246/3506/3733 lm 40W : 3697/3956/4178 lm 44W : 4200/4494/4788 lm 49W : 4678/5005/5333 lm
Beam Angle	65 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	30W : MH 70W 35/40W : MH 100W 44/49W : MH 150W

Ordering Data

Model	Watt
SSDL161/WH-30LED	30W
SSDL161/WH-35LED	35W
SSDL161/WH-40LED	40W
SSDL161/WH-44LED	44W
SSDL161/WH-49LED	49W

Related Products



SSDL161/BK



SDL91-10W



SDL111-14/20W



SDL131-14/20/23W



SDL169-30/35/40W



SDL193-44/49W



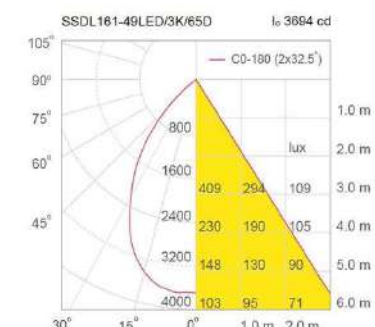
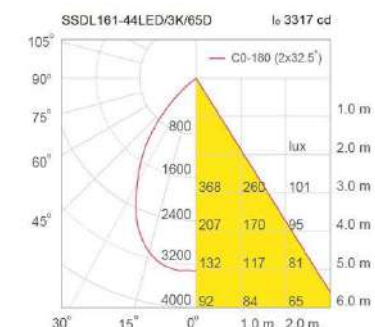
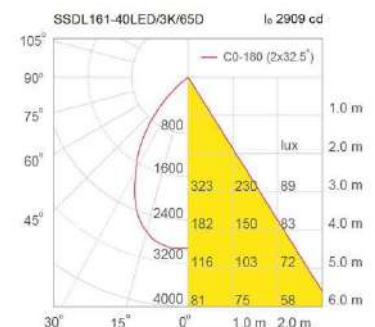
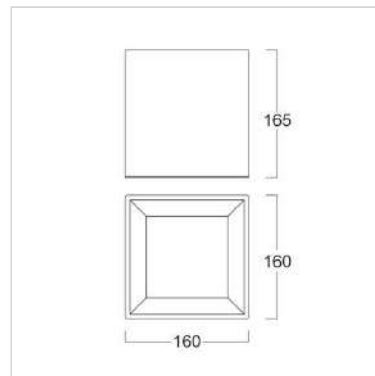
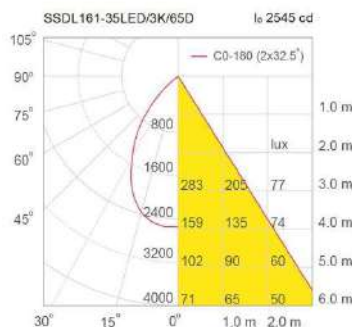
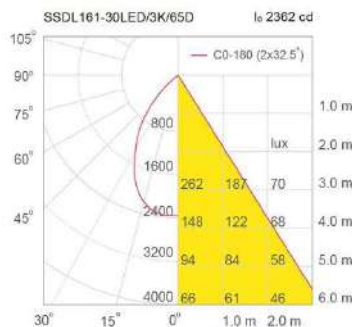
SSDL91-10W



SSDL111-14/20W



SSDL131-14/20/23W



LED Surface Square/Multi Downlight



SSAL115E

Application

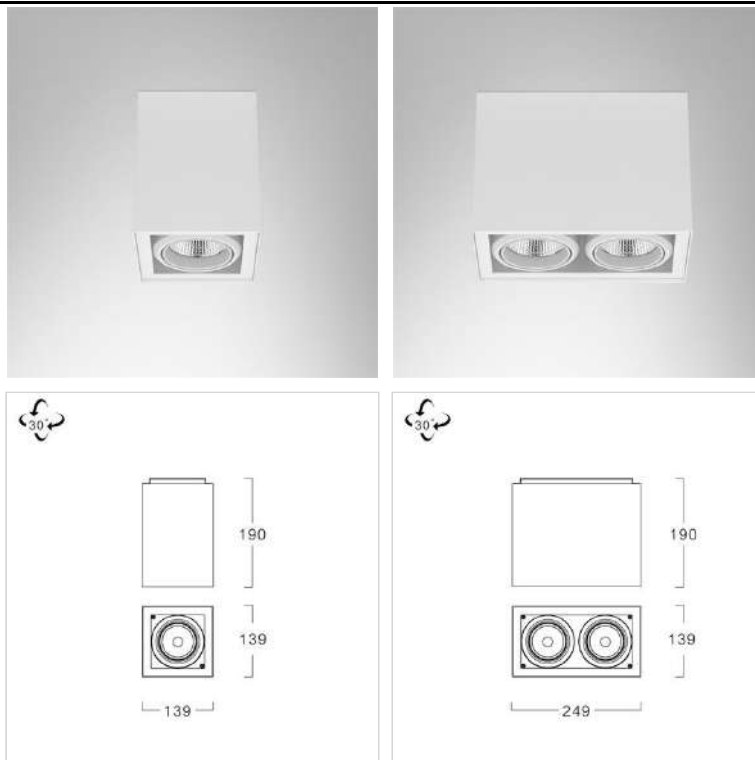
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

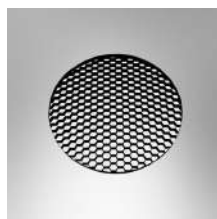
Housing	Printed steel frame and Die-cast aluminium lamp cover
Finishing	Powder coated in white / black
Mounting	Surface
Power	1 lamp : 14W / 2 lamps : 28W 1 lamp : 20W / 2 lamps : 40W 1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	14W : 1342/1449/1570 lm* 20W : 1854/2002/2169 lm* 23W : 2135/2305/2497 lm* 30W : 2914/3147/3351 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W 30W : MH 70W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
SSAL115E/WH-1x14LED	14W
SSAL115E/WH-1x20LED	20W
SSAL115E/WH-1x23LED	23W
SSAL115E/WH-2x14LED	28W
SSAL115E/WH-1x30LED	30W
SSAL115E/WH-2x20LED	40W
SSAL115E/WH-2x23LED	46W
SSAL115E/WH-2x30LED	60W



Related Products



Honey comb



Hood



SAL115E-14/20/23/30W



SAL150E-23/30/35/40W

LED Surface Square/Multi Downlight



SSAL150E

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

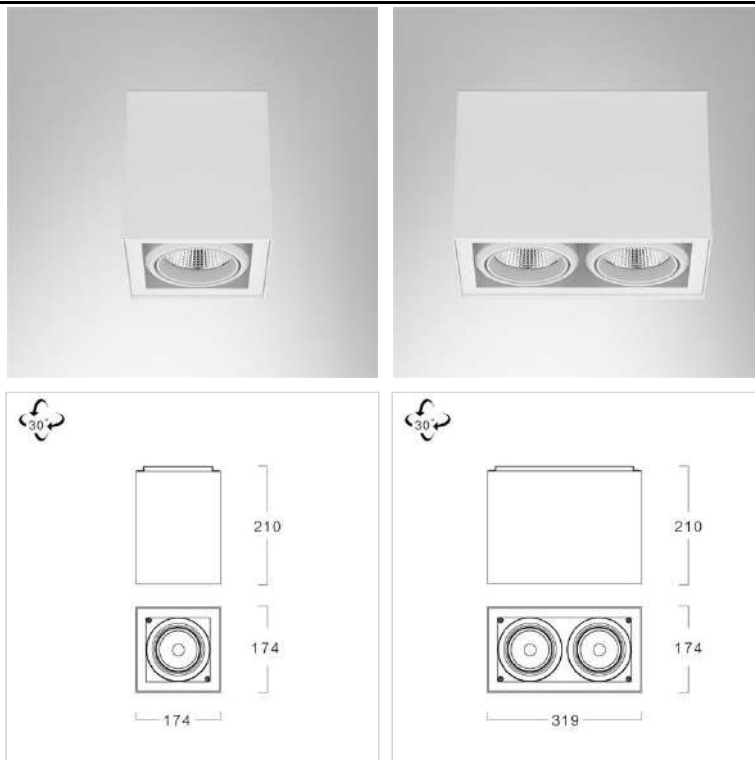
Housing	Printed steel frame and Die-cast aluminium lamp cover
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Surface
Power	1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W 1 lamp : 35W / 2 lamps : 70W 1 lamp : 40W / 2 lamps : 80W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	23W : 2204/2380/2579 lm* 30W : 3110/3359/3577 lm* 35W : 3403/3675/3913 lm* 40W : 3919/4193/4428 lm*
Beam Angle	14/24/36/45/60 Degree
UGR	<19
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	23W : MH 35W 30W : MH 70W 35W : MH 100W 40W : MH 100W

Remarks

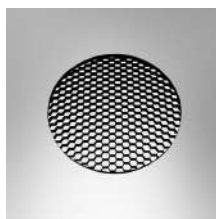
*Value at 24 Degree

Ordering Data

Model	Watt
SSAL150E/WH-1x23LED	23W
SSAL150E/WH-1x30LED	30W
SSAL150E/WH-1x35LED	35W
SSAL150E/WH-1x40LED	40W
SSAL150E/WH-2x23LED	46W
SSAL150E/WH-2x30LED	60W
SSAL150E/WH-2x35LED	70W
SSAL150E/WH-2x40LED	80W



Related Products



Honey comb



Hood



SAL150E-23/30/35/40W



SAL115E-14/20/23/30W

LED IP Surface Downlight



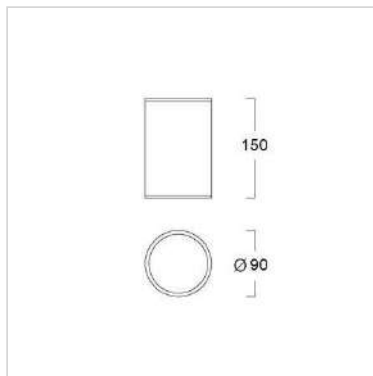
ISDP90

Application

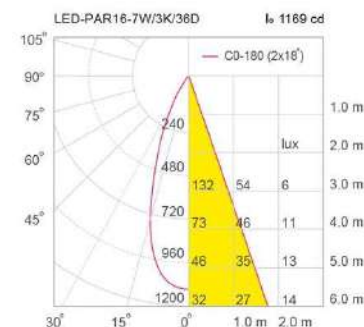
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Diffuser	Clear tempered glass
Dimension	Dia. 90x150 mm.
Mounting	Ceiling
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700-6500K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	I
IP Rating	65
Luminaire Lifetime	15,000 -50,000hrs.
Equivalent	PAR16 35 - 50W
Remarks	Install on ceiling only



Related Products



ISDP90/BK



ISDP108-XXLED-E27

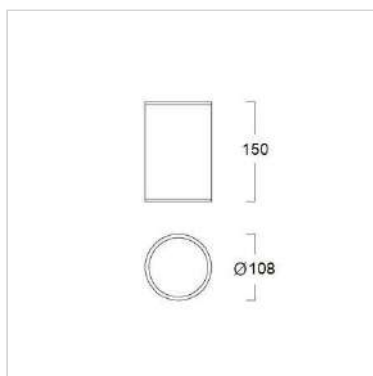
ISDP108

Application

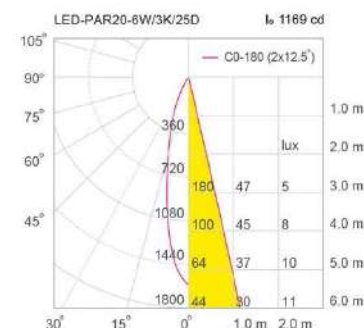
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Diffuser	Clear tempered glass
Mounting	Ceiling
Power	4-6W
Light Source	LED-PAR20 LED-BULB E27 B45
Lamp Holder	E27
Colour Temperature	2700 - 6500K
Lamp Output	6W : 3000K : 600 lm : LED-PAR20 3W : 3000K : 250 lm : LED-BULB B45 6W : 3-6.5K : 420 lm : LED-BULB B45
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	>0.9
Insulation Class	I
IP Rating	55
LED Lifetime	20,000-45,000 hrs.
Equivalent	PAR20 50W CFL 8-14W
Remarks	Install on ceiling only



Related Products



ISDP108/BK



ISDP90-XXLED-GU10

LED IP Surface Downlight



ISDP146

Application

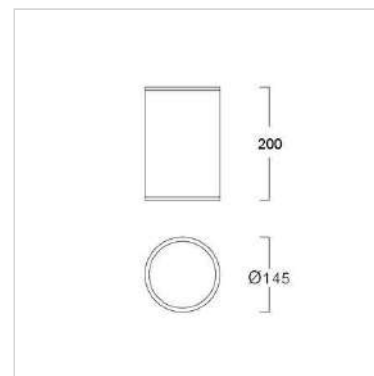
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Diffuser	Clear tempered glass
Mounting	surface/Pendent
Power	7-10W
Light Source	LED-PAR30 LED-BULB
Lamp Holder	E27
Colour Temperature	2700 - 6500K
Lamp Output	10W : 3000K : 1000 lm : LED-PAR30 9.5W : 3000/6500K : 800 lm : LED-BULB
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	>0.9
Insulation Class	I
IP Rating	55
LED Lifetime	20,000-45,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
ISDP146/WH-E27	7-10W



Related Products



ISDP146/BK

ISSP120

Application

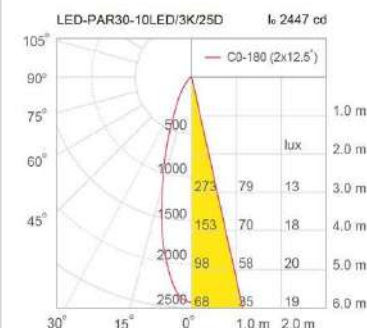
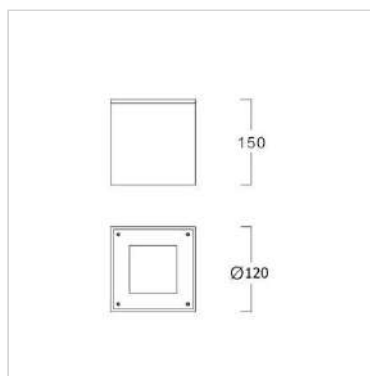
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Diffuser	Clear tempered glass
Mounting	Ceiling
Power	7-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	3000/4000/6500K
Lamp Output	10W : 3000K : 1000 lm : LED-PAR30
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
IP Rating	55
LED Lifetime	20,000-45,000 hrs.
Equivalent	PAR30 75W
Remarks	Install on ceiling only

Ordering Data

Model	Watt
ISSP120/WH-XXLED-E27	7-10W



Related Products



ISSP120/BK

LED IP Surface Downlight



ISDL1215

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

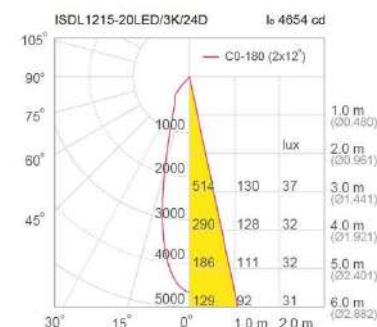
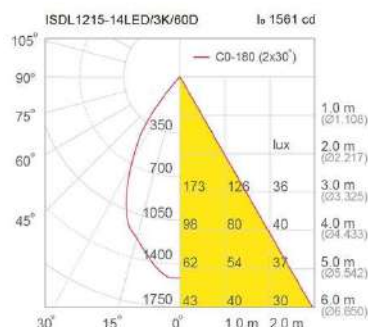
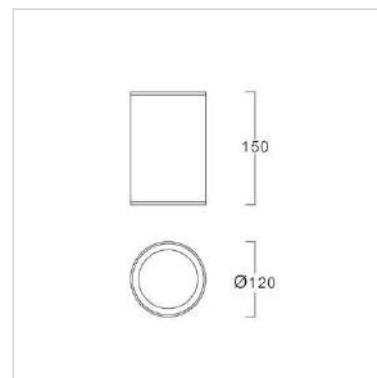
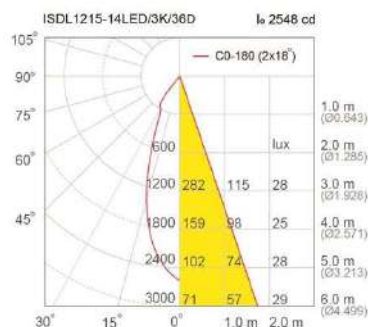
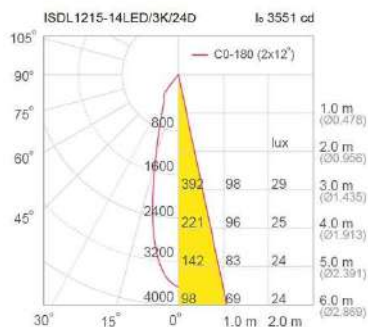
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	Ceiling
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm
Luminaire Output	14W : 1305/1409/1527 lm * 20W : 1704/1840/1994 lm *
Beam Angle	24/36/60 Degree
UGR	<19
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	65
LED Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W

Remarks

Install on ceiling only
* Value at 24 Degree

Ordering Data

Model	Watt
ISDL1215/WH-14LED	14W
ISDL1215/WH-20LED	20W



Related Products



ISDL1215/BK



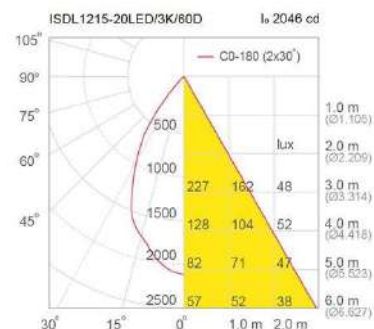
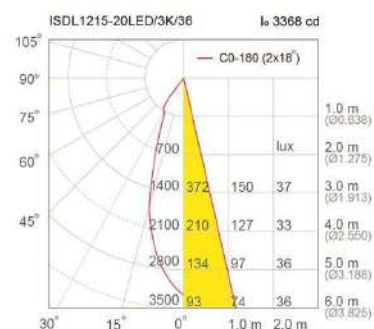
ISDL1010-10W



ISDL1515-23/30W



ISDL2020-40/44W



LED IP Surface Downlight



ISDL1010

Application

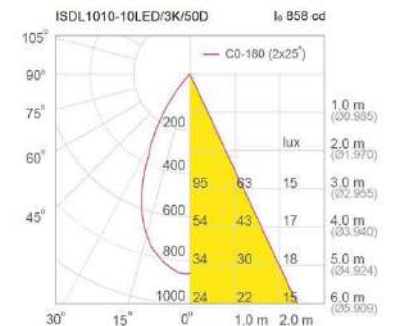
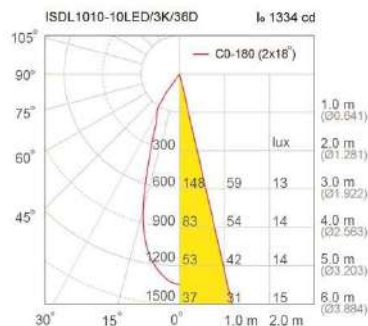
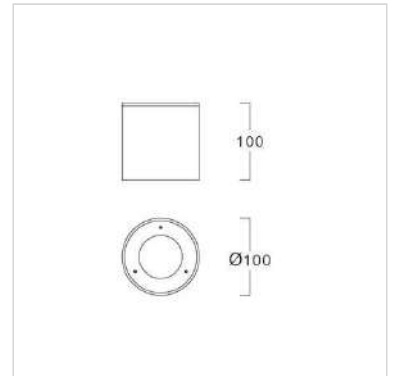
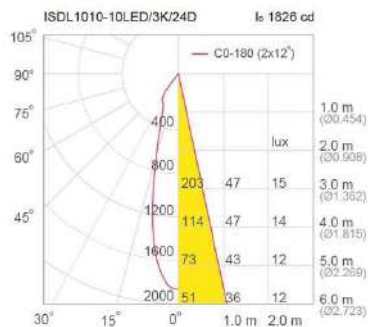
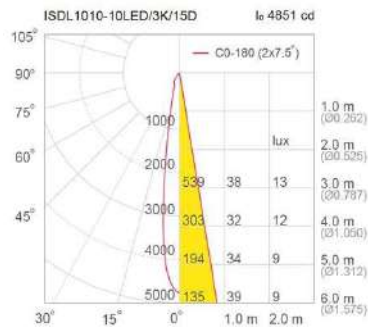
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Mounting	Ceiling
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1120/1215/1290 lm
Luminaire Output	662/715/761 lm *
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	65
LED Lifetime	40,000 hrs.
Equivalent	10W : PAR30 35W
Remarks	Install on ceiling only * Value at 24 Degree

Ordering Data

Model	Watt
ISDL1010/BK-10LED	10W



Related Products



ISSL1010-10W



ISDL1515-23/30W



ISSL1515-23/30W



ISDL2020-40/44W



ISSL2020-40/44W

LED IP Surface Downlight



ISSL1010

Application

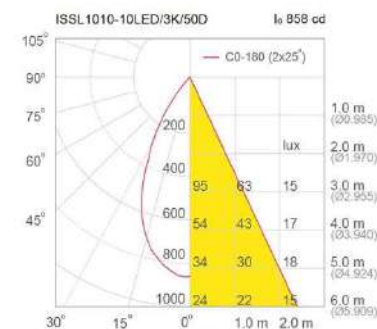
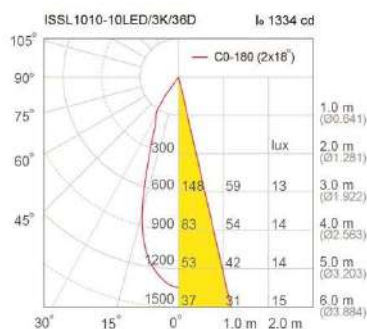
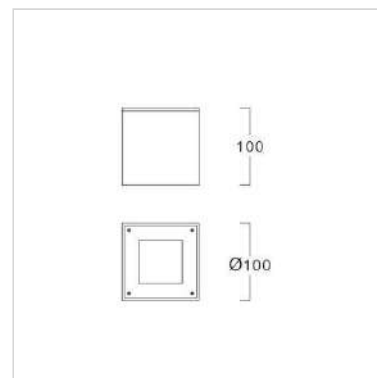
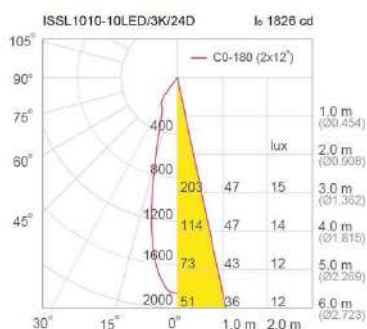
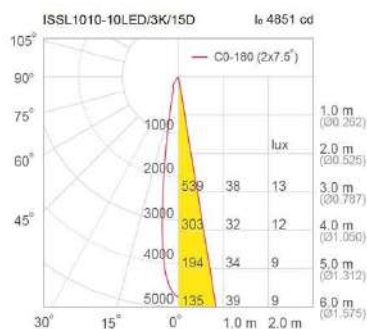
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Mounting	Ceiling
Power	10W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	1120/1215/1290 lm
Luminaire Output	662/715/761 lm *
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	65
LED Lifetime	40,000 hrs.
Equivalent	10W : PAR30 35W
Remarks	Install on ceiling only * Value at 24 degree

Ordering Data

Model	Watt
ISSL1010/BK-10LED	10W



Related Products



ISDL1010-10W



ISDL1515-23/30W



ISSL1515-23/30W



ISDL2020-40/44W



ISSL2020-40/44W

LED IP Surface Downlight



ISDL1515

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

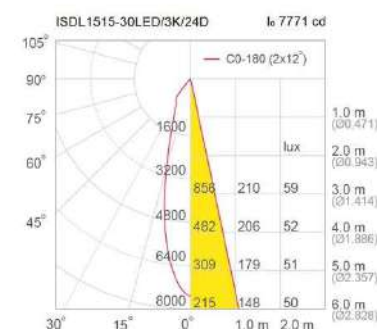
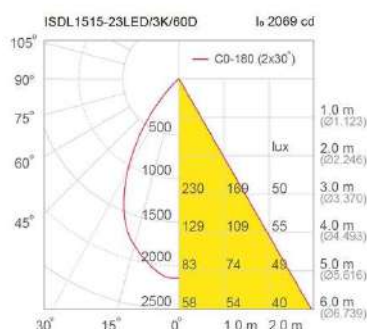
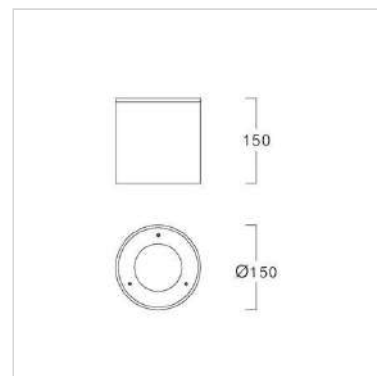
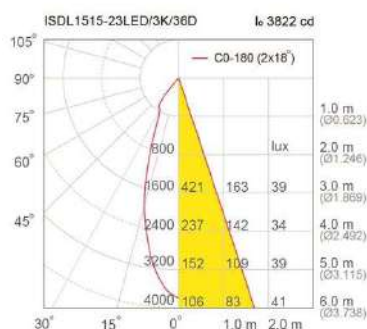
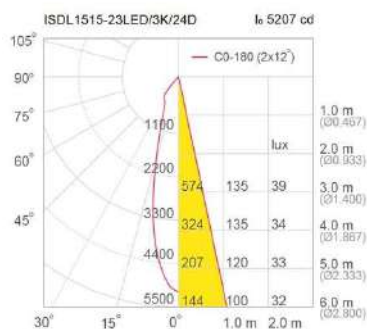
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Mounting	Ceiling
Power	23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	23W : 1821/1967/2131 lm * 30W : 2767/2988/3182 lm *
Beam Angle	24/36/60 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	65
LED Lifetime	40,000 hrs.
Equivalent	23W : MH 35W 30W : MH 70W

Remarks

Install on ceiling only
* Value at 24 Degree

Ordering Data

Model	Watt
ISDL1515/BK-23LED	23W
ISDL1515/BK-30LED	30W



Related Products



ISDL1010-10W



ISSL1010-10W



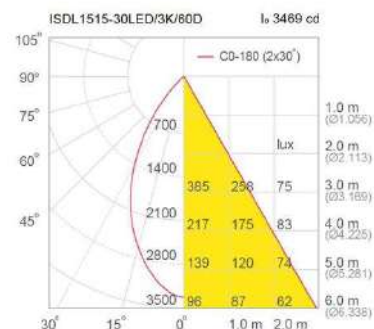
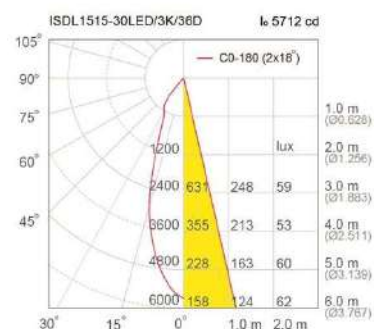
ISSL1515-23/30W



ISDL2020-40/44W



ISSL2020-40/44W



LED IP Surface Downlight



ISSL1515

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

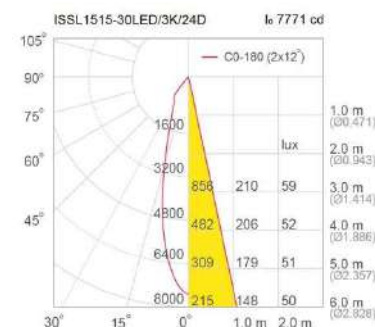
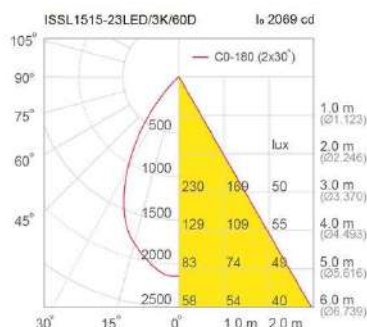
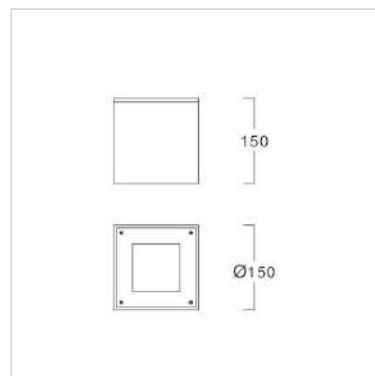
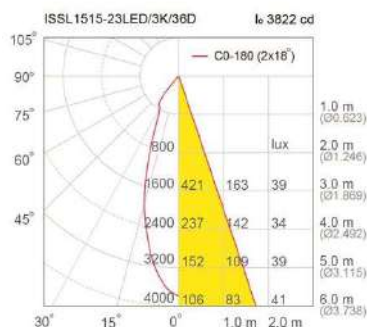
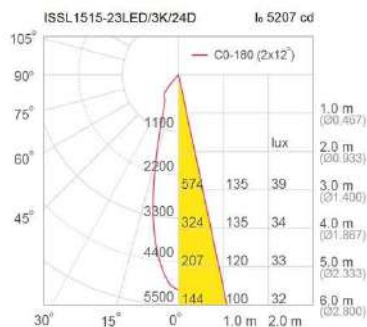
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Mounting	Ceiling
Power	23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	23W : 1821/1967/2131 lm * 30W : 2767/2988/3182 lm *
Beam Angle	24/36/60 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	65
LED Lifetime	40,000 hrs.
Equivalent	23W : MH 35W 30W : MH 70W

Remarks

Install on ceiling only
* Value at 24 Degree

Ordering Data

Model	Watt
ISSL1515/BK-23LED	23W
ISSL1515/BK-30LED	30W



Related Products



ISDL1010-10W



ISSL1010-10W



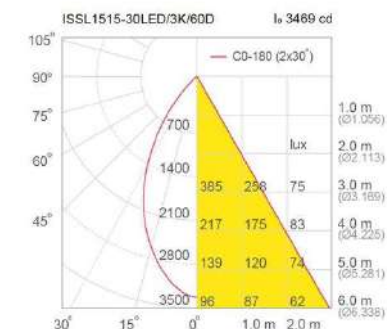
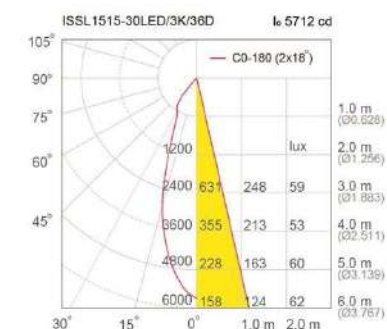
ISDL1515-23/30W



ISDL2020-40/44W



ISSL2020-40/44W



LED IP Surface Downlight



ISDL2020

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

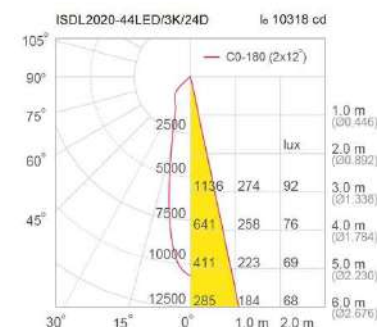
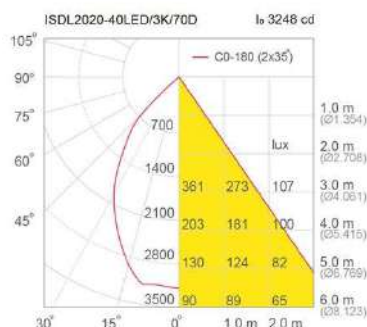
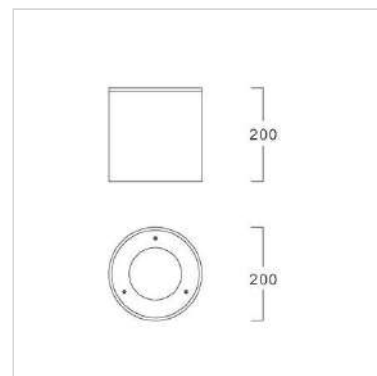
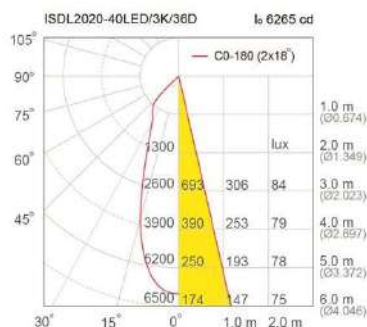
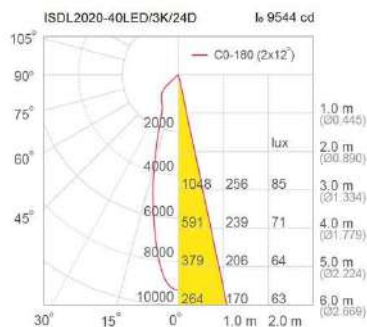
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Mounting	Ceiling
Power	40/44W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	40W : 4665/4995/5270 lm 44W : 5110/5470/5830 lm
Luminaire Output	40W : 4032/4314/4556 lm * 44W : 4328/4631/4934 lm *
Beam Angle	24/36/70 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	65
LED Lifetime	40,000 hrs.
Equivalent	40W : MH 100W 44W : MH 150W

Remarks

Install on ceiling only
* Value at 24 Degree

Ordering Data

Model	Watt
ISDL2020/BK-40LED	40W
ISDL2020/BK-44LED	44W



Related Products



ISDL1010-10W



ISSL1010-10W



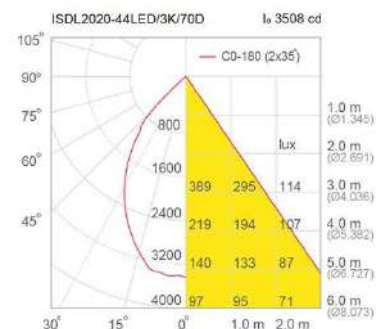
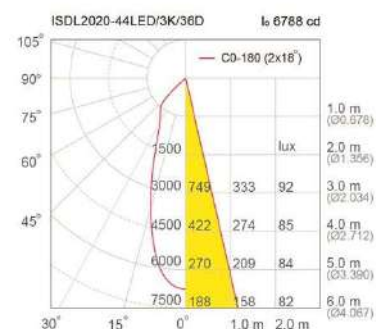
ISDL1515-23/30W



ISSL1515-23/30W



ISDL2020-40/44W



LED IP Surface Downlight



ISSL2020

Application

Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

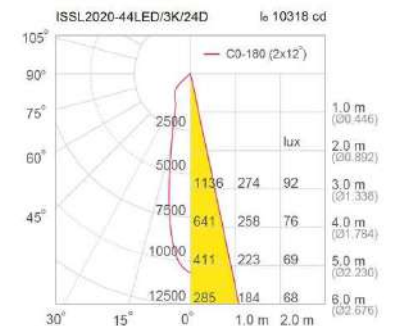
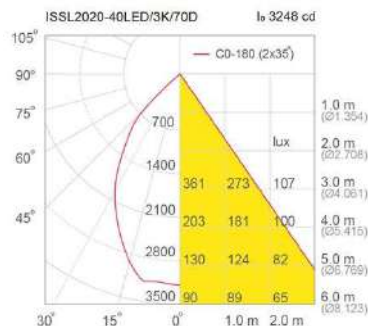
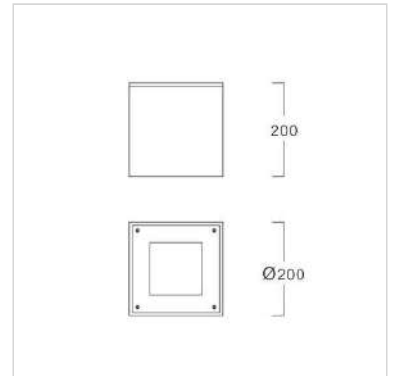
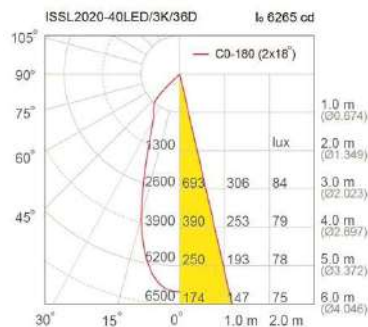
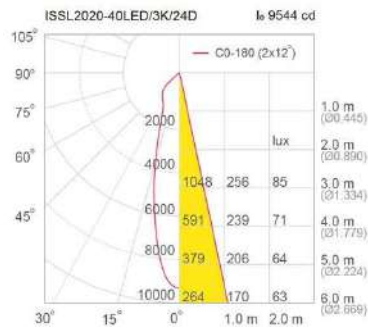
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Mounting	Ceiling
Power	40/44W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	40W : 4665/4995/5270 lm 44W : 5110/5470/5830 lm
Luminaire Output	40W : 4032/4314/4556 lm * 44W : 4328/4631/4934 lm *
Beam Angle	24/36/70 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	65
LED Lifetime	40,000 hrs.
Equivalent	40W : MH 100W 44W : MH 150W

Remarks

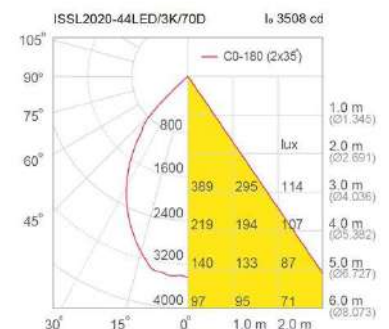
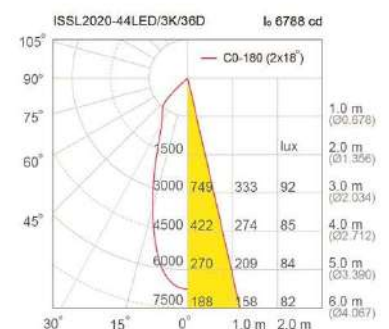
Install on ceiling only
* Value at 24 Degree

Ordering Data

Model	Watt
ISSL2020/BK-40LED	40W
ISSL2020/BK-44LED	44W



Related Products





Indoor Lighting

Spot/Track light

LED Spot / Tracklight



SAM83

Application

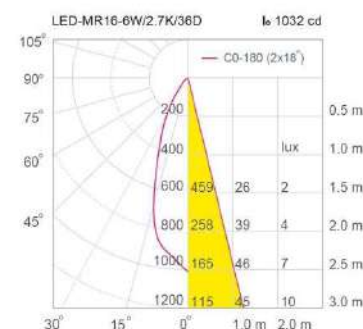
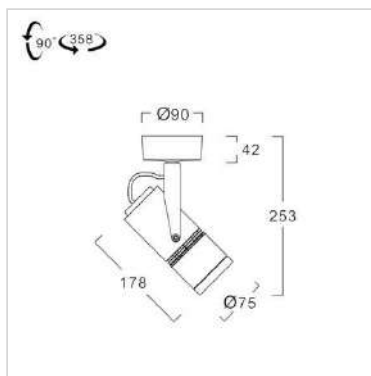
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
SAM83/WH-XXLED-MR16	4-8W



Related Products



SAM83/BK



TRM83-LED MR16

SAM86

Application

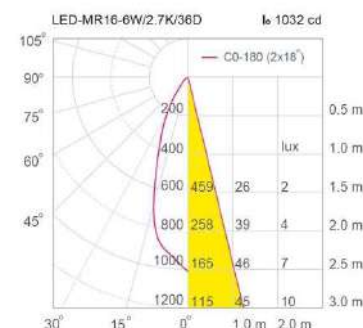
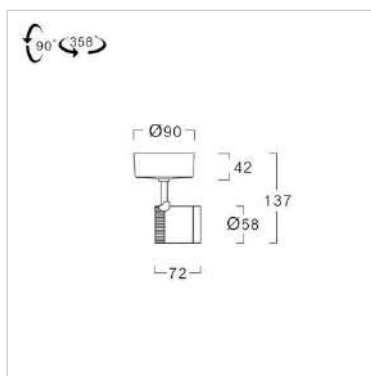
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

Model	Watt
SAM86/WH-XXLED-MR16	4-8W



Related Products



SAM86/BK



TRM86-LED MR16

 SAM125

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

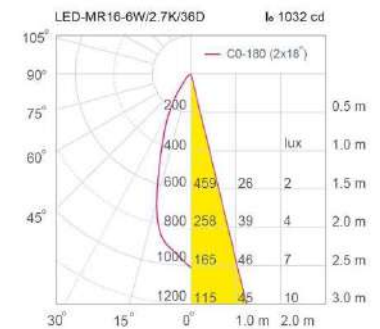
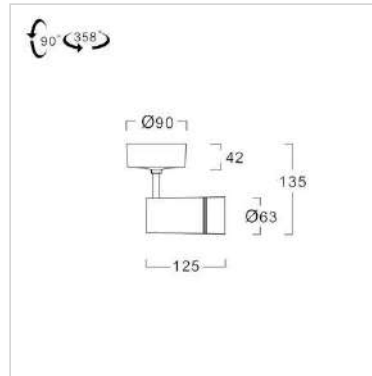
Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm

Control Gear	Built-in electronic transformer
Power Supply	220-240VAC,50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs.

Equivalent MR16 35 - 50W

Ordering Data

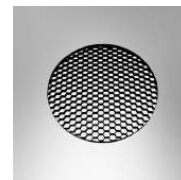
Model	Watt
SAM125/WH-XXLED-MR16	4-8W



Related Products



SAM125/BK



Honey comb



TRM125-LED MR16

 TIS **SAP60**

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

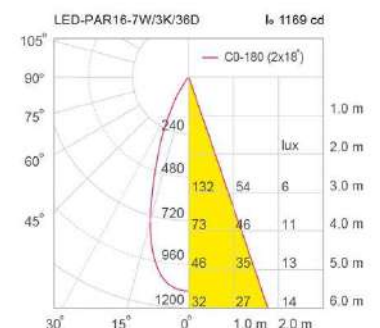
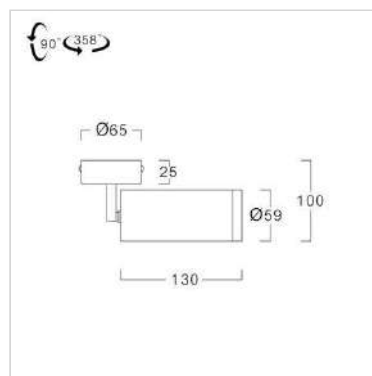
Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm

Power Supply 220VAC,50Hz (L&E lamps)
220-240VAC,50Hz (other brands lamp
are available as option)

Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15,000-50,000hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
SAP60/WH-XXLED-PAR16	4-7W



Related Products



SAP60/BK



TRP60-LED PAR16

LED Spot / Tracklight



SAP95

Application

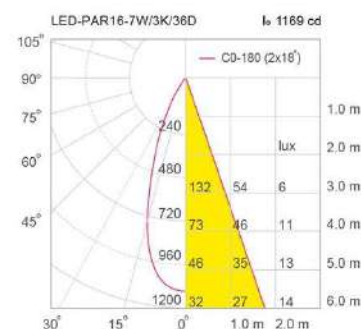
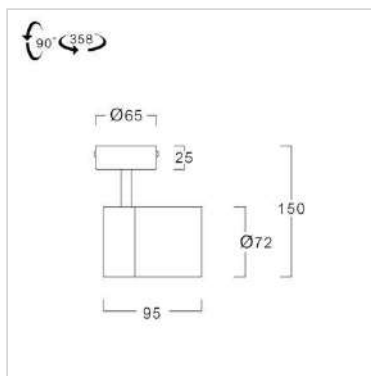
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime Equivalent	15,000-50,000hrs. PAR16 35 - 50W

Ordering Data

Model	Watt
SAP95/WH-XXLED-PAR16	4-7W



Related Products



SAP95/BK



TRP95-LED PAR16

SAP125

Application

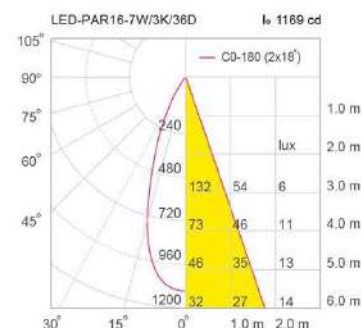
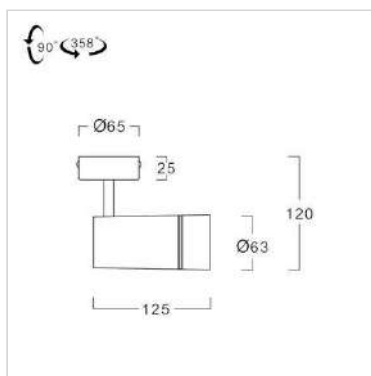
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime Equivalent	15,000-50,000hrs. PAR16 35 - 50W

Ordering Data

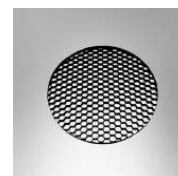
Model	Watt
SAP125/WH-XXLED-PAR16	4-7W



Related Products



SAP125/BK



Honey comb



TRP125-LED PAR16

LED Spot / Tracklight



SAP135

Application

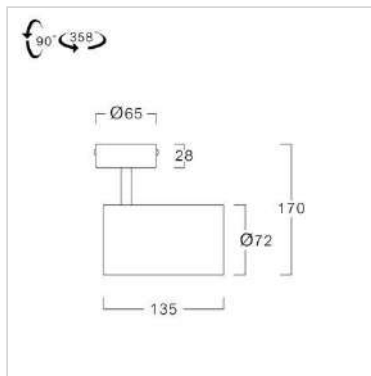
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

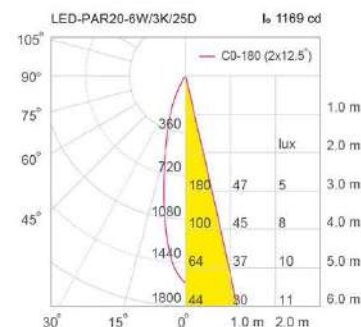
Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	5.5-6W
Light Source	LED-PAR20
Lamp Holder	E27
Colour Temperature	2700 - 3000K
Lamp Output	5.5W : 2700K : 440 lm 6W : 3000K : 600 lm
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	20,000-45,000hrs.
Equivalent	PAR20 50W

Ordering Data

Model	Watt
SAP135/WH-XXLED-PAR20	5.5-6W



Related Products



SAP135/BK



TRP135-LED PAR20

SAP135S

Application

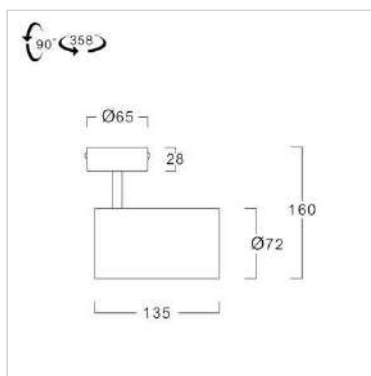
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

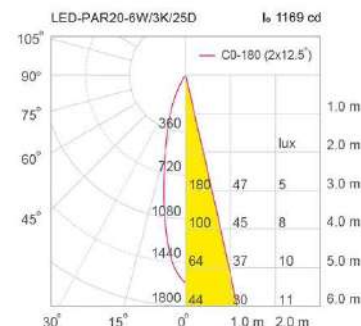
Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	5.5-6W
Light Source	LED-PAR20
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	5.5W : 2700K : 440 lm 6W : 3000K : 600 lm
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	20,000-45,000 hrs.
Equivalent	PAR20 50W

Ordering Data

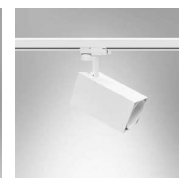
Model	Watt
SAP135S/WH-XXLED-PAR20	5.5-6W



Related Products



SAP135S/BK



TRP135S-LED PAR20

LED Spot / Tracklight



SAP145

Application

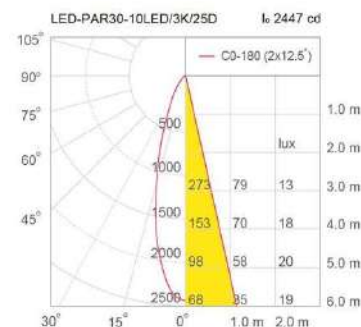
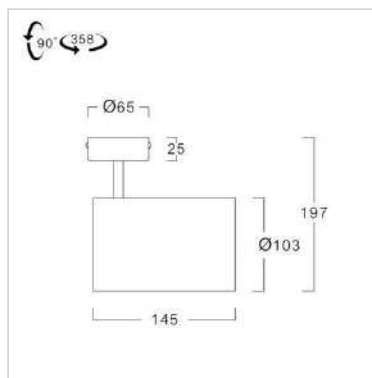
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	9.5-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	9.5W : 2700K : 700 lm 10W : 3000K : 1000 lm
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	20,000-45,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
SAP145/WH-XXLED-PAR30	9.5-10W



Related Products



SAP145/BK



TRP145-XXLED-PAR30

SAP145S

Application

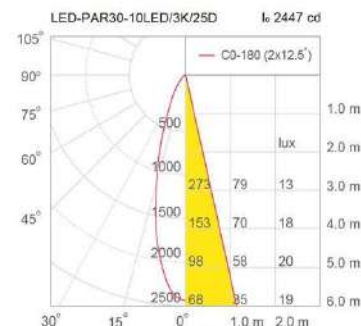
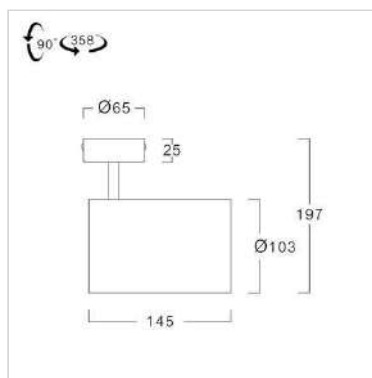
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	9.5-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	9.5W : 2700K : 700 lm 10W : 3000K : 1000 lm
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	20,000-45,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
SAP145S/WH-XXLED-PAR30	9.5-10W



Related Products



SAP145S/BK



TRP145S-XXLED-PAR30

LED Spot / Tracklight



TIS SAP114

Application

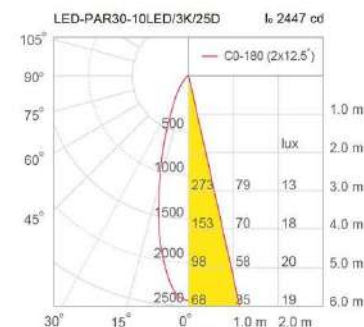
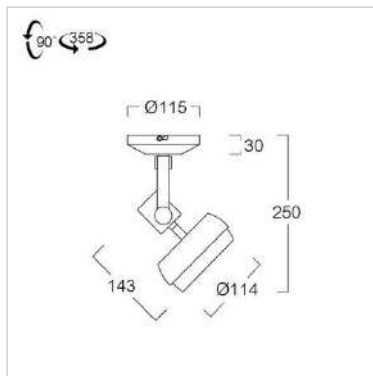
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	9.5-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	9.5W/2700K : 700 lm 10W/3000K : 1000 lm
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	20,000-45,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
SAP114/WH-XXLED-PAR30	9.5-10W



Related Products



TRP114-LED PAR30

TIS SAP116

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface Mounted
Power	20/28/32W
Light Source	LED-HI PAR30
Lamp Holder	E27
Colour Temperature	3000-4000K
Lamp Output	20W/3000K : 1800 lm 20W/4000K : 1850 lm 28W/3000K : 2200 lm 28W/4000K : 2200 lm 32W/3000K : 3000 lm 32W/4000K : 3000 lm
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	20W : MH 20W 28W : CDMR PAR30 35W 32W : CDMR PAR30 70W

Ordering Data

Model	Watt
SAP116/WH-XXLED-HI PAR30	20-32W



Related Products



SAP116/BK

LED Spot / Tracklight



SAL65

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

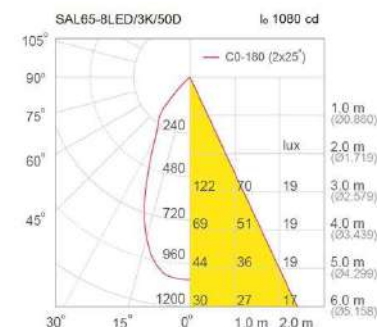
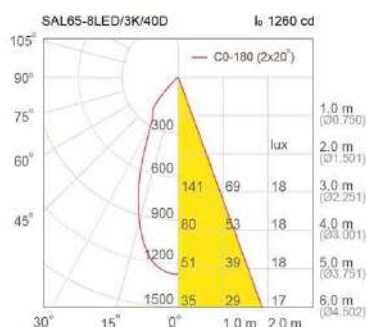
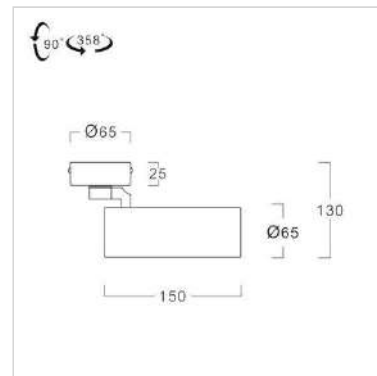
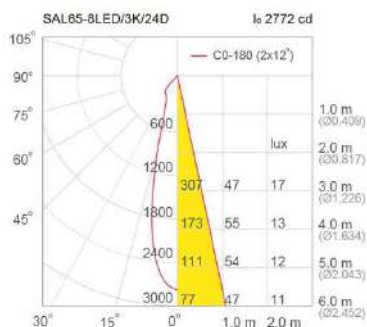
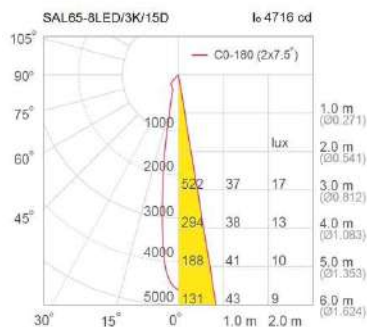
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	8/14W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	8W : 900/970/1040 lm 14W : 1540/1660/1805 lm
Luminaire Output	8W : 771/833/903 lm * 14W : 1320/1426/1540 lm *
Beam Angle	15/24/40/50 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	8W : PAR30 50W 14W : PAR30 75W

Remarks

* Value at 24 Degree

Ordering Data

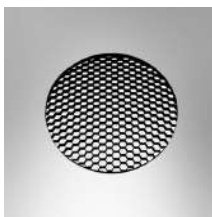
Model	Watt
SAL65/WH-8LED	8W
SAL65/WH-14LED	14W



Related Products



SAL65/BK



Honey comb



TRL65-8/14W



SDL65-8/14W



PDL65-8/14W

LED Spot / Tracklight



SAL80J

Application

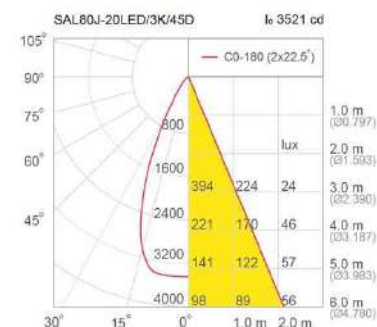
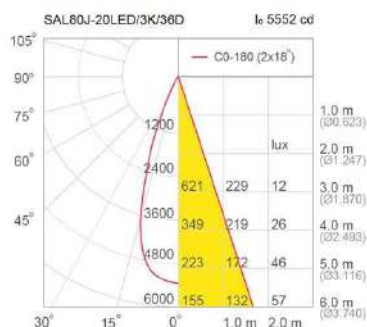
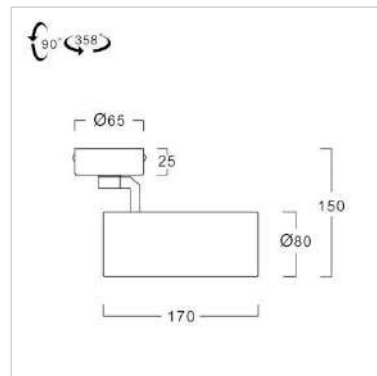
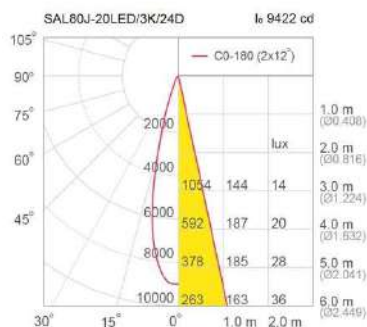
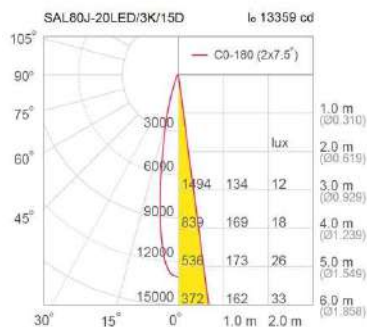
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	14/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1409/1522/1649 lm* 20W : 2069/2235/2421 lm** 23W : 2341/2528/2739 lm**
Beam Angle	14W : 10/20/30/40 Degree 20/23W : 15/24/36/45 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs. * Value at 20 Degree ** Value at 24 Degree

Ordering Data

Model	Watt
SAL80J/WH-14LED	14W
SAL80J/WH-20LED	20W
SAL80J/WH-23LED	23W



Related Products



LED Spot / Tracklight



SAL190

Application

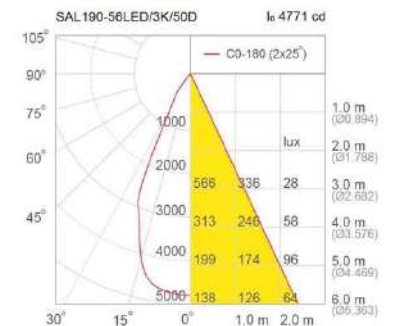
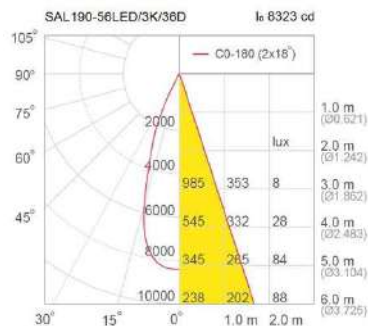
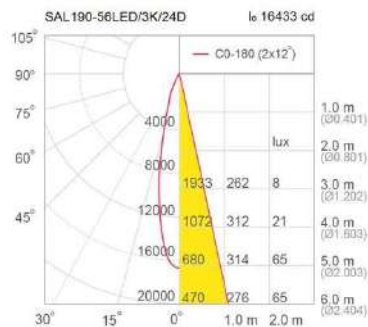
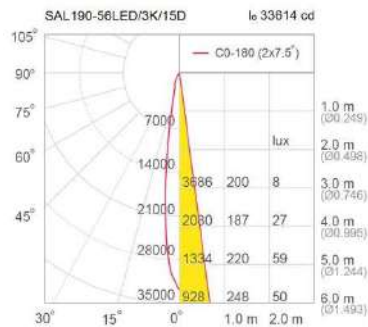
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	56W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	56W : 6220/6660/7095 lm
Luminaire Output	56W : 3245/3472/3700 lm*
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs
Equivalent	56W : MH 150W
Remarks	* Value at 24 Degree

Ordering Data

Model	Watt
SAL190/WH-56LED	56W



Related Products



SAL190/BK

LED Spot / Tracklight



SPOT42/LS205

Application

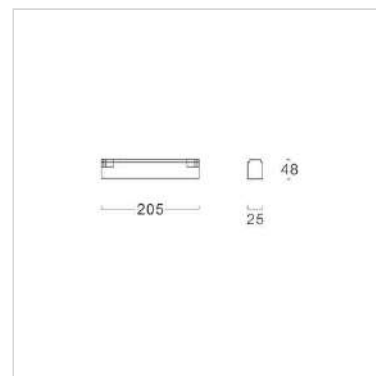
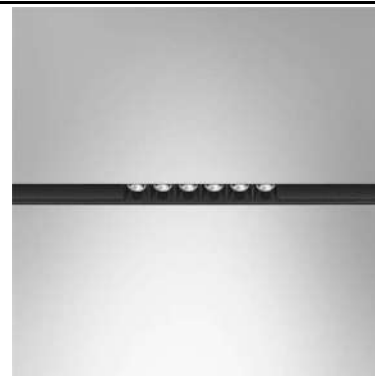
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	10W
Light Source	LED-MODULE
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	999/999/1026/1026 lm
Luminaire Output	879/879/903/903 lm *
Beam Angle	10/15/25 Degree
Control Gear	Separate Driver
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V * Value at 25 Degree

Ordering Data

Model	Watt
SPOT42/LS205/BK-10LED	10W



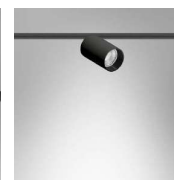
Related Products



SPOT42/LF407-11W



SPOT42/LW205-10W



SPOT42/TR30-8W

SPOT42/LF205

Application

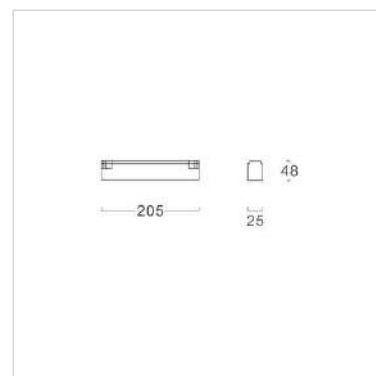
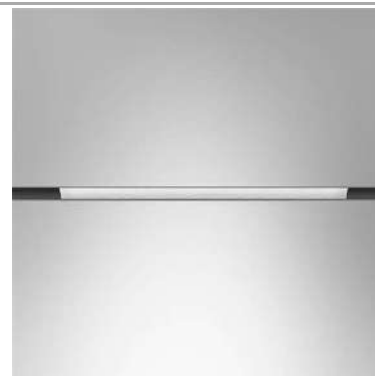
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	6W
Light Source	LED-MODULE
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	688/688/738/738 lm
Luminaire Output	385/385/413/413 lm
Beam Angle	110 Degree
Control Gear	Separate Driver
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V

Ordering Data

Model	Watt
SPOT42/LF205/BK-6LED/3K	6W



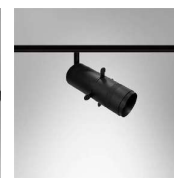
Related Products



SPOT42/LF407-11W



SPOT42/LW205-10W



SPOT42/TR52/SHUTTER-14W

LED Spot / Tracklight



SPOT42/LF407

Application

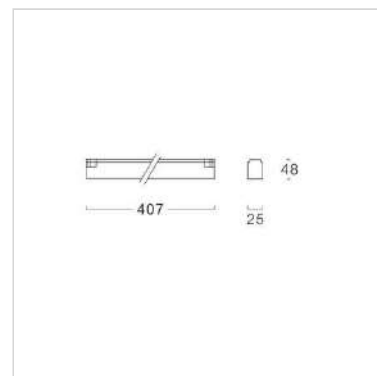
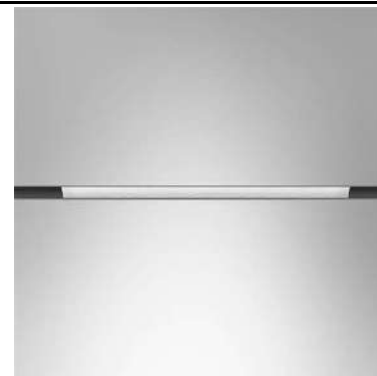
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90,LTR90)
Power	11W
Light Source	LED-MODULE
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	1326/1326/1370/1370 lm
Luminaire Output	782/782/808/808 lm
Beam Angle	110 Degree
Control Gear	Saperate Driver
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V

Ordering Data

Model	Watt
SPOT42/LF407/BK-11LED	11W



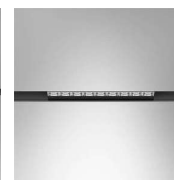
Related Products



SPOT42/LF205-6W



SPOT42/LFA205-6W



SPOT42/LW205-10W

SPOT42/LF800

Application

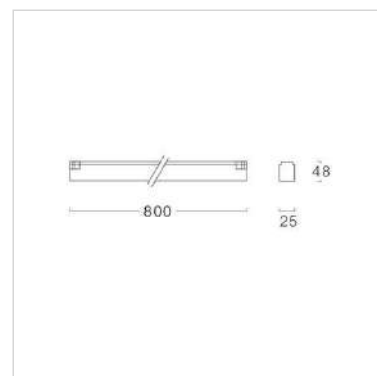
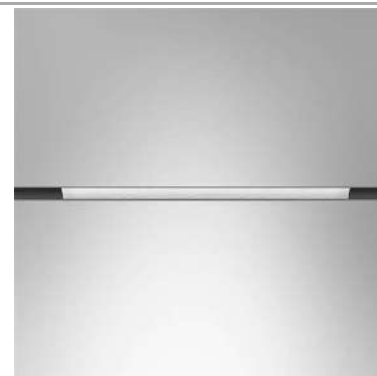
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90,LTR90)
Power	20W
Light Source	LED-MODULE
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	2304/2304/2373/2373 lm
Luminaire Output	1451/1451/1495/1495 lm
Beam Angle	110 Degree
Control Gear	Saperate Driver
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V

Ordering Data

Model	Watt
SPOT42/LF800/BK-20LED	20W



Related Products



SPOT42/LF205-6W



SPOT42/LF407-11W



SPOT42/LFA205-6W

LED Spot / Tracklight



SPOT42/LW205

Application

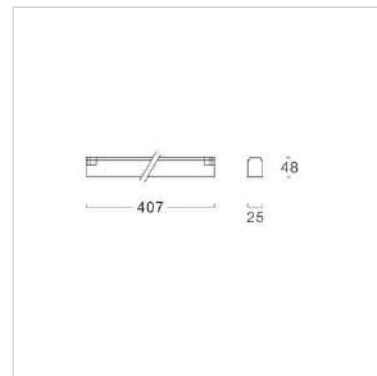
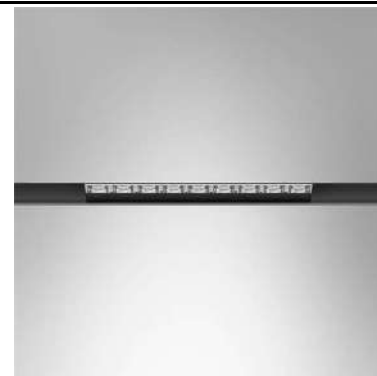
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	10W
Light Source	LED-MODULE
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	999/999/1026/1026 lm
Luminaire Output	539/539/554/554 lm
Beam Angle	48x25 Degree
Control Gear	Separate Driver
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V

Ordering Data

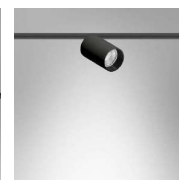
Model	Watt
SPOT42/LW205/BK-10LED	10W



Related Products



SPOT42/LF205-6W



SPOT42/TR30-8W

SPOT42/LFA205

Application

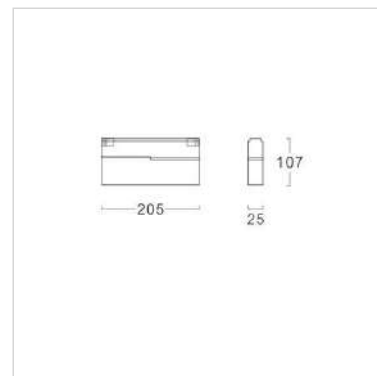
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	6W
Light Source	LED-MODULE
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	688/688/738/738 lm
Luminaire Output	385/385/413/413 lm
Beam Angle	110 Degree
Control Gear	Separate Driver
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.

Ordering Data

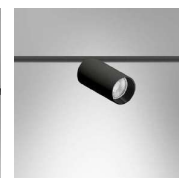
Model	Watt
SPOT42/LFA205/BK-6LED	6W



Related Products



SPOT42/LSA205-10W



SPOT42/TR52-14/20W

LED Spot / Tracklight



SPOT42/LSA205

Application

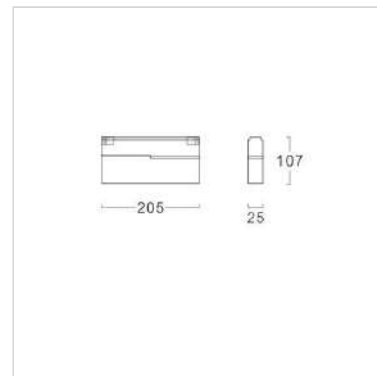
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	10W
Light Source	LED-MODULE
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	999/999/1026/1026 lm
Luminaire Output	880/880/902/902 lm *
Beam Angle	10/15/25 Degree
Control Gear	Separate Driver
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V * Value at 25 Degree

Ordering Data

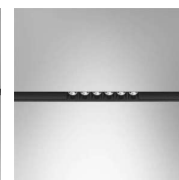
Model	Watt
SPOT42/LSA205/BK-10LED	10W



Related Products



SPOT42/LFA205-6W



SPOT42/LS205-10W

SPOT42/TR30

Application

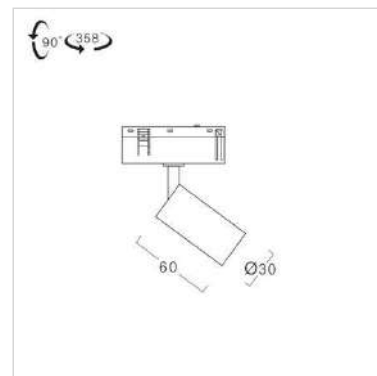
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

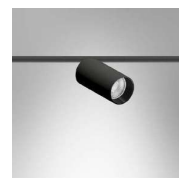
Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	8W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	657/657/710/710 lm
Luminaire Output	473/473/511/511 lm *
Beam Angle	15/30/45 Degree
Control Gear	Separate Driver
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V * Value at 30 Degree

Ordering Data

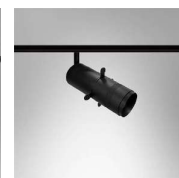
Model	Watt
SPOT42/TR30/BK-8LED	8W



Related Products



SPOT42/TR52-14/20W



SPOT42/TR52/SHUTTER-14W

LED Spot / Tracklight



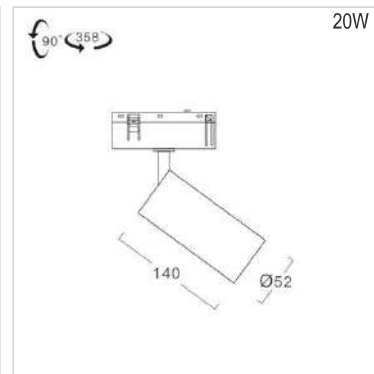
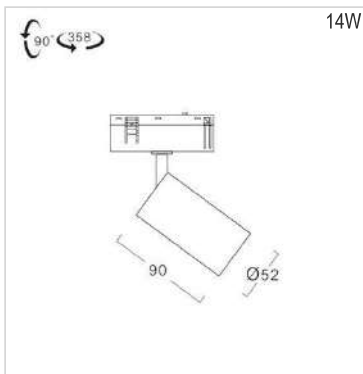
SPOT42/TR52

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	14/20W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	14W : 1425/1425/1526/1526 lm 20W : 2087/2087/2255/2255 lm
Luminaire Output	14W : 1197/1197/1281/1281 lm * 20W : 1565/1565/1675/1675 lm *
Beam Angle	15/30/45 Degree
Control Gear	Separate Driver
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V * Value at 30 Degree



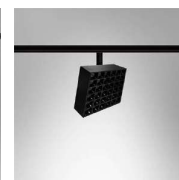
Related Products

Ordering Data

Model	Watt
SPOT42/TR52/BK-14LED	14W
SPOT42/TR52/BK-20LED	20W



SPOT42/TR30-8W



SPOT42/TR95-25W

SPOT42/TR52/Shutter

Application

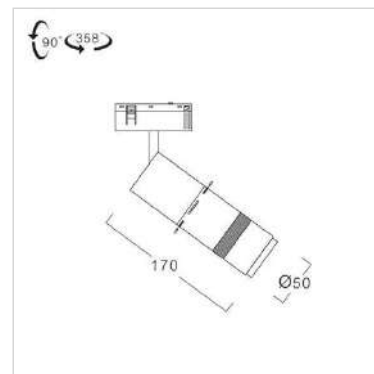
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	14W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	657/657/710/710 lm
Luminaire Output	473/473/511/511 lm
Control Gear	Separate Driver
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V

Ordering Data

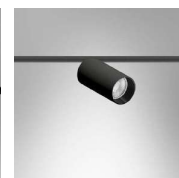
Model	Watt
SPOT42/TR52/shutter/BK-14LED	14W



Related Products



SPOT42/TR30-2x8W



SPOT42/TR52-14/20W

LED Spot / Tracklight



SPOT42/TR95

Application

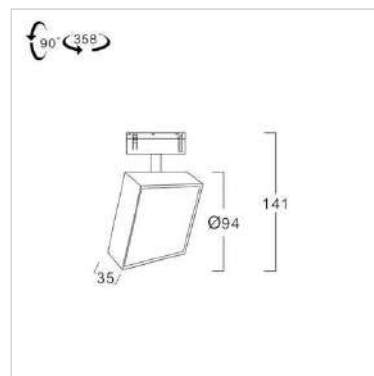
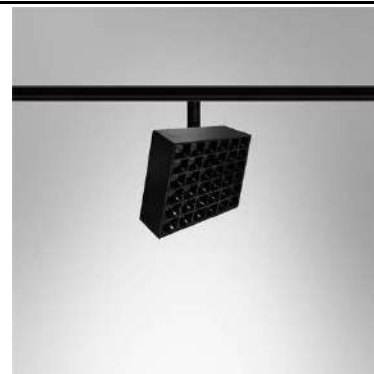
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	25W
Light Source	LED-SMD
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	3504/3504/3708/3708 lm
Luminaire Output	2978/2978/3151/3151 lm
Beam Angle	30 Degree
Control Gear	Separate Driver
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V

Ordering Data

Model	Watt
SPOT42/TR95/BK-25LED	25W



Related Products



SPOT42/PDL95-14W



SPOT42/PDL100-14W

SPOT42/TR30-2

Application

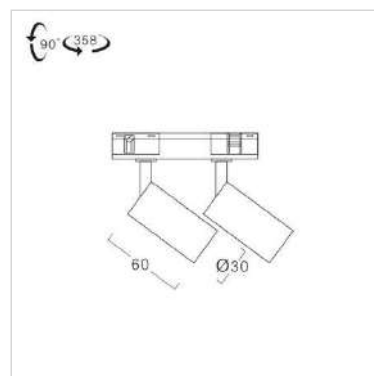
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	2x8W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	1314/1314/1420/1420 lm
Luminaire Output	946/946/1008/1008 lm *
Beam Angle	15/30/45 Degree
Control Gear	Separate Driver
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V * Value at 30 Degree

Ordering Data

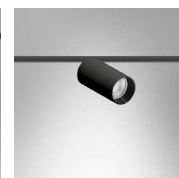
Model	Watt
SPOT42/TR30/BK-2x8LED	16W



Related Products



SPOT42/TR30-8W



SPOT42/TR52-14/20W

LED Spot / Tracklight



SPOT42/PDL100S

Application

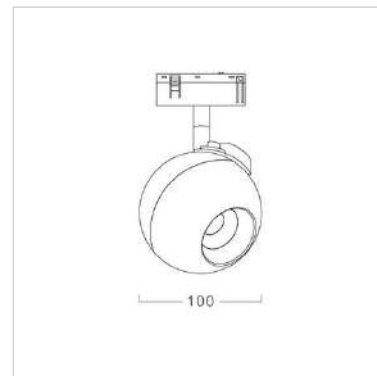
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	14W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	1425/1425/1526/1526 lm
Luminaire Output	1197/1197/1281/1281 lm *
Beam Angle	20/30/45 Degree
Control Gear	Separate Driver
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V * Value at 30 Degree

Ordering Data

Model	Watt
SPOT42/PDL100S/BK-14LED	14W



Related Products



SPOT42/PDL52-20W



SPOT42/PDL100L-8/14W

SPOT42/PDL100

Application

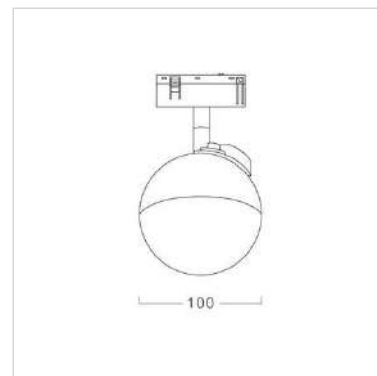
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	14W
Light Source	LED-MODULE
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	1425/1425/1526/1526 lm
Luminaire Output	1083/1083/1159/1159 lm
Beam Angle	110 Degree
Control Gear	Separate Driver
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V

Ordering Data

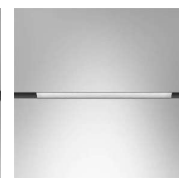
Model	Watt
SPOT42/PDL100/BK-14LED	14W



Related Products



SPOT42/LW205-10W



SPOT42/LF407-11W

LED Spot / Tracklight



SPOT42/PDL30

Application

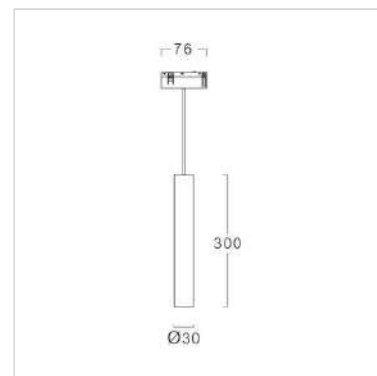
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	8W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	657/657/710/710 lm
Luminaire Output	473/473/511/511 lm *
Beam Angle	25/30/45 Degree
Control Gear	Separate Driver
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V suspension wires length 1.50 m. * Value at 30 Degree

Ordering Data

Model	Watt
SPOT42/PDL30/BK-8LED	8W



Related Products



SPOT42/TR30-8W



SPOT42/TR52/Shutter-14W

SPOT42/PDL52

Application

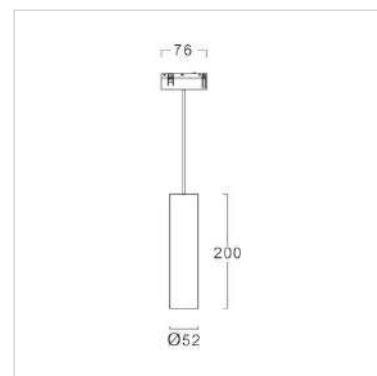
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	20W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	2087/2087/2255/2255 lm
Luminaire Output	1565/1565/1690/1690 lm *
Beam Angle	20/30/45 Degree
Control Gear	Separate Driver
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V suspension wires length 1.50 m. * Value at 30 Degree

Ordering Data

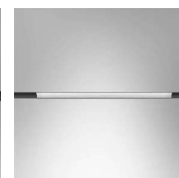
Model	Watt
SPOT42/PDL52/BK-20LED	20W



Related Products



SPOT42/LS205-10W



SPOT42/LF407-11W

LED Spot / Tracklight



SPOT42/PDL95

Application

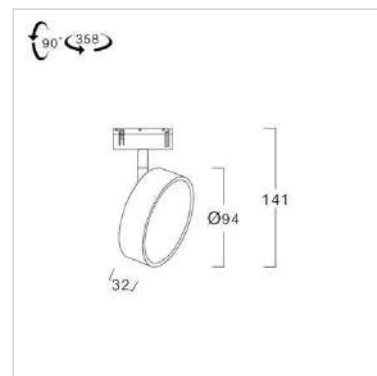
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

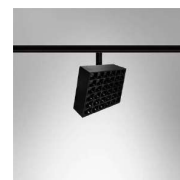
Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	14W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	1446/1446/1665/1665 lm
Luminaire Output	1214/1214/1398/1398 lm *
Beam Angle	15/30/40 Degree
Control Gear	Separate Driver
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V * Value at 30 Degree

Ordering Data

Model	Watt
SPOT42/PDL95/BK-14LED	14W



Related Products



SPOT42/TR95-25W



SPOT42/LF205-6W

SPOT42/PDL100L

Application

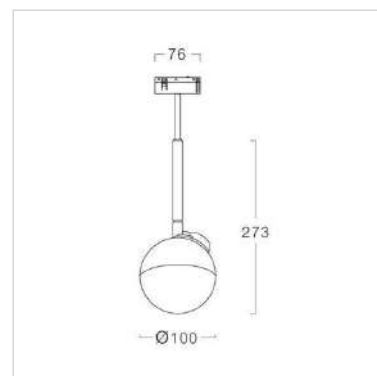
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	8/14W
Light Source	LED-MODULE
Colour Temperature	2700/3000/4000/5000K
CRI	>80
Lamp Output	8W : 657/657/710/710 lm 14W : 1425/1425/1526/1526 lm
Luminaire Output	8W : 367/367/397/397 lm 14W : 1083/1083/1159/1159 lm
Beam Angle	110 Degree
Control Gear	Separate Driver
Power Supply	42VDC
IP Rating	20
LED Lifetime	25,000 hrs.
Remarks	Can be able dimmable 1-10V suspension wires length 1.50 m.

Ordering Data

Model	Watt
SPOT42/PDL100L/BK-8LED	8W
SPOT42/PDL100L/BK-14LED	14W



Related Products



SPOT42/PDL100S-14W



SPOT42/PDL100-14W

LED Spot / Tracklight



SPOT42/LTR90

Application

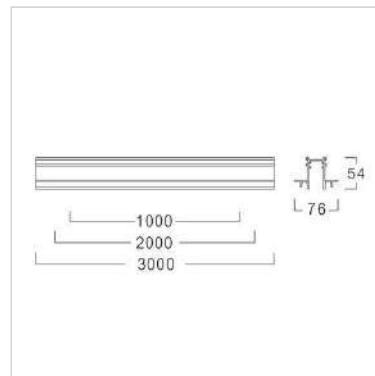
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Extruded aluminium with copper wire for maximum current 10A (Max.2200W)
Finishing	Powder Coated in Black
Mounting	Recessed
Power Supply	42VDC (80% @ Full load of power supply)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Remarks	Recommend size of power cable from driver to track system 2-2.5 sq.mm. cable and track total length 40 m.

Ordering Data

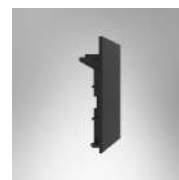
Model	Watt
SPOT42/LTR90/BK 1.0m.	-
SPOT42/LTR90/BK 2.0m.	-
SPOT42/LTR90/BK 3.0m.	-
SPOT42/LTR90/BK-CONNECTOR	-
SPOT42/LTR90/BK-I	-
SPOT42/LTR90/BK-L (inner)	-
SPOT42/LTR90/BK-L (outer)	-
SPOT42/LTR90/BK-L (same plane)	-



Related Products



SPOT42-S



SPOT42-ECAP



SPOT42-I

SPOT42/LTS90

Application

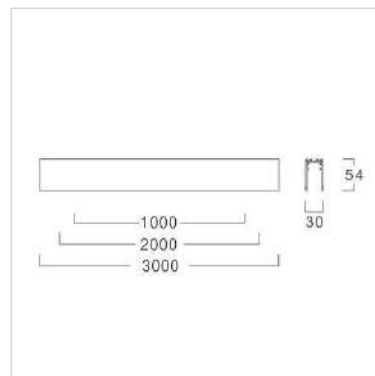
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Extruded aluminium with copper wire for maximum current 10A (Max.2200W)
Finishing	Powder Coated in Black
Mounting	Surfaced/Pendant
Power Supply	42VDC (80% @ Full load of power supply)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Remarks	Recommend size of power cable from driver to track system 2-2.5 sq.mm. cable and track total length 40 m.

Ordering Data

Model	Watt
SPOT42/COVER/BK 1.0m.	-
SPOT42/LTS90/BK 1.0 m.	-
SPOT42/LTS90/BK 2.0m.	-
SPOT42/LTS90/BK 3.0m.	-
SPOT42/LTS90/BK-I	-
SPOT42/LTS90/BK-L	-
SPOT42/LTS90/BK-L135D	-
SPOT42-ECAP/BK	-
SPOT42-S/BK	-
SPOT42-sling/BK 1.5m.	-



Related Products



SPOT42/LTS90-I



SPOT42/LTS90-L



SPOT42/LTS90-T

LED Spot / Tracklight



TIS TRM83

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

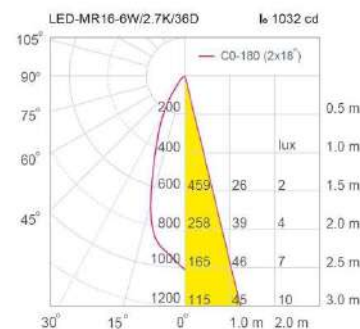
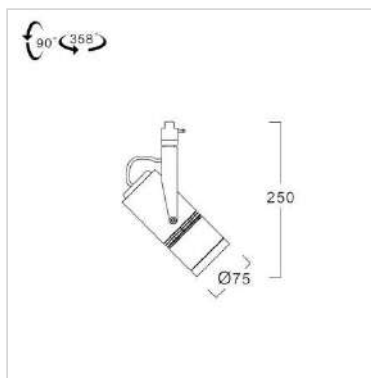
Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm

Control Gear	Built-in electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.

Equivalent MR16 35 - 50W

Ordering Data

Model	Watt
TRM83/WH-XXLED-MR16	4-8W



Related Products



TRM83/BK



TRM83-LED MR16

TIS TRM86

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

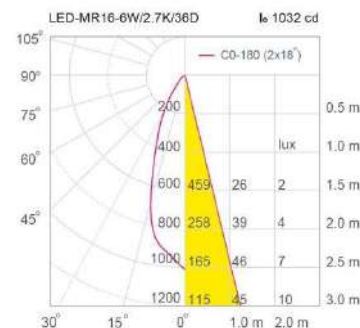
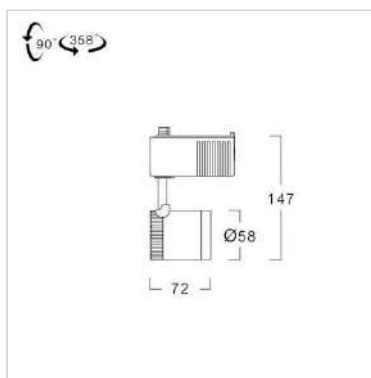
Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm

Control Gear	Built-in electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.

Equivalent MR16 35 - 50W

Ordering Data

Model	Watt
TRM86/WH-XXLED-MR16	4-8W



Related Products



TRM86/BK



SAM86-LED MR16

LED Spot / Tracklight



TIS TRM125

Application

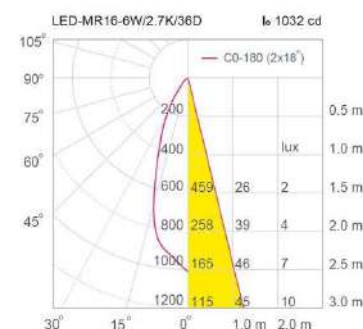
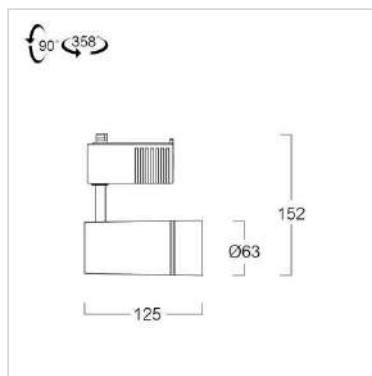
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GX5.3
Colour Temperature	2700-6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 7W : 2700K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs.
Equivalent	MR16 35 - 50W

Ordering Data

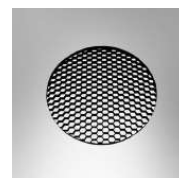
Model	Watt
TRM125/WH-XXLED MR16	4-8W



Related Products



TRM125/BK



Honey comb



SAM125-LED MR16

TIS TRP60

Application

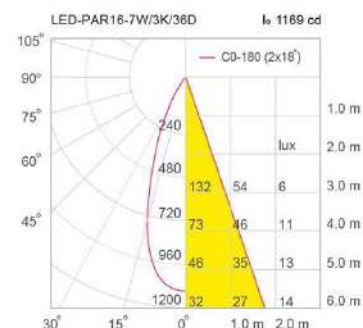
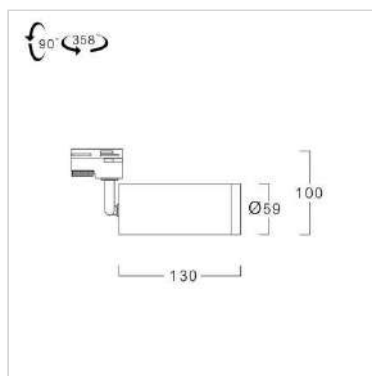
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700-6500K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC, 50Hz (L & E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	15,000 - 50,000hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
TRP60/WH-XXLED-PAR16	4-7W



Related Products



TRP60/BK



SAP60-LED MR16

LED Spot / Tracklight



TIS TRP125

Application

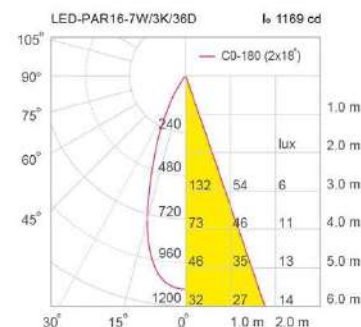
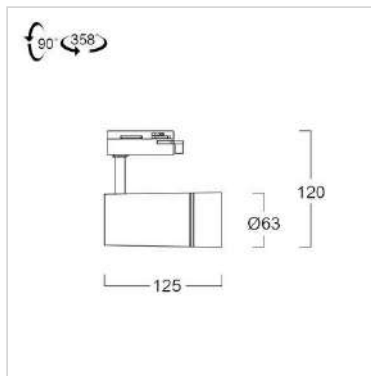
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or balck
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime Equivalent	15,000-50,000hrs. PAR16 35 - 50W

Ordering Data

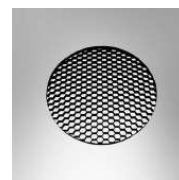
Model	Watt
TRP125/WH-XXLED-PAR16	4-7W



Related Products



TRP125/BK



Honey comb



SAP125-LED PAR16

TIS TRP93

Application

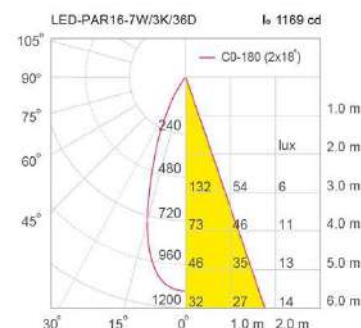
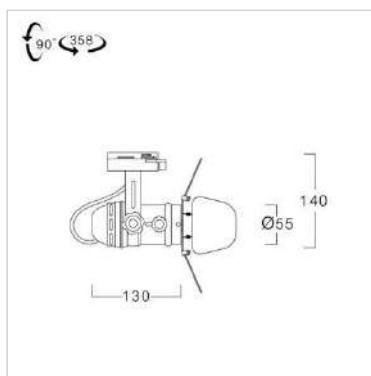
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or balck
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime Equivalent	15,000-50,000hrs. PAR16 35 - 50W

Ordering Data

Model	Watt
L&E#TRP93/WH-GU10	4-7W



Related Products



TRP93/BK

LED Spot / Track Light (Retrofit)



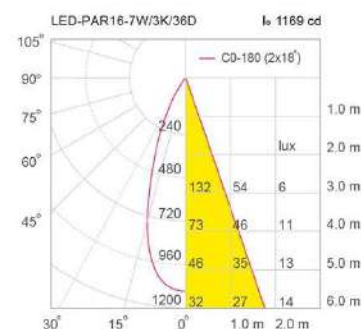
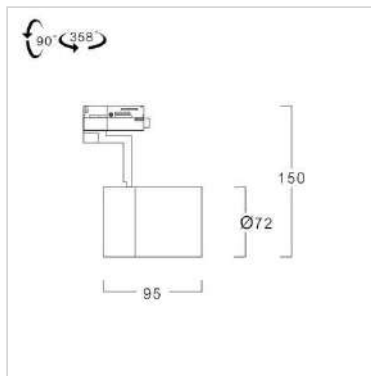
TIS TRP95

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700 - 4000K
Lamp Output	4.3W : 2700K : 380 lm 5.4W : 2700K : 402 lm 7W : 3000/4000K : 620 lm
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15,000-50,000hrs.
Equivalent	PAR16 35 - 50W

Ordering Data

Model	Watt
TRP95/WH-XXLED-PAR16	4-7W



Related Products



TRP95/BK



SAP95-LED PAR16

TIS TRP135

Application

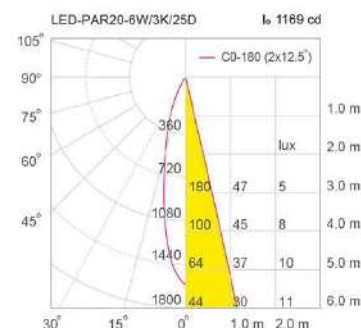
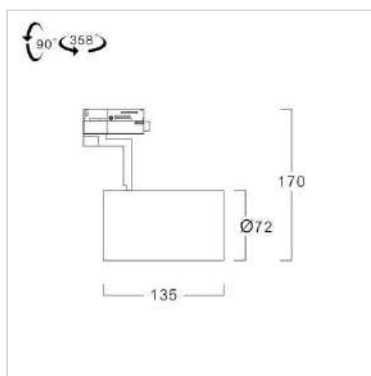
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	5.5-6W
Light Source	LED-PAR20
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	5.5W : 2700K : 440 lm 6W : 3000K : 600 lm
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	20,000-45,000 hrs.
Equivalent	PAR20 50W

Ordering Data

Model	Watt
TRP135/WH-XXLED-PAR20	5.5-6W



Related Products



TRP135/BK



SAP135-LED PAR20

LED Spot / Tracklight



TIS TRP135S

Application

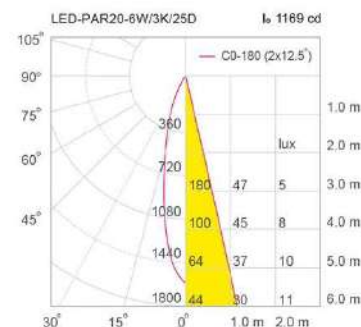
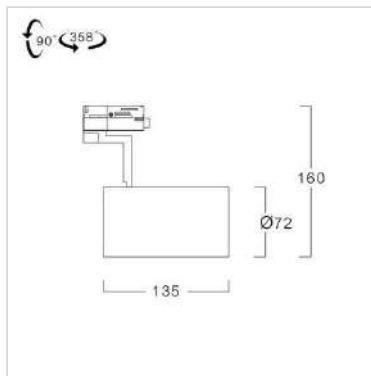
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	5.5-6W
Light Source	LED-PAR20
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	5.5W : 2700K : 440 lm 6W : 3000K : 600 lm
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	20,000-45,000 hrs.
Equivalent	PAR20 50W

Ordering Data

Model	Watt
TRP135S/WH-XXLED-PAR20	5.5-6W



Related Products



TRP135S/BK



SAP135S-LED PAR20

TIS TRP145

Application

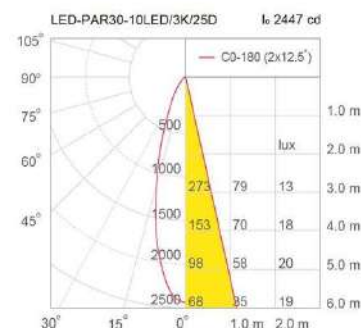
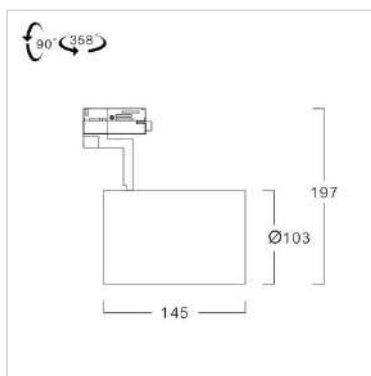
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	9.5-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	9.5W : 2700K : 700 lm 10W : 3000K : 1000 lm
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	20,000-45,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
TRP145/WH-XXLED-PAR30	9.5-10W



Related Products



TRP145/BK



SAP145-LED PAR30

LED Spot / Track Light (Retrofit)



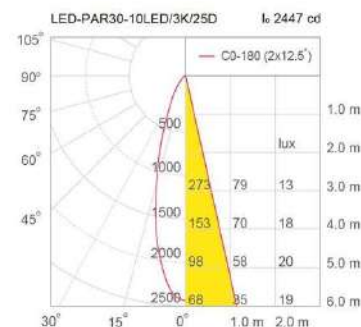
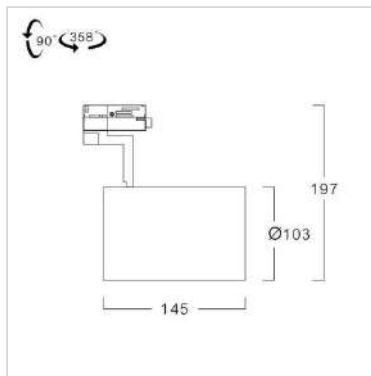
TRP145S

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	9.5-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	9.5W : 2700K : 700 lm 10W : 3000K : 1000 lm
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	20,000-45,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
TRP145S/WH-XXLED-PAR30	9.5-10W



Related Products



TRP145S/BK



SAP145S-LED PAR30

TRP155

Application

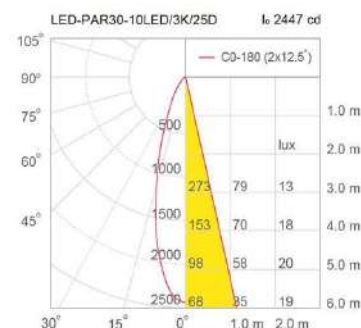
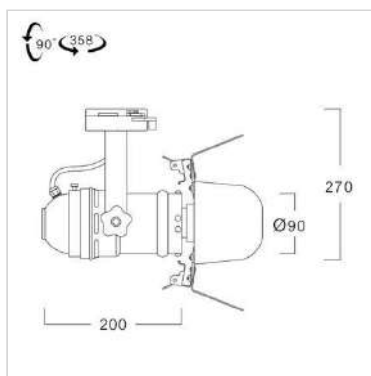
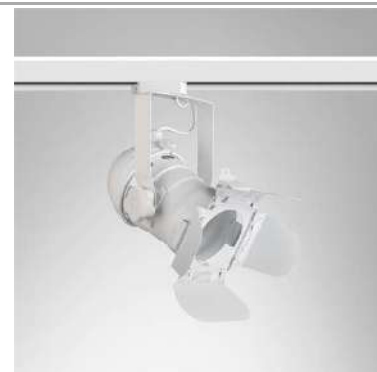
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	9.5-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	9.5W : 2700K : 700 lm 10W : 3000K : 1000 lm
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	20,000-45,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
TRP155/WH-XXLED-E27	9.5-10W



Related Products



TRP155/BK

LED Spot / Tracklight



TIS TRP114

Application

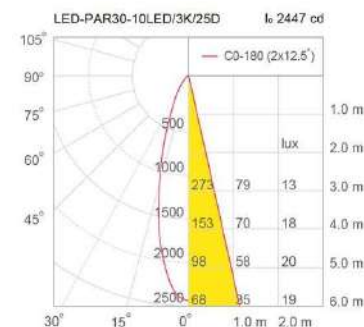
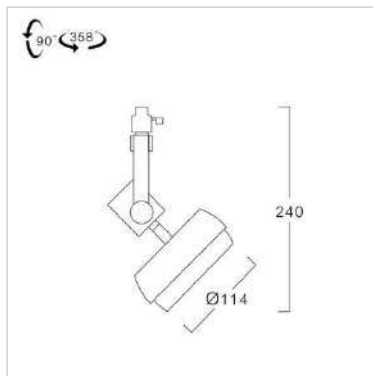
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	9,5-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	2700-3000K
Lamp Output	9,5W : 2700K : 700 lm 10W : 3000K : 1000 lm
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	20,000-45,000 hrs.
Equivalent	PAR30 75W

Ordering Data

Model	Watt
TRP114/WH-XXLED-PAR30	9,5-10W



Related Products



SAP114-LED PAR30

TIS TRP116

Application

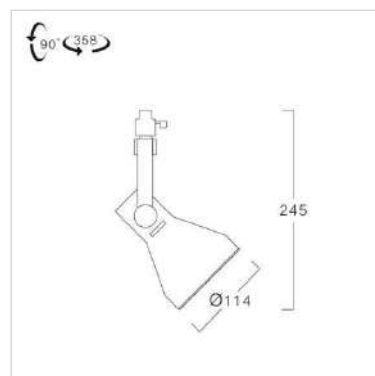
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	20/28/32W
Light Source	LED-HI PAR30
Lamp Holder	E27
Colour Temperature	3000-4000K
Lamp Output	20W : 3000K : 1800 lm 20W : 4000K : 1850 lm 28W : 3000K : 2200 lm 28W : 4000K : 2200 lm 32W : 3000K : 3000 lm 32W : 4000K : 3000 lm
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.
Equivalent	20W : MH 20W 28W : CDMR PAR30 35W 32W : CDMR PAR30 70W

Ordering Data

Model	Watt
TRP116/WH-XXLED-HI PAR30	20-32W



LED Spot / Tracklight



TRL651

Application

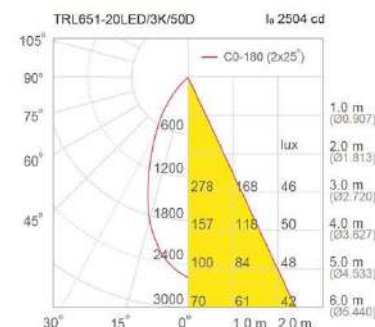
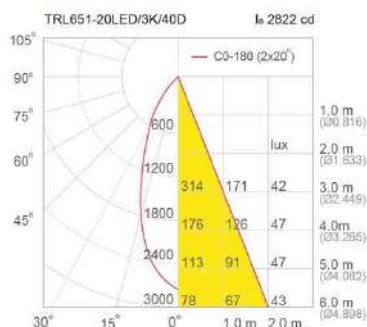
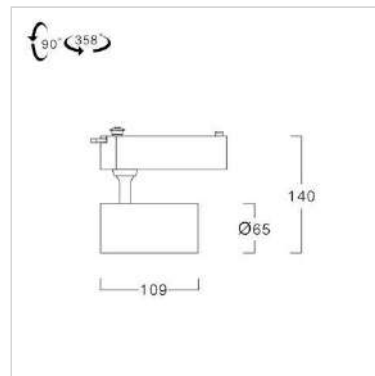
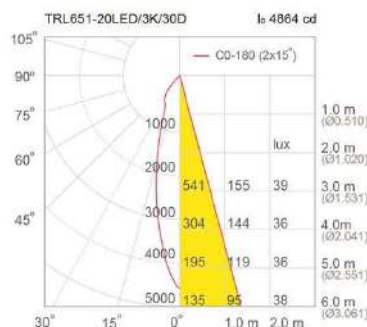
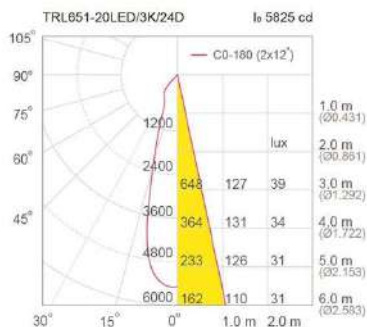
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

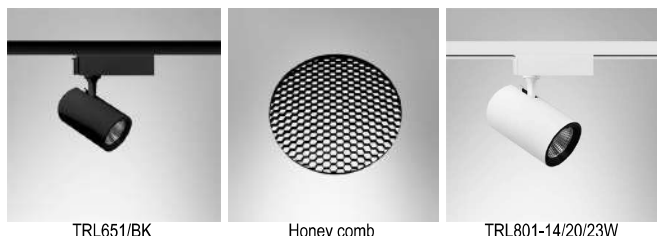
Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm
Luminaire Output	14W : 1320/1426/1544 lm * 20W : 1906/2058/2230 lm **
Beam Angle	14W : 15/24/40/50 Degree 20W : 24/30/40/50 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W
Remarks	* Value at 24 Degree ** Value at 30 Degree

Ordering Data

Model	Watt
TRL651/WH-14LED	14W
TRL651/WH-20LED	20W



Related Products



LED Spot / Tracklight



TIS TRL801

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

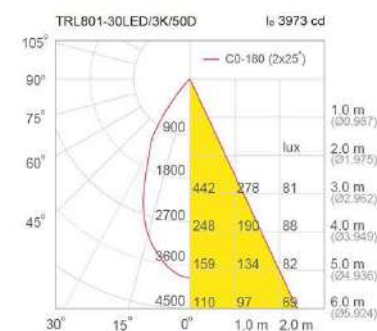
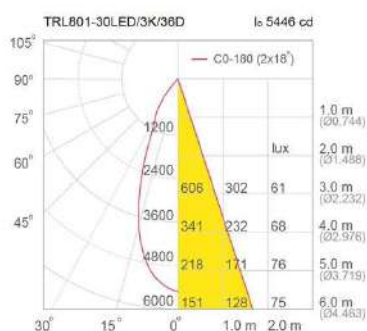
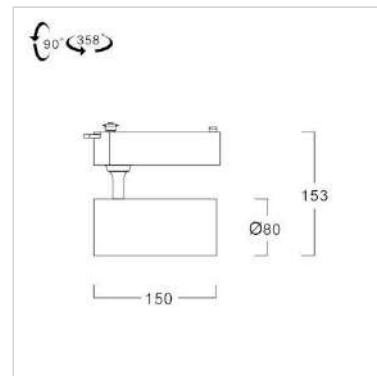
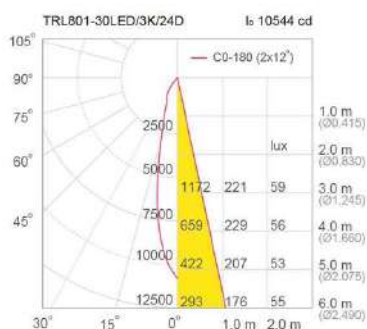
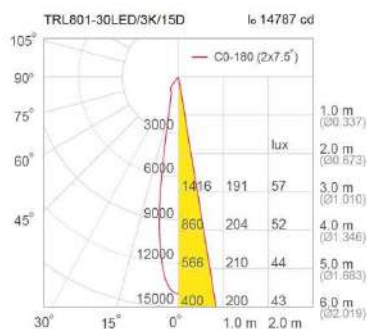
Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	23W : 2199/2375/2573 lm * 30W : 2985/3224/3433 lm *
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	23W : MH 35W 30W : MH 70W

Remarks

* Value at 24 Degree

Ordering Data

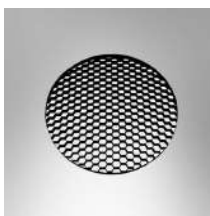
Model	Watt
TRL801/WH-23LED	23W
TRL801/WH-30LED	30W



Related Products



TRL801/BK



Honey comb



TRL651-14/20W

LED Spot / Tracklight



TIS TRL100

Application

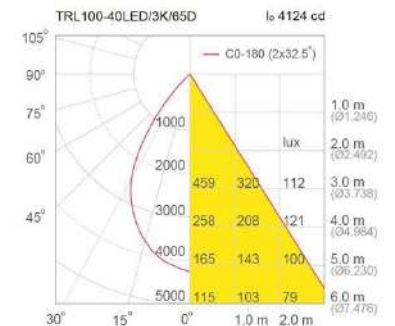
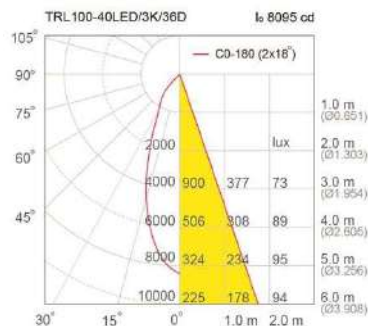
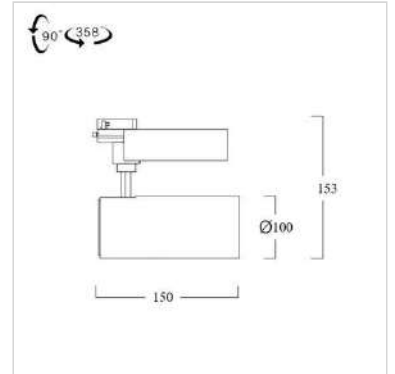
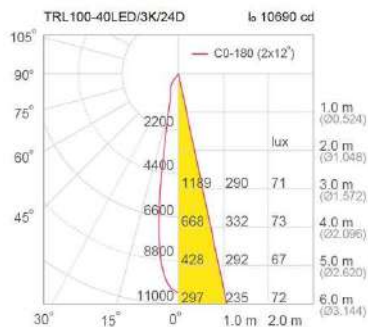
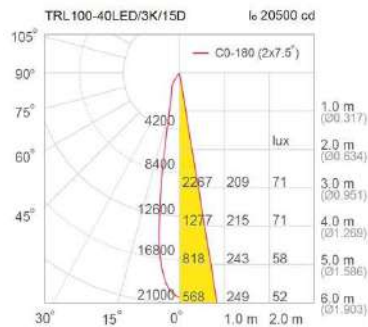
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	30/35/40W
Light Source	LED-COB
Colour Temperature	3000K/4000K/5000K
CRI	>90/ >90/ >80
Lamp Output	30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	30W : 3061/3322/3689 lm * 35W : 3322/3588/3820 lm * 40W : 3689/3947/4169 lm *
Beam Angle	15/24/36/65 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	30W : MH 70W 35W : MH 100W 40W : MH 100W

Ordering Data

Model	Watt
TRL100/WH-30LED	30W
TRL100/WH-35LED	35W
TRL100/WH-40LED	40W



Related Products



TRL100/BK

LED Spot / Tracklight



TIS TRL102

Application

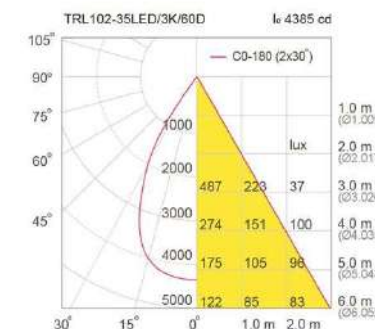
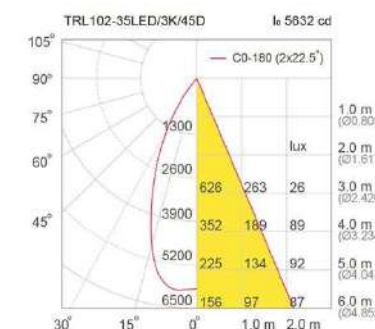
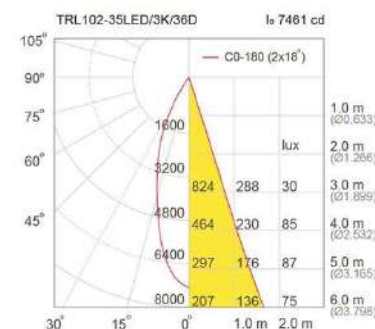
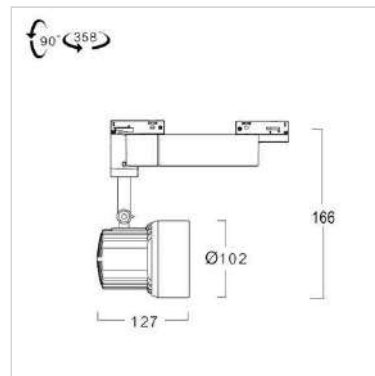
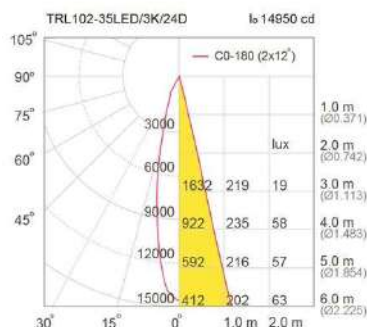
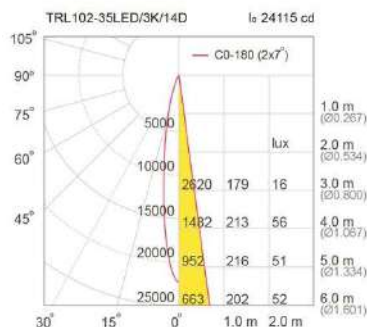
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	23W/30W/35W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W:2570/2786/3045 lm 30W:3427/3715/4060 lm 35W:3855/4179/4568 lm
Luminaire Output	23W:2148/2300/2473 lm * 30W:2860/3070/3300 lm * 35W:3160/3390/3645 lm *
Beam Angle	14/24/36/45/60 degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.90
Insulation Class	II
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	23W:MH 35W 30W:MH 70W 35W:MH 100W

Ordering Data

Model	Watt
TRL102/WH-23LED	23W
TRL102/WH-30LED	30W
TRL102/WH-35LED	35W



Related Products



TRL102/BK

LED Spot / Tracklight



TIS TRL135

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

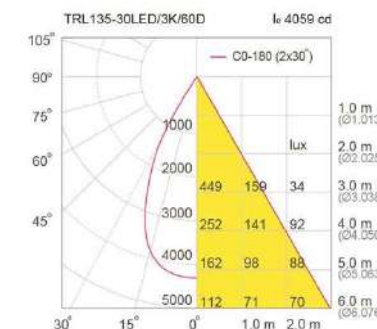
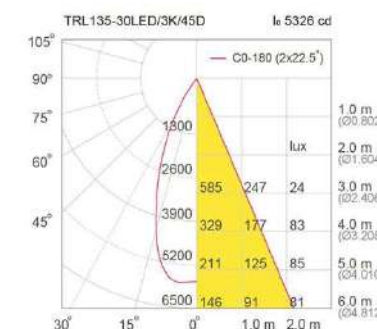
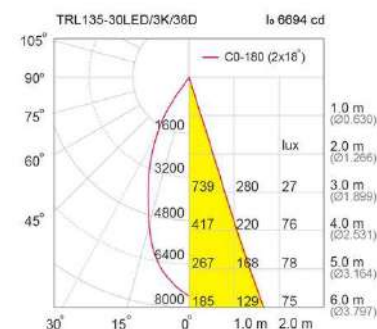
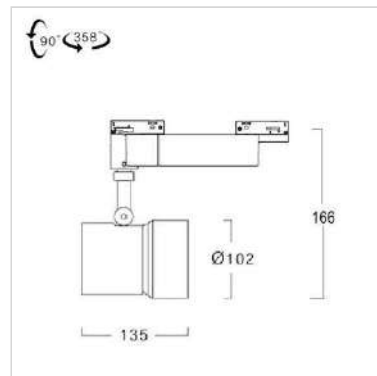
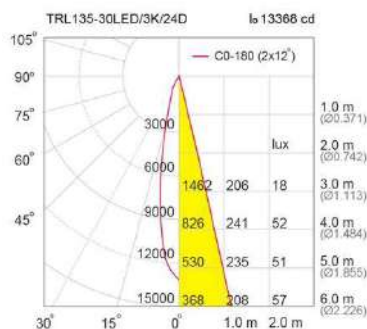
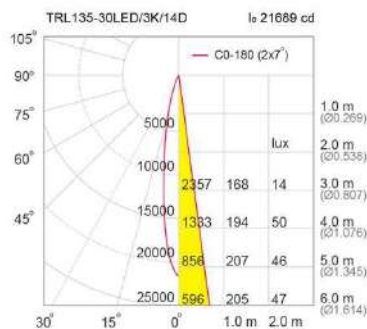
Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 curcuit lighting track (LTS01/LTR01)
Power	23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	23W:2570/2786/3045 lm 30W:3427/3715/4060 lm
Luminaire Output	23W:2148/2300/2473 lm * 30W:2860/3070/3300 lm *
Beam Angle	14/24/36/45/60 degree
Control Gear	Built-in driver
Power Supply	220-240VAC,50Hz
Power Factor	>0.90
Insulation Class	II
IP Rating	20
Luminaire Lifetime	40,000 hrs.
Equivalent	23W:MH 35W 30W:MH 70W

Remarks

* Value at 24 Degree

Ordering Data

Model	Watt
TRL135/WH-23LED	23W
TRL135/WH-30LED	30W



Related Products



TRL135/BK

LED Spot / Tracklight



TIS TRL50

Application

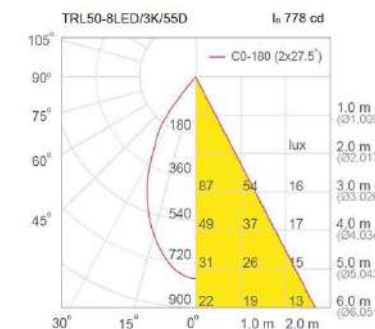
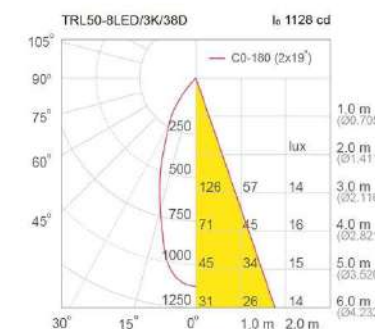
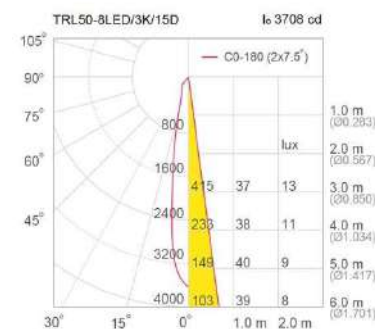
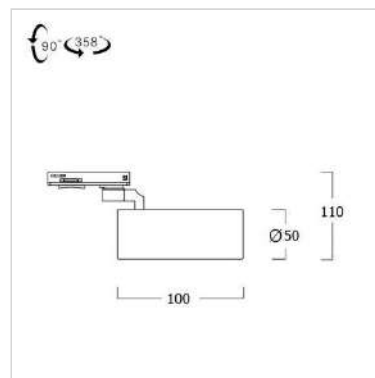
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	8W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	8W : 960/1032/1224 lm
Luminaire Output	8W : 654/706/840 lm *
Beam Angle	15/38/55 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	8W : PAR30 50W
Remarks	* Value at 15 Degree

Ordering Data

Model	Watt
TRL50/WH-8LED	8W



Related Products



TRL50/BK



TRL65-8/14W



TRL80J-14/20/23W



TRL110-20/23/30W

LED Spot / Tracklight



TIS TRL65

Application

Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

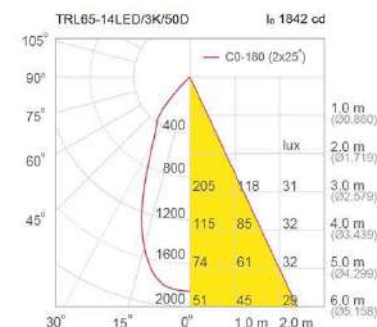
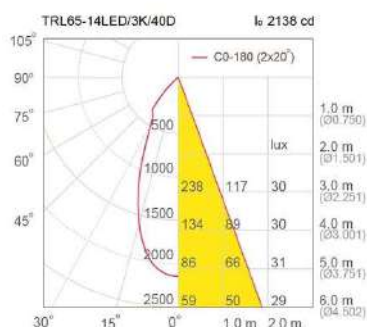
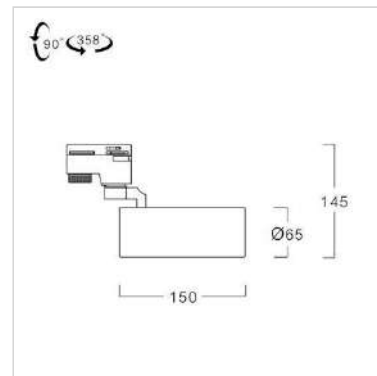
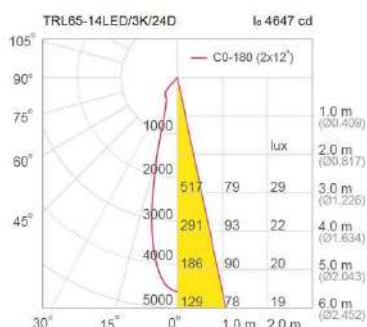
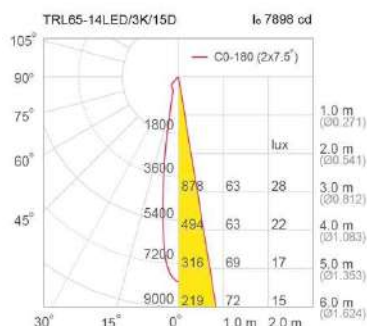
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	8/14W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	8W : 900/970/1040 lm 14W : 1540/1660/1805 lm
Luminaire Output	8W : 771/833/903 lm * 14W : 1320/1426/1540 lm *
Beam Angle	15/24/40/50 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	8W : PAR30 50W 14W : PAR30 75W

Remarks

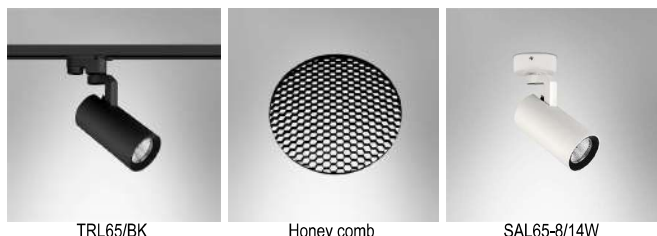
* Value at 24 Degree

Ordering Data

Model	Watt
TRL65/WH-8LED	8W
TRL65/WH-14LED	14W



Related Products



TRL65/BK

Honey comb

SAL65-8/14W

LED Spot / Tracklight



TRL80J

Application

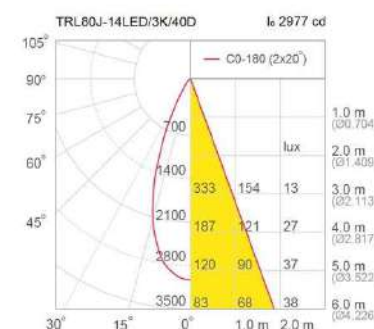
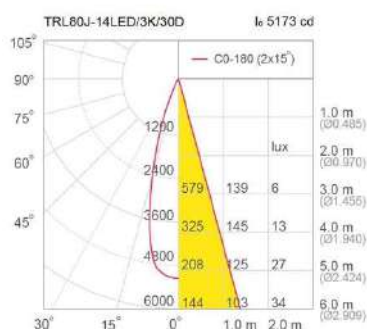
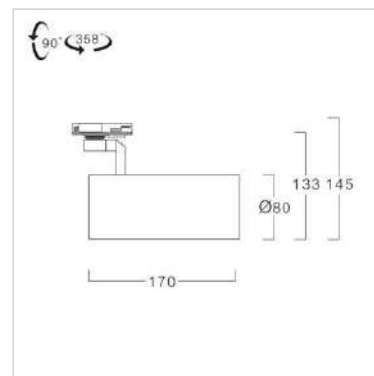
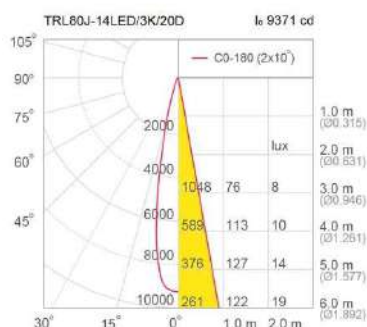
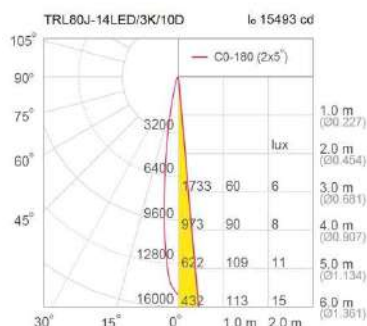
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

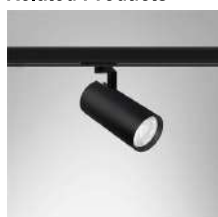
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	14/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1409/1522/1649 lm* 20W : 2069/2235/2421 lm** 23W : 2341/2528/2739 lm**
Beam Angle	14W : 10/20/30/40 Degree 20/23W : 15/24/36/45 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W
Remarks	* Value at 20 Degree ** Value at 24 Degree

Ordering Data

Model	Watt
TRL80J/WH-14LED	14W
TRL80J/WH-20LED	20W
TRL80J/WH-23LED	23W



Related Products



TRL80J/BK



Hood (length 30 mm.)



Honey comb (use with Hood only)



VISOR

LED Spot / Tracklight



TRL110

Application

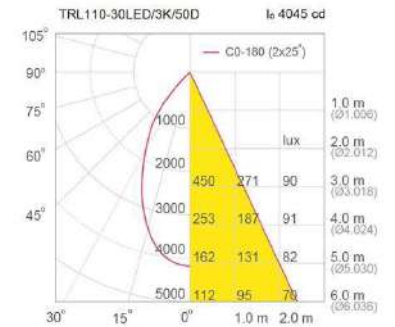
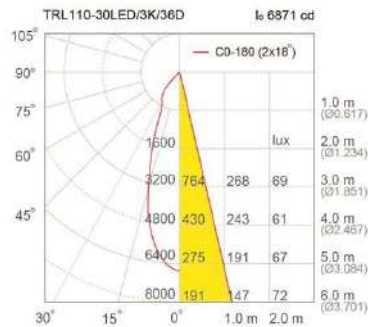
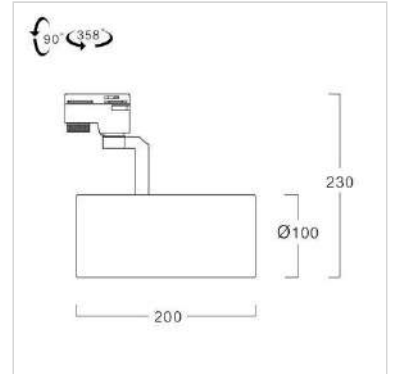
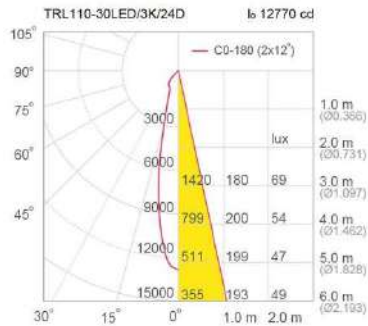
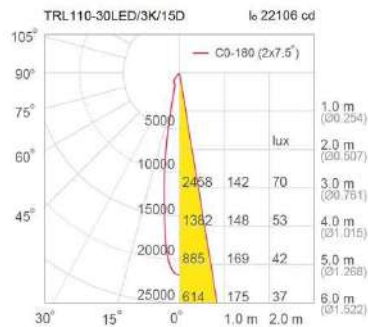
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	20/23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	20W : 1650/1782/1931 lm * 23W : 2398/2590/2806 lm * 30W : 3208/3465/3689 lm *
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	20W : MH 20W 23W : MH 35W 30W : MH 70W
Remarks	* Value at 24 Degree

Ordering Data

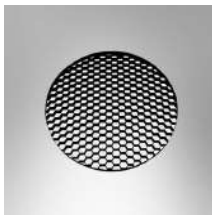
Model	Watt
TRL110/WH-20LED	20W
TRL110/WH-23LED	23W
TRL110/WH-30LED	30W



Related Products



TRL110/BK



Honey comb



TRL65-8/14W



TRL80J-14/20/23W



SAL65-8/14W



SAL80J-14/20/23W



SAL110-20/23/30W

LED Spot / Tracklight



TRL119

Application

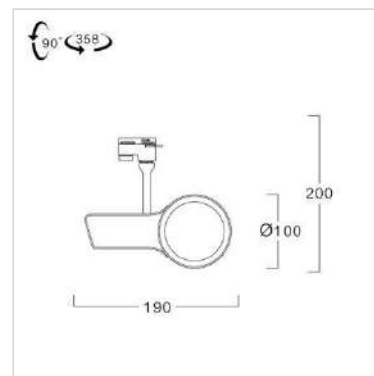
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in White or black
Mounting	1 phase lighting track (LTS01/LTR01)
Power	30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Beam Angle	15/24/36 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	30W : MH 70W 35W : MH 100W 40W : MH 100W

Ordering Data

Model	Watt
TRL119/BK-30LED	30W
TRL119/BK-35LED	35W
TRL119/BK-40LED	40W



Related Products



TRL119/BK

LED Spot / Tracklight



TIS TRL120

Application

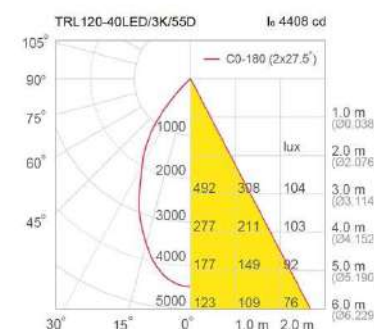
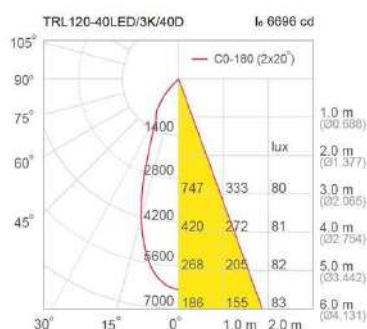
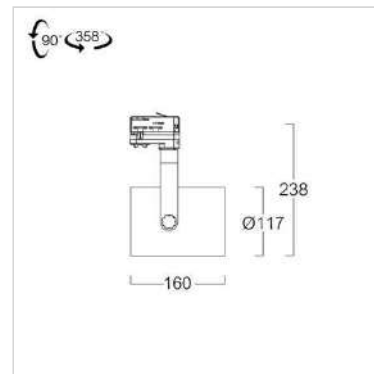
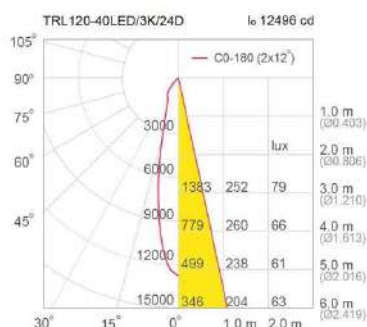
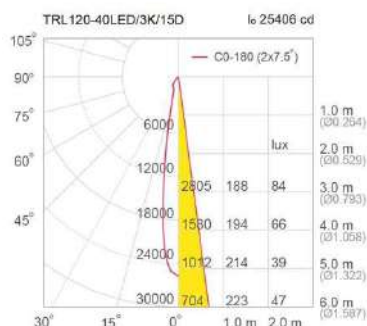
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	30W : 2870/3091/3292 lm* 35W : 3230/3481/3706 lm* 40W : 3846/4115/4346 lm*
Beam Angle	15/24/40/55 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs
Equivalent	30W : MH 70W 35W : MH 100W 40W : MH 150W
Remarks	* Value at 24 Degree

Ordering Data

Model	Watt
TRL120/WH-30LED	30W
TRL120/WH-35LED	35W
TRL120/WH-40LED	40W



Related Products



TRL120/BK

LED Spot / Tracklight



TRL190

Application

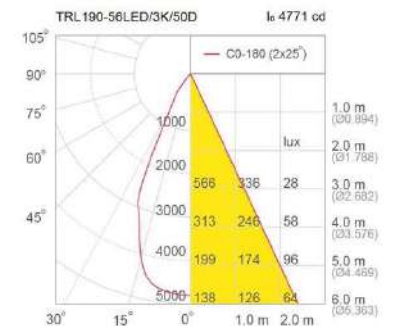
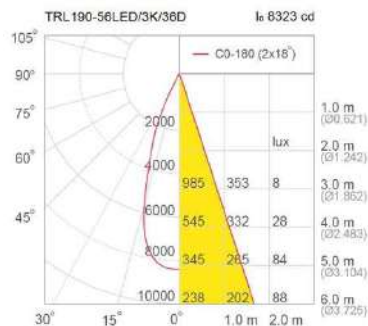
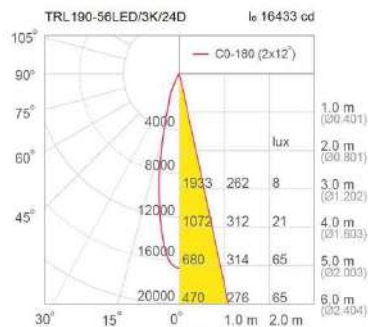
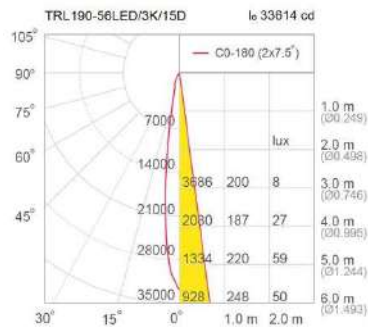
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	56W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	56W : 6220/6660/7095 lm
Luminaire Output	56W : 3245/3472/3700 lm*
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	56W : MH 150W
Remarks	* Value at 24 Degree

Ordering Data

Model	Watt
TRL190/WH-56LED	56W



Related Products



TRL190/BK

LED Spot / Tracklight



TIS TRL76Z

Application

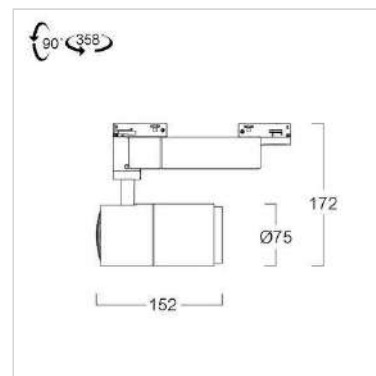
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	14/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Beam Angle	15-36/36-60 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W

Ordering Data

Model	Watt
TRL76Z/WH-14LED	14W
TRL76Z/WH-20LED	20W
TRL76Z/WH-23LED	23W



Related Products



TRL76Z/BK

Lighting Track System



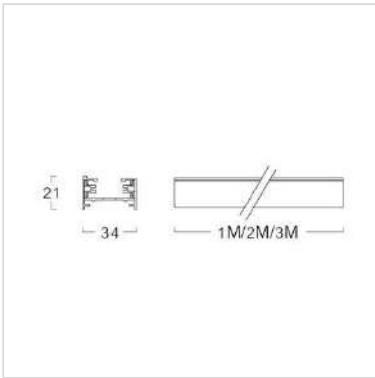
LTS01

Specification

Housing	Extruded aluminium with copper wire for maximum current 16A (Max.3520W)
Finishing	Powder Coated in white or black
Mounting	Surface
Power Supply	1 Circuit 220-240VAC,50Hz
Power Factor	N/A
Insulation Class	I
IP Rating	20
Remarks	1 Circuit for Non-dim or Dim phase

Ordering Data

Model	Watt
LTS01/WH 1.0 m.	-
LTS01/WH 2.0 m.	-
LTS01/WH 3.0 m.	-
LTS01-I/WH (I-Connector)	-
LTS01-L/WH (L-Connector)	-
LTS01-S/WH (Power supply with end cap)	-
LTS01-T/WH (T-Connector)	-
LTS01-X/WH (X-Connector)	-



Related Products



Power supply/End cap connector



I Connector



L Connector



T Connector



X Connector

Lighting Track System



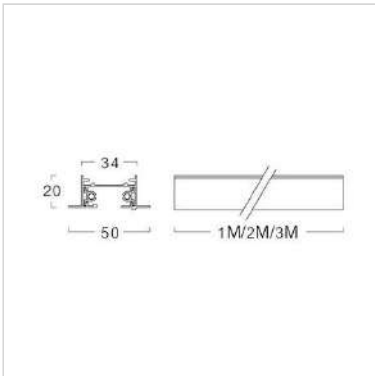
TIS LTR01

Specification

Housing	Extruded aluminium with copper wire for maximum current 16A (Max.3520W)
Finishing	Powder Coated in white or black
Mounting	Recessed
Power Supply	1 Circuit 220-240VAC,50Hz
Power Factor	N/A
Insulation Class	I
IP Rating	20
Remarks	1 Circuit for Non-dim or Dim phase

Ordering Data

Model	Watt
LTR01/WH 1.0 m.	-
LTR01/WH 2.0 m.	-
LTR01/WH 3.0 m.	-
LTR01-I/WH (I-Connector)	-
LTR01-L/WH (L-Connector)	-
LTR01-S/WH (Power supply with end cap)	-
LTR01-T/WH (T-Connector)	-



Related Products



Power supply/End cap
connector



I Connector



L Connector



T Connector

Lighting Track System



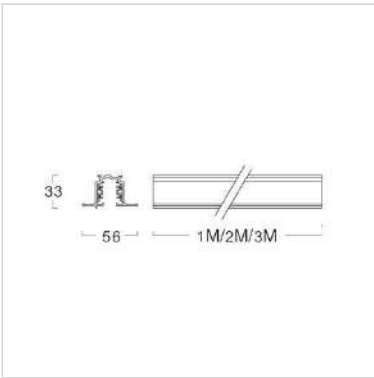
 **LTR03**

Specification

Housing	Extruded aluminium with copper wire for maximum current 16A (Max.3520W)
Finishing	Powder Coated in white or black
Mounting	Recessed
Power Supply	3 Circuits 220-240VAC,50Hz
Power Factor	N/A
Insulation Class	I
IP Rating	20
Remarks	3 Circuits for Non-dim or Dim phase

Ordering Data

Model	Watt
LTR03/WH 1.0 m.	-
LTR03/WH 2.0 m.	-
LTR03/WH 3.0 m.	-
LTR03-ECAP/WH (End cap)	-
LTR03-I/WH (I Connector)	-
LTR03-S/WH (Power supply)	-



Related Products



Power supply



I Connector



End cap

Lighting Track System



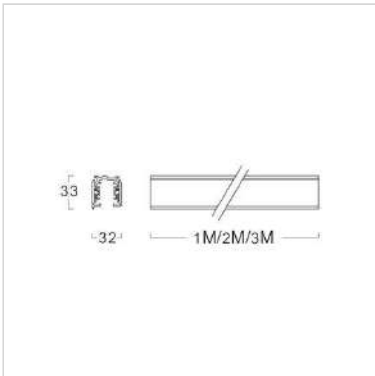
TIS LTS04

Specification

Housing	Extruded aluminium with copper wire for maximum current 16A (Max.3520W)
Finishing	Powder Coated in white or black
Mounting	Surface
Power Supply	1 Circuit 220-240VAC,50Hz
Power Factor	N/A
Insulation Class	I
IP Rating	20
Remarks	1 Circuit for Dimmable 0/1-10V or DALI

Ordering Data

Model	Watt
LTS04/WH 1M. for Dim 0/1-10 or DALI	-
LTS04/WH 2M. for Dim 0/1-10 or DALI	-
LTS04/WH 3M. for Dim 0/1-10 or DALI	-
LTS04-ECAP/WH for Dim 0/1-10 or DALI	-
LTS04-I/WH for Dim 0/1-10 or DALI	-
LTS04-L/WH for Dim 0/1-10 or DALI	-
LTS04-S/WH for Dim 0/1-10 or DALI	-



Related Products



Power supply



I connector



L Connector



End cap

Lighting Track System



 TIS LTR04

Specification

Housing	Extruded aluminium with copper wire for maximum current 16A (Max.3520W)
Finishing	Powder Coated in white or black
Mounting	Recessed
Power Supply	1 Circuits 220-240VAC,50Hz
Power Factor	N/A
Insulation Class	I
IP Rating	20
Remarks	1 Circuits for Dimmable 0/1-10V or DALI

Ordering Data

Model	Watt
LTR04/WH 1M. for Dim 0/1-10 or DALI	-
LTR04/WH 2M. for Dim 0/1-10 or DALI	-
LTR04/WH 3M. for Dim 0/1-10 or DALI	-
LTR04-L/WH for Dim 0/1-10 or DALI	-
LTR04-S/WH for Dim 0/1-10 or DALI	-



Related Products



Power supply

I connector

L connector

End cap



Indoor Lighting

Pendant/Wall/Table/Floor lamps

LED Pendant



PSAL102

Application

Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

Housing Description

Die-cast and extruded aluminium
Upper reflector : Vacuum aluminum plating PC/ High quality lens
4 different lamp heads are available for various applications
WR (front reflector white)
BR (front reflector black)
MB (front reflector mirror black)
MI (front reflector mirror chrome)
Powder coated in white or black
suspension wires lenght 1.5 m.

Finishing

Mounting

Power

Light Source

LED COB

Colour Temperature

CRI

3000/4000/5000K

Lamp Output

Luminaire Output

Beam Angle

UGR

Control Gear

Power Supply

Power Factor

Insulation Class

IP Rating

Luminaire Lifetime

Equivalent

Remarks

14/20W

LED COB

3000/4000/5000K

>90/ >90/ >80

14W : 1540/1660/1805 lm

20W : 2200/2370/2575 lm

14W : 1024/1095/1172 lm *

20W : 1907/2040/2183 lm **

14W : 15 Degree

20W : 26/36/45/55 Degree

<19

Built-In Driver

220-240VAC, 50Hz

>0.9

I

20

40,000 hrs

14W : PAR30 75W

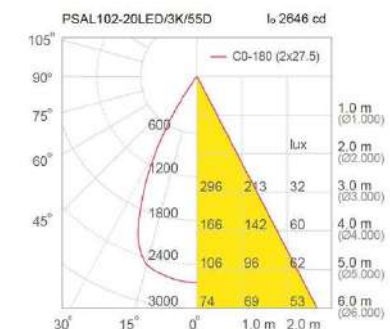
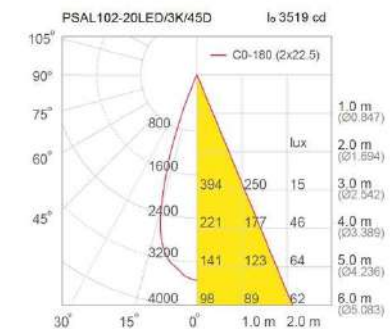
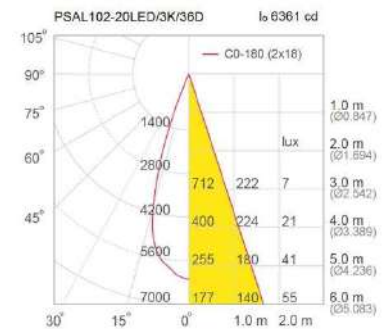
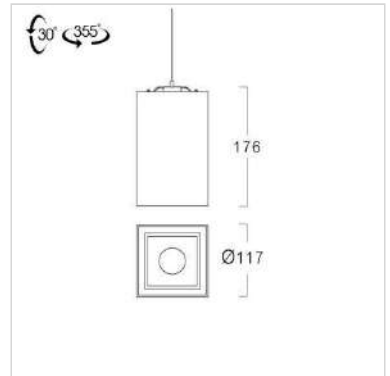
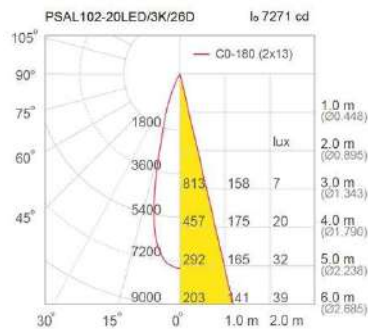
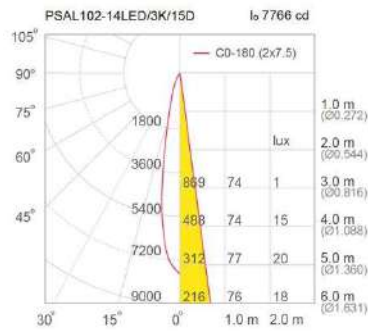
20W : MH 20W

* Value at 15 Degree

** Value at 36 Degree

Ordering Data

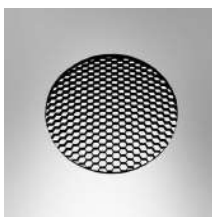
Model	Watt
PSAL102/MI/WH-14LED	14W



Related Products



PSAL102/BK



Honey comb



SSAL102-14/20W



PAL102J-14/20W



SAL102J-14/20W

LED Pendant



PSAL115

Application

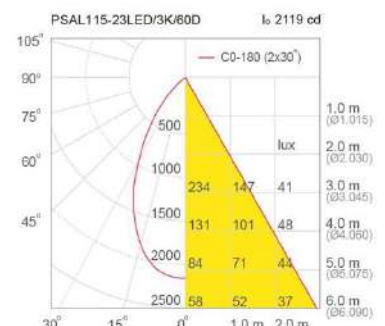
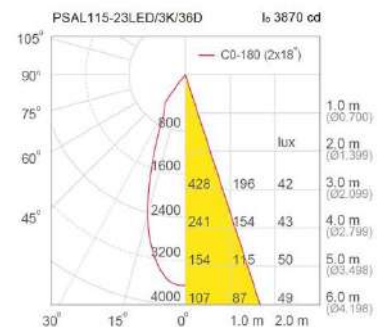
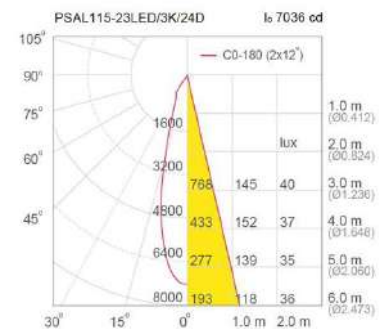
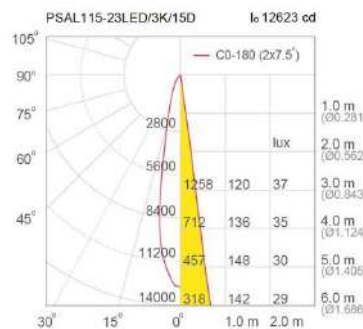
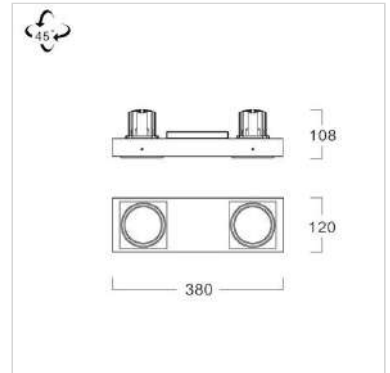
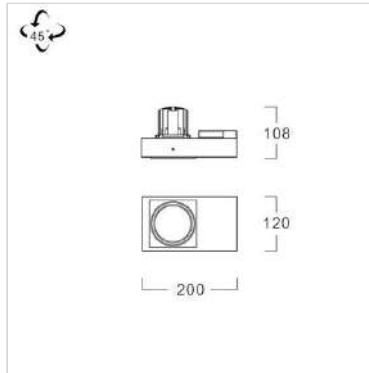
Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

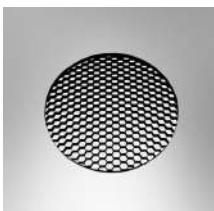
Housing	Printed steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Mounting	Suspension wire
Power	1 lamp : 14W / 2 lamps : 28W 1 lamp : 20W / 2 lamps : 40W 1 lamp : 23W / 2 lamps : 46W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1394/1503/1634 lm* 20W : 1873/2019/2195 lm* 23W : 2085/2247/2444 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	40,000 hrs
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
PSAL115/BK-1x14LED	14W
PSAL115/BK-1x20LED	20W
PSAL115/BK-1x23LED	23W
PSAL115/BK-2x14LED	28W
PSAL115/BK-2x20LED	40W
PSAL115/BK-2x23LED	46W



Related Products



Honey comb



Hood



PSAL130-1x23/30/35W



PSAL130-2x23/30/35W

LED Pendant



PSAL130

Application

Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

Housing	Printed steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Suspension wire
Power	1 lamp : 23W / 2 lamps : 46W 1 lamp : 30W / 2 lamps : 60W 1 lamp : 35W / 2 lamps : 70W

Light Source

LED-COB

Colour Temperature 3000/4000/5000K

CRI >90/ >90/ >80

Lamp Output 23W : 2635/2845/3090 lm

30W : 3500/3770/4015 lm

35W : 3940/4245/4520 lm

Luminaire Output 23W : 2046/2191/2356 lm*

30W : 2763/2958/3181 lm*

35W : 3081/3231/3547 lm*

Beam Angle 14/24/36/45/60 degree

Control Gear Built-in driver

Power Supply 220-240VAC, 50Hz

Power Factor >0.9

Insulation Class I

IP Rating 20

Luminaire Lifetime 40,000 hrs.

Equivalent 23W : MH 35W

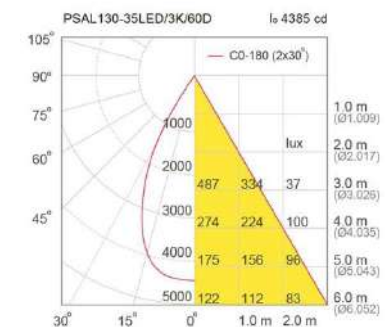
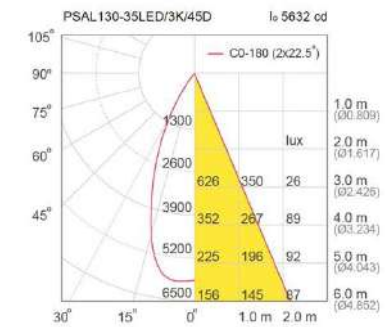
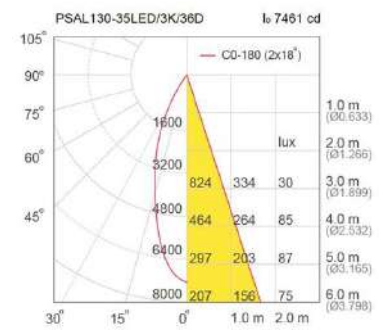
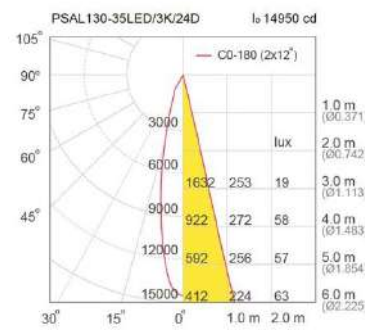
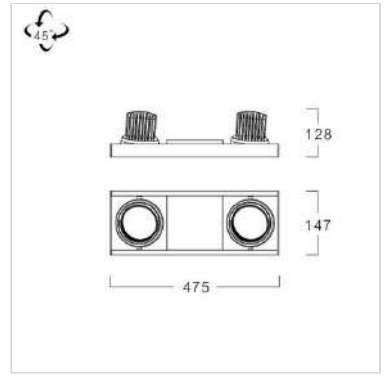
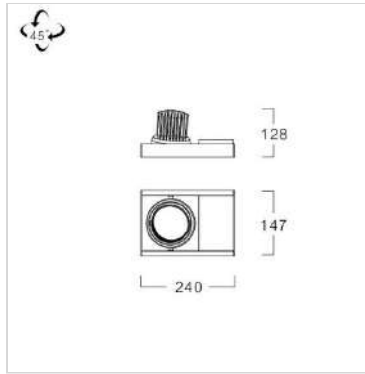
30W : MH 70W

35W : MH 100W

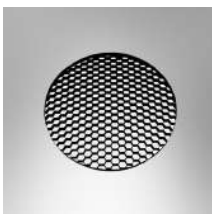
Remarks *Value at 24 Degree

Ordering Data

Model	Watt
PSAL130/WH-1x23LED	23W
PSAL130/WH-1x30LED	30W
PSAL130/WH-1x35LED	35W
PSAL130/WH-2x23LED	46W
PSAL130/WH-2x30LED	60W
PSAL130/WH-2x35LED	70W



Related Products



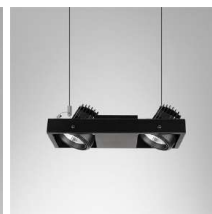
Honey comb



Hood



PSAL115-1x14/20/23W



PSAL115-2x14/20/23W

LED Pendant



PDL65

Application

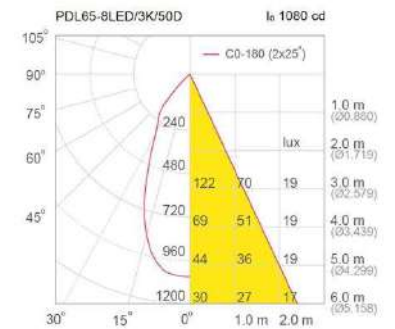
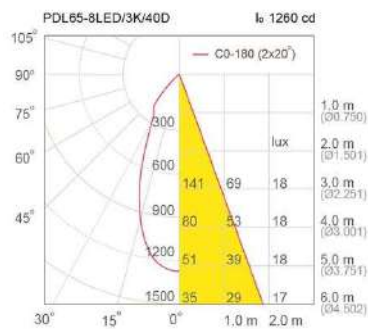
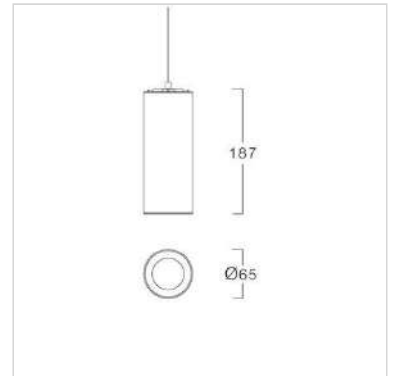
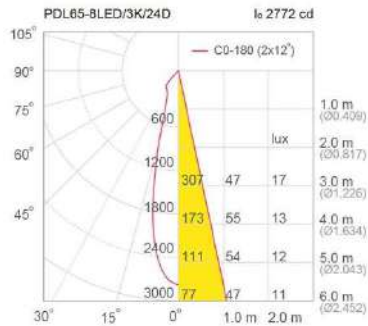
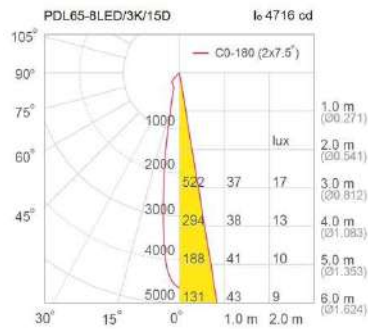
Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	suspension wires lenght 1.50 m.
Power	8/14W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	8W : 900/970/1040 lm 14W : 1540/1660/1805 lm *
Luminaire Output	8W : 771/833/903 lm * 14W : 1320/1426/1540 lm *
Beam Angle	15/24/40/50 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	8W : PAR30 50W 14W : PAR30 75W
Remarks	* Value at 24 Degree

Ordering Data

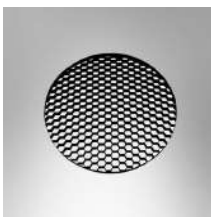
Model	Watt
PDL65/WH-8LED	8W
PDL65/WH-14LED	14W



Related Products



PDL65/BK



Honey comb



TRL65-8/14W



SDL65-8/14W



SAL65-8/14W

LED Pendant



PDL80

Application

Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

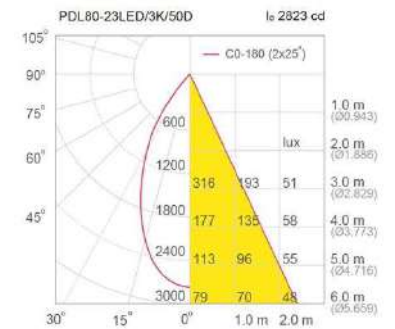
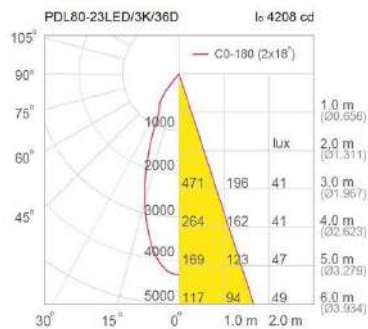
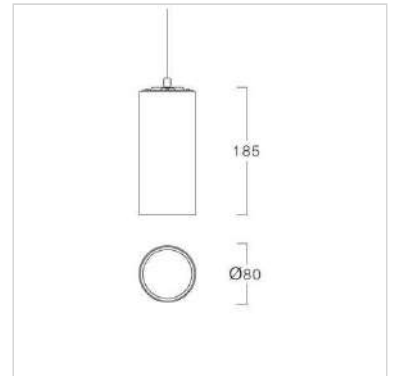
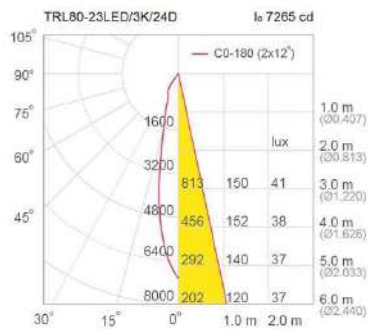
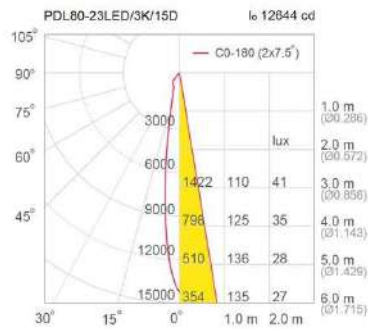
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	suspension wires lenght 1,50 m.
Power	14/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80
Lamp Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1355/1464/1581 lm * 20W : 1769/1911/2063 lm * 23W : 2013/2174/2348 lm *
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0,9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	14W : PAR30 75W 20W : MH 20W 23W : MH 35W

Remarks

* Value at 24 Degree

Ordering Data

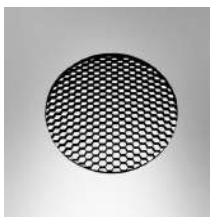
Model	Watt
PDL80/WH-14LED	14W
PDL80/WH-20LED	20W
PDL80/WH-23LED	23W



Related Products



PDL80/BK



Honey comb



TRL80J-14/20/23W



SAL80J-14/20/23W



SDL80-14/20/23W

LED Pendant



TIS PDL110

Application

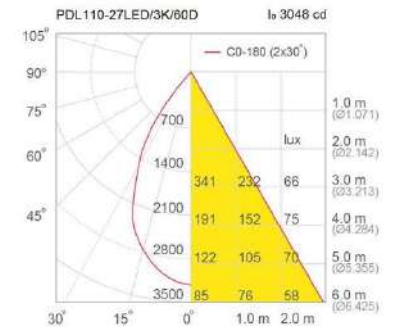
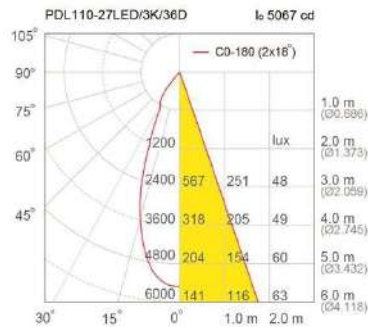
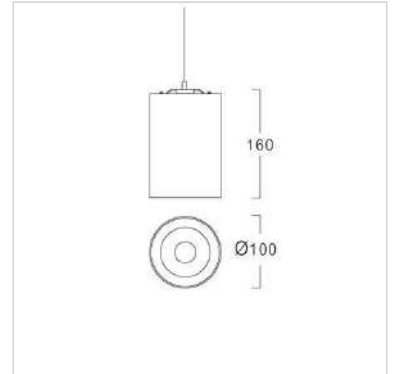
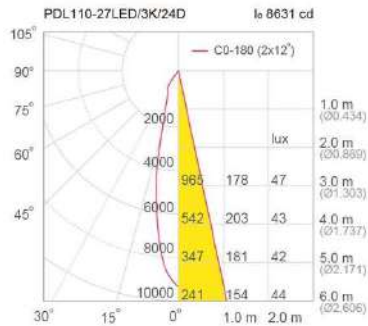
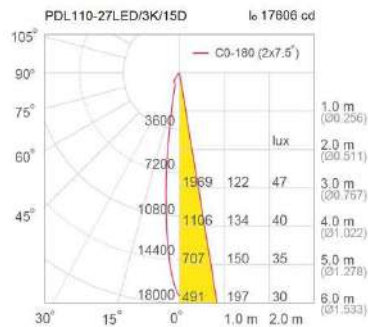
Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	suspension wires lenght 1.50 m.
Power	20/23/27W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K
CRI	>90/ >90/ >80 *
Lamp Output	20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 27W : 3065/3300/3515 lm
Luminaire Output	20W : 1805/1950/2112 lm * 23W : 2070/2236/2422 lm * 27W : 2320/2505/2668 lm *
Beam Angle	15/24/36/60 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
LED Lifetime	40,000 hrs.
Equivalent	20W : MH 20W 23W : MH 35W 27W : MH 70W
Remarks	* Value at 24 Degree

Ordering Data

Model	Watt
PDL110/WH-20LED	20W
PDL110/WH-23LED	23W
PDL110/WH-27LED	27W



Related Products



LED Pendant



TIS PAL102J

Application

Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

Housing Description

Die-cast and extruded aluminium
Upper reflector : Vacuum aluminum plating PC/ High quality lens
4 different lamp heads are available for various applications
WR (front reflector white)
BR (front reflector black)
MB (front reflector mirror black)
MI (front reflector mirror chrome)
Powder coated in white or black
suspension wires lenght 1.50 m.

Finishing

Mounting

Power

Light Source

LED COB

Colour Temperature

3000/4000/5000K

CRI

>90/ >90/ >80

Lamp Output

14W : 1540/1660/1805 lm
20W : 2200/2370/2575 lm
23W : 2635/2845/3090 lm
14W : 1024/1095/1172 lm *
20W : 1907/2040/2183 lm **
23W : 2433/2603/2785 lm **

Beam Angle

14W : 10/15/26/36/45/55 Degree
20/23W : 26/36/45/55 Degree

UGR

<19

Control Gear

Built-In Driver

Power Supply

220-240VAC, 50Hz

Power Factor

>0.9

Insulation Class

I

IP Rating

20

Luminaire Lifetime

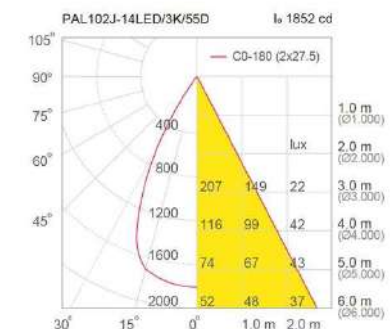
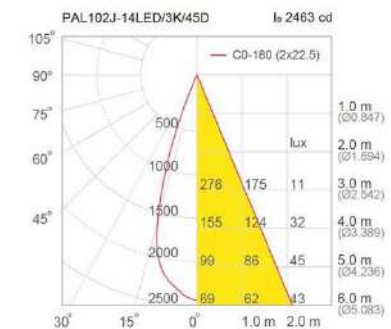
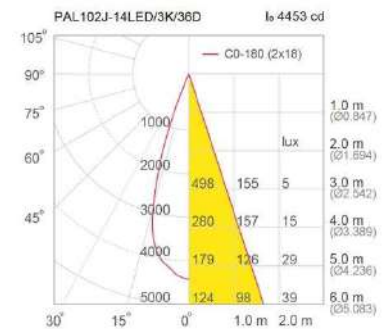
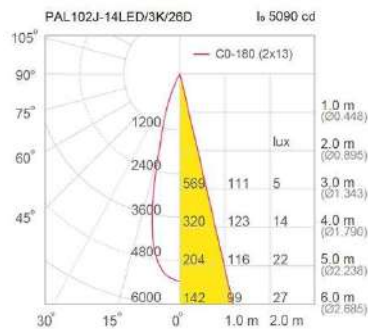
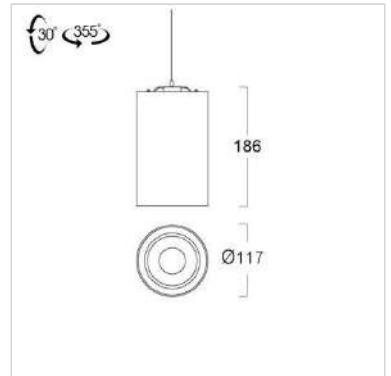
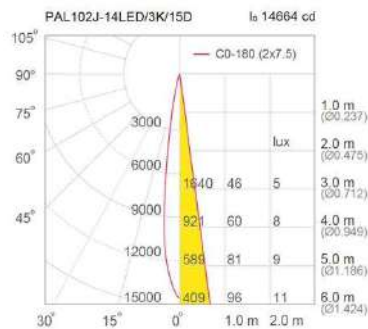
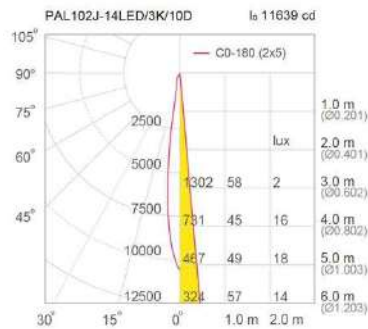
40,000 hrs

Equivalent

14W : PAR30 75W
20W : MH 20W
23W : MH 35W

Remarks

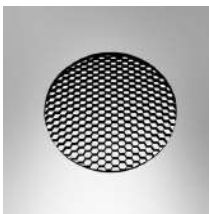
* Value at 15 Degree
** Value at 36 Degree



Related Products



PAL102J/BK



Honey comb







more than light

Thailand offices

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