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DOWNLIGHT SPOT / TRACK LIGHT



2026 CATALOGUE

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 | Wall Mount

TYPE OF LED LUMINAIRE

Product range of L&E LED 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



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)

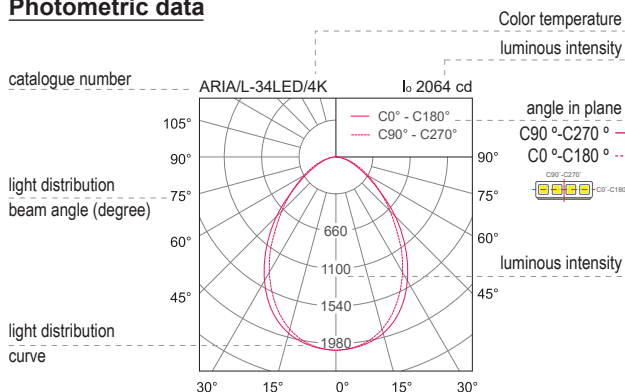
Luminaire Lifetime

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



Ceiling or wall, cutout for round recessed luminaire



Ceiling or wall, cutout for square recessed luminaire



Vertical adjustment from 0° to 30°



Horizontal adjustment from 0° to 358°



Two axis adjustment from 0° to 30°

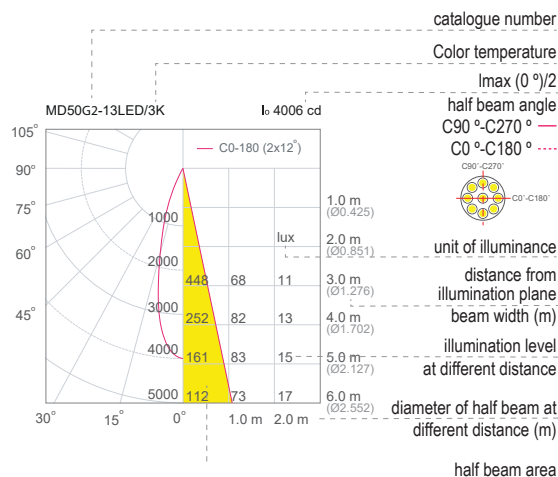
Standards



Thai industrial standard
(according to IEC standard)

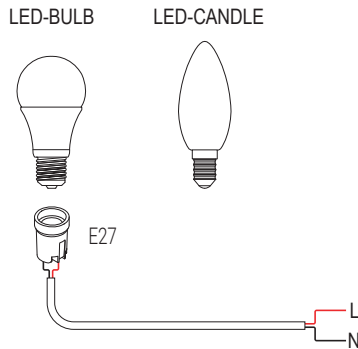


16.7 million color by RGB color additive

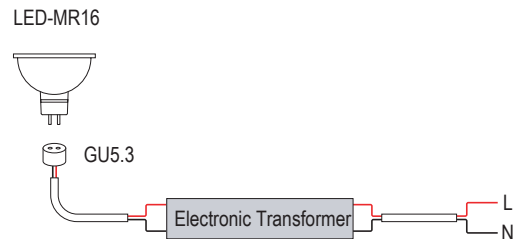


WIRING Diagram

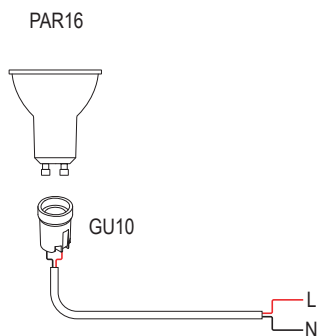
LED-BULB



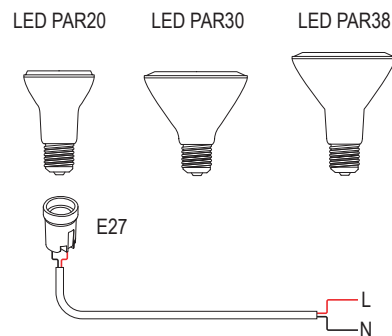
LED-MR16



LED PAR16



LED PAR20/30/38

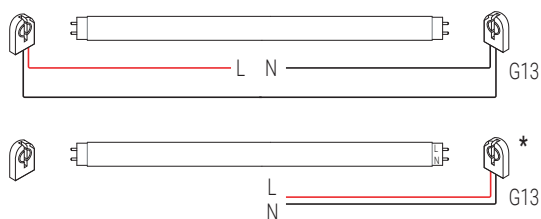


LED-T8

LED-T8 Double ended



LED-T8 Single ended



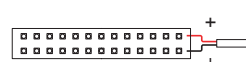
* Please make sure to put the lamp on the right side (L, N)

Remark

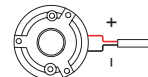
In Thailand the power system is 220V, 50Hz for other countries may difference.

LED-MODULE/LED-COB

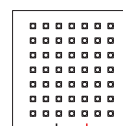
LINEAR MODULE



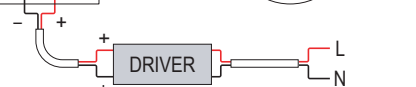
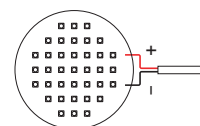
LED-COB



SQUARE MODULE



CIRCLE MODULE



GUIDE TO CATALOGUE

1. Product category

2. Product's Model

3. Brand name

4. Product information

LED Recessed Downlight

TS 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.

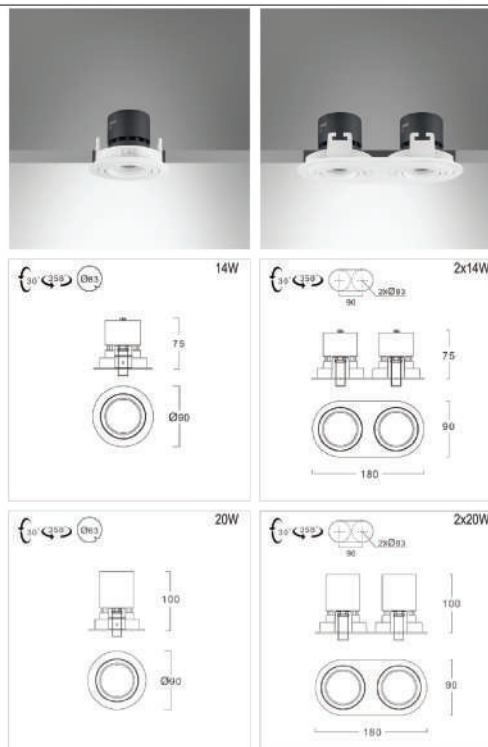
Specification

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 (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538
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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
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.

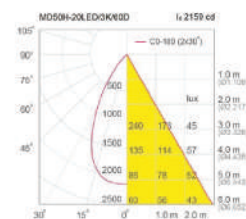
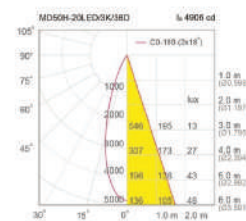
Accessories



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8. Photometric data (IES file is available)

9. Accessories for this product

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



RSAL102K



RSAL75J

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



SAL135K



SSAL115E

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



TRL80K



TRL651K



TRL10075L

CONTENT

Indoor Lighting

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Spot / Track light

Spot/Track light Luminaires	131-170
Lighting track System	171-176

Pendant / Wall / Table / Floor lamps

Pendant Luminaires	177-183
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Indoor Lighting

Recessed Downlight

Indoor Lighting (Downlights)

Recessed Downlight Luminaires



RFM83 (4-8W)



(8-16W)



RAM83 (4-8W)



(8-16W)



RAM83D (4-8W)



RAM64 (4-8W)



RAM75J (4-8W)



RAM75J/T (4-8W)



RAQ160 (10-20W)



RAQ160D (10-20W)



RFP49D (3-4W)



RAP49D (3-4W)



RAP58 (3-4W)



RAP54J (3-4W)



RAP64 (4-7W)



RAP81D (4-7W)



RAP90D (4-7W)



RDC100T (7-9W)



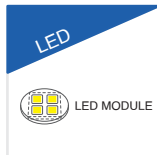
RDC125T (7-13W)



RDC134V (7-13W)



RDC154V (7-15W)



RFL24 (2W)



RFL34 (3W)



RAL49D (8W)



RAL49D (8W)



RAL58 (8W)



RAL54J (8W)



RAL64 (14/20W)



RAL75J (14/20W)



RAL75J/T (14/20W)



RFL83 (14/20W)



(28/40W)



RAL83 (14/20W)



(28/40W)



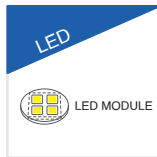
RAL83D (14/20W)



ERDL100 (10/14W)

Indoor Lighting (Downlights)

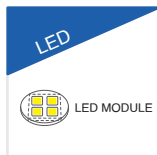
Recessed Downlight Luminaires



ERDL100S (12W)



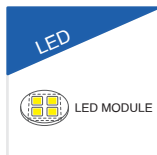
ERDL150 (14/20W)



ERDL150S (20W)



ERDL200 (23/27W)



ERDL200S (23W)



ERDL250 (30W)



RFL100D/E (14-30W)



RFL125D/E (23-40W)



RAL45 (3W)



RAL45D (6/10W)



RAL40K (8W)



RAL56K (12/14W)



RAL70K (14/20W)



RAL76K (14/20W)



RAL86K (14-23W)



RAL102K (14-27W)



RAL135K (18-49W)



RAL176K (44-65W)



RAL56K/T (12/14W)



RAL76K/T (14/20W)



RAL107E (14-30W)



RAL107D/E (14-30W)



RAL127E (23-40W)



RAL127D/E (23-40W)



RWL76 (12W)



RWL100 (20/27W)

Indoor Lighting (Downlights)

Recessed Square Downlight Luminaires



RSAP58 (3-4W)



RSAP81D (4-7W)



MRDC125T (7-13W)



ERSDL150 (14/20W)



ERSDL150S (20W)



ERSDL200 (20-27W)



ERSDL200S (23W)



RSDL100 (10W)



RSDL130 (14W)



RSDL170 (20W)



RSDL210 (25W)



RSAL58 (8W)



RSAL76K (14/20W)



RSAL86K (14-23W)



RSAL102K (14-27W)



RSAL135K (18-49W)



RSAL176K (44-65W)

Indoor Lighting (Downlights)

Multi-Recessed Downlight Luminaires



RSAM75J (4-8W)



(8-16W)



RSAM75J/T (4-8W)



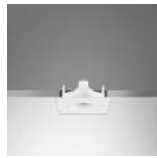
(8-16W)



RSFM83 (4-8W)



(8-16W)



RSAM83 (4-8W)



(8-16W)



RSAM83D (4-8W)



(8-16W)



RSAM99 (4-8W)



(8-16W)



RSAP90D (4-7W)



(8-14W)



RSAQ150 (10-20W)



(20-40W)



RSAQ150D (10-20W)



RAL811/SL (20-40W)



MRDC135F (7-9W)



MRDC155F (7-13W)



MRDC135D (7-9W)



MRDC155D (7-13W)



RSAL75J (14/20W)



(28/40W)



RSAL75J/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)

Indoor Lighting (Downlights)

IP Recessed Downlight Luminaires



RAP70 (4-7W)



RFP60D (3-4W)



RFP74D (4-7W)



RSFP74D (4-7W)



RFL60D (8W)



RFL74D (14/20W)



RSFL74D (14/20W)



RAL70 (14/20W)



IRD100 (10W)



IRD130 (14/20W)



IRD170 (23/30W)



IRD210 (40/49W)



IRD155 (8W)



IRD195 (14/20W)



IRD115 (23/27W)

LED Recessed Downlight



TIS RFM83

Application

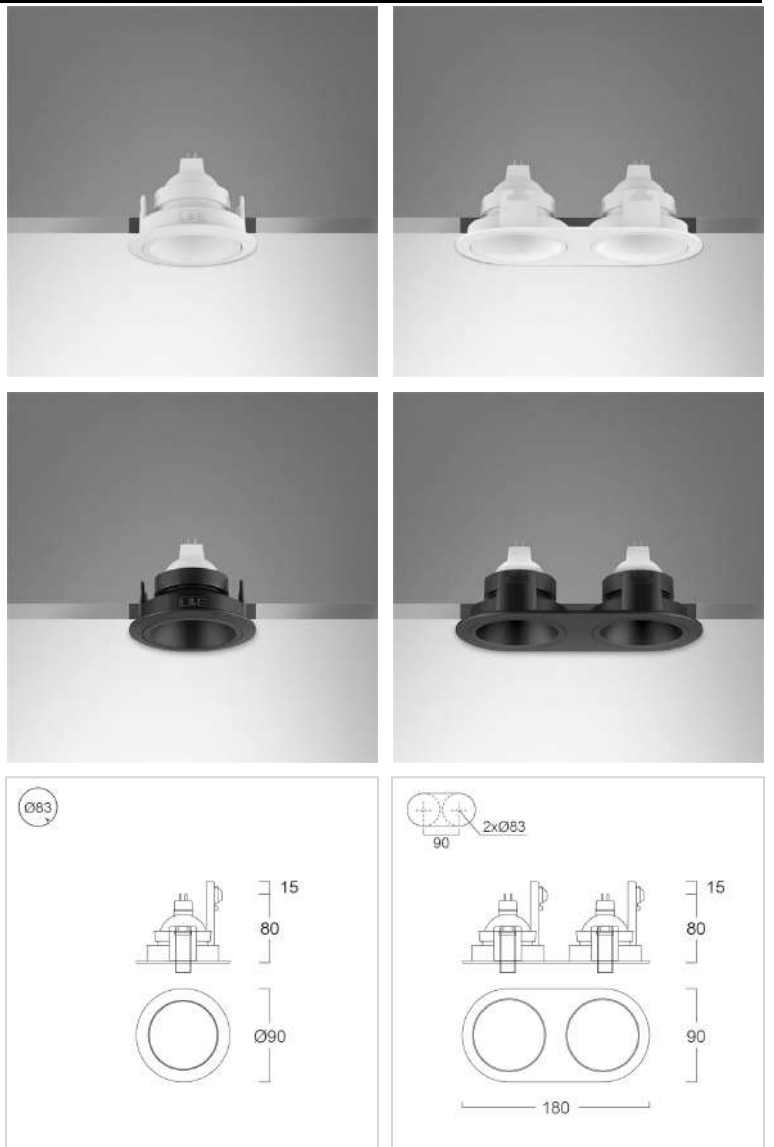
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

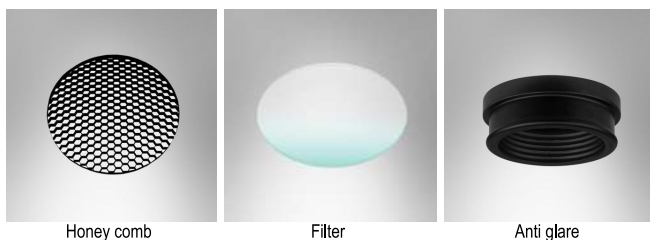
Housing	Die-cast aluminium
Description	4 different color matching are available for various applications WH : lamp head white , trim white BK : lamp head black , trim black WH/BK : lamp head white , trim black BK/WH : lamp head black , trim white Powder Coated in white / black
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GU5.3
Colour Temperature	2700/3000/4000/6500K
CRI	>80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 6.5W : 2700/3000/4000K : 550 lm Separate electronic transformer
Control Gear	Separate electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Lamp Lifetime	6W : 15,000 hrs. 6.5W : 50,000 hrs.

Ordering Data

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



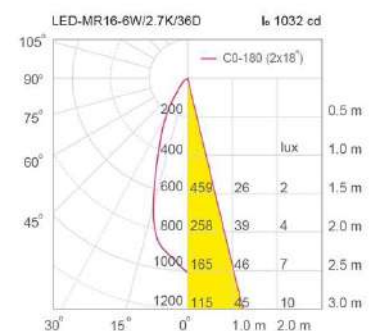
Accessories



Honey comb

Filter

Anti glare



LED Recessed Downlight



TIS RAM83

Application

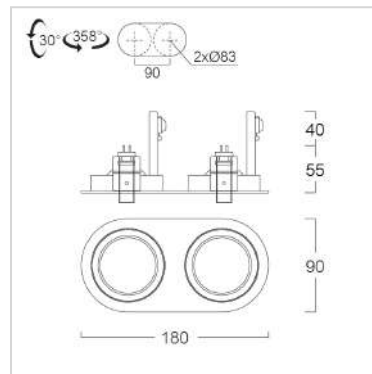
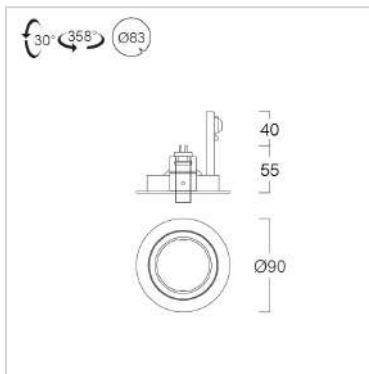
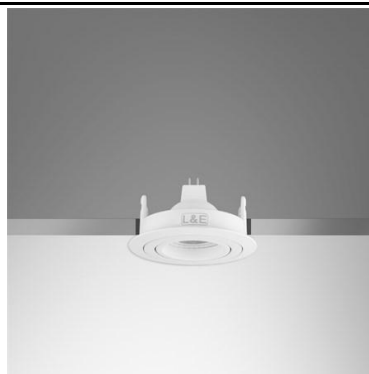
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Specification

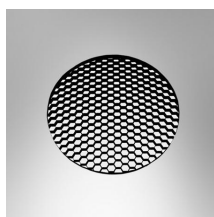
Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GU5.3
Colour Temperature	2700/3000/4000/6500K
CRI	>80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 6.5W : 2700/3000/4000K : 550 lm
Control Gear	Separate electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Lamp Lifetime	6W : 15,000 hrs. 6.5W : 50,000 hrs.

Ordering Data

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



Accessories



Honey comb



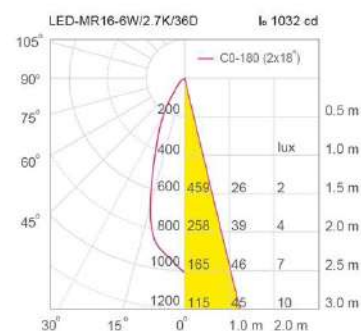
Filter



Anti glare



Hood



LED Recessed Downlight



RAM83D

Application

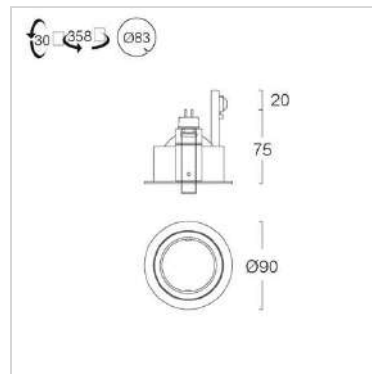
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Specification

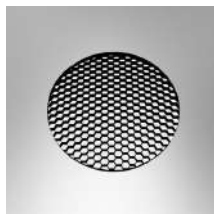
Housing	Die-cast aluminium
Description	3 different color matching are available for various applications WH : inner white , trim white BK : inner black , trim black BK/WH : inner black , trim white Powder Coated in white / black
Finishing	Recessed
Mounting	4-8W
Power	LED-MR16
Light Source	GU5.3
Lamp Holder	2700/3000/4000/6500K
Colour Temperature	>80
CRI	6W : 2700/3000/4000/6500K : 550 lm 6.5W : 2700/3000/4000K : 550 lm
Lamp Output	Separate electronic transformer 220-240VAC, 50Hz
Control Gear	>0.5
Power Supply	II
Power Factor	20
Insulation Class	6W : 15,000 hrs. 6.5W : 50,000 hrs.
IP Rating	
Lamp Lifetime	

Ordering Data

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



Accessories



Honey comb



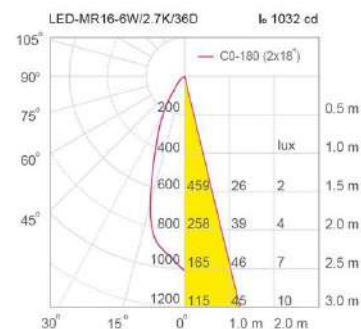
Filter



Anti glare



Hood



LED Recessed Downlight



TIS RAM64

Application

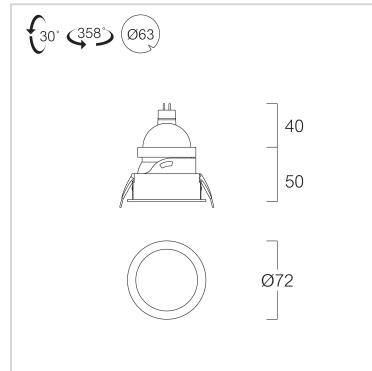
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

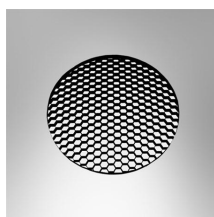
Housing	Die-cast aluminium
Description	4 different for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white / black
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GU5.3
Colour Temperature	2700/3000/4000/6500K
CRI	>80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 6.5W : 2700/3000/4000K : 550 lm
Control Gear	Separate electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Lamp Lifetime	6W : 15,000 hrs. 6.5W : 50,000 hrs.

Ordering Data

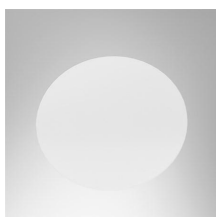
Model	Watt
RAM64/BR/WH-XXLED-MR16	4-8W
RAM64/MB/WH-XXLED-MR16	4-8W
RAM64/MI/WH-XXLED-MR16	4-8W
RAM64/WR/WH-XXLED-MR16	4-8W



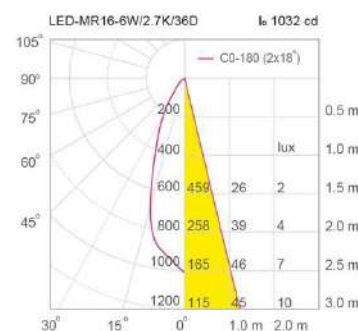
Accessories



Honey comb



Filter



LED Recessed Downlight



TIS RAM75J

Application

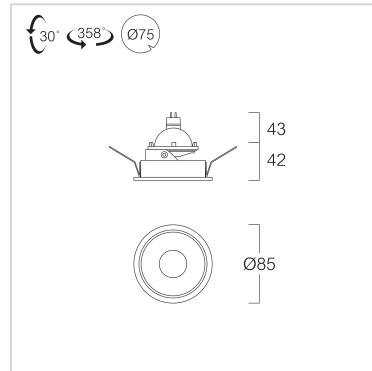
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Description	8 different for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) WWM (front reflector wall wash mirror) WWB (front reflector wall wash black) PH (front reflector round hold) SL (front reflector oval hold)
Finishing	Powder coated in white / black
Reflector	Polycarbonate
Mounting	Recessed
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GU5.3
Colour Temperature	2700/3000/4000/6500K
CRI	>80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 6.5W : 2700/3000/4000K : 550 lm
Control Gear	Separate electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Lamp Lifetime	6W : 15,000 hrs. 6.5W : 50,000 hrs.

Ordering Data

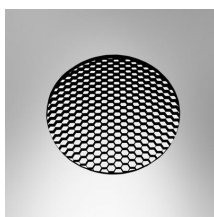
Model	Watt
RAM75J/BR/WH-XXLED-MR16	4-8W
RAM75J/MB/WH-XXLED-MR16	4-8W
RAM75J/MI/WH-XXLED-MR16	4-8W
RAM75J/PH/WH-XXLED-MR16	4-8W
RAM75J/SL/WH-XXLED-MR16	4-8W
RAM75J/WR/WH-XXLED-MR16	4-8W
RAM75J/WWB/WH-XXLED-MR16	4-8W
RAM75J/WWM/WH-XXLED-MR16	4-8W



Accessories



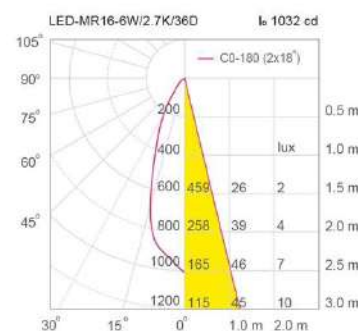
Filter



Honey comb



Hood



LED Recessed Downlight



TIS RAM75J/T

Application

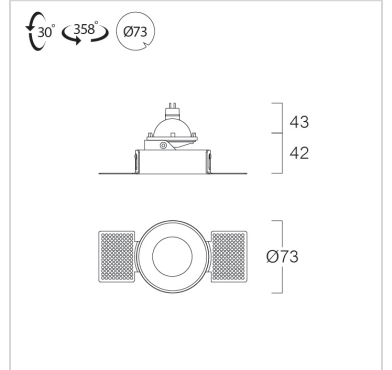
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

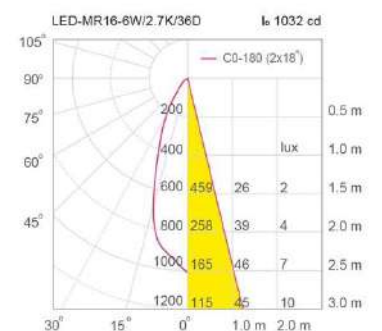
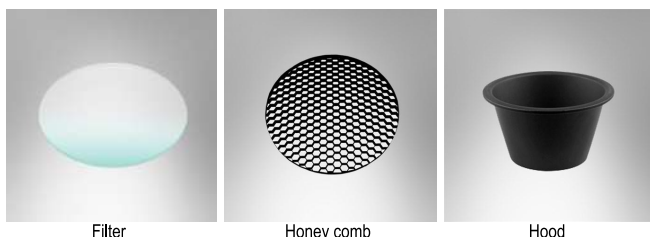
Housing	Die-cast aluminium
Description	8 different for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) WWM (front reflector wall wash mirror) WWB (front reflector wall wash black) PH (front reflector round hold) SL (front reflector oval hold) Powder coated in white / black
Finishing	Polycarbonate
Reflector	Recessed
Mounting	4-8W
Power	LED-MR16
Light Source	GU5.3
Lamp Holder	2700/3000/4000/6500K
Colour Temperature	>80
CRI	6W : 2700/3000/4000/6500K : 550 lm 6.5W : 2700/3000/4000K : 550 lm
Lamp Output	Separate electronic transformer electronic transformer
Control Gear	220-240VAC, 50Hz
Power Supply	>0.5
Power Factor	II
Insulation Class	20
IP Rating	6W : 15,000 hrs. 6.5W : 50,000 hrs.
Lamp Lifetime	

Ordering Data

Model	Watt
RAM75J/T/BR/WH-XXLED-MR16	4-8W
RAM75J/T/MB/WH-XXLED-MR16	4-8W
RAM75J/T/MI/WH-XXLED-MR16	4-8W
RAM75J/T/PH/WH-XXLED-MR16	4-8W
RAM75J/T/SL/WH-XXLED-MR16	4-8W
RAM75J/T/WR/WH-XXLED-MR16	4-8W
RAM75J/T/WWB/WH-XXLED-MR16	4-8W
RAM75J/T/WWM/WH-XXLED-MR16	4-8W



Accessories



LED Recessed Downlight



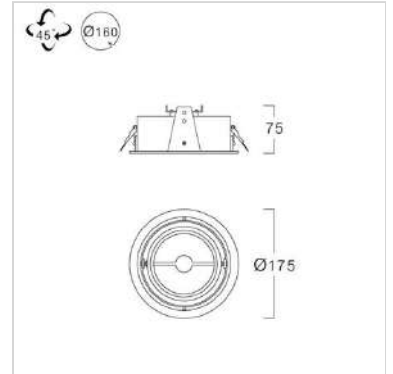
RAQ160

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	10-20W
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 electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Lamp Lifetime	15W : 40,000 hrs. 20W : 25,000 hrs.



Ordering Data

Model	Watt
RAQ160/BK-XXLED-QR111	10-20W
RAQ160/WH-XXLED-QR111	10-20W

Accessories



Hood



Hood

LED Recessed Downlight



RAQ160D

Application

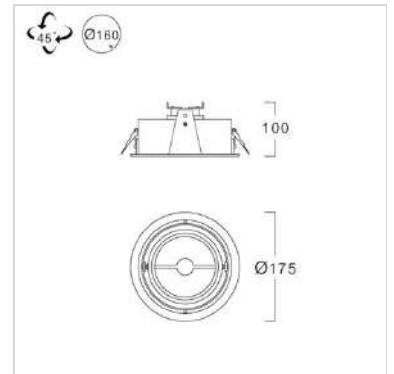
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in black / white
Mounting	Recessed
Power	10-20W
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 electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Lamp Lifetime	15W : 40,000 hrs. 20W : 25,000 hrs.

Ordering Data

Model	Watt
RAQ160D/BK-XXLED-QR111	10-20W
RAQ160D/WH-XXLED-QR111	10-20W



Accessories



Hood



Hood

LED Recessed Downlight



RFP49D

Application

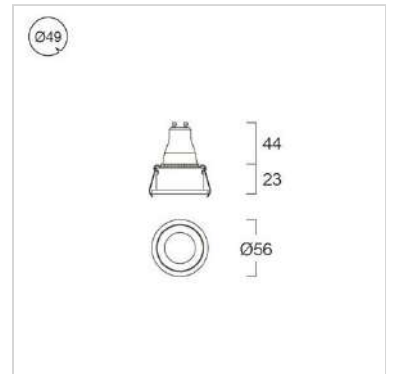
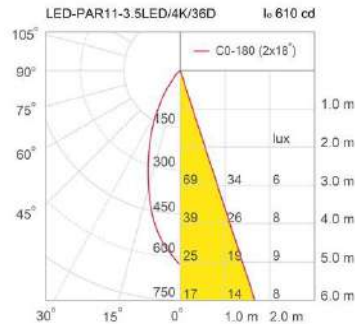
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

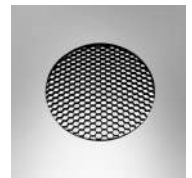
Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	3-4W
Light Source	LED-PAR11
Lamp Holder	GU10
Colour Temperature	3000/4000K
CRI	>80
Lamp Output	300 lm
Power Supply	220-240VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
RFP49D/BK-XXLED-PAR11	3-4W
RFP49D/WH-XXLED-PAR11	3-4W



Accessories



Honey comb

RAP49D

Application

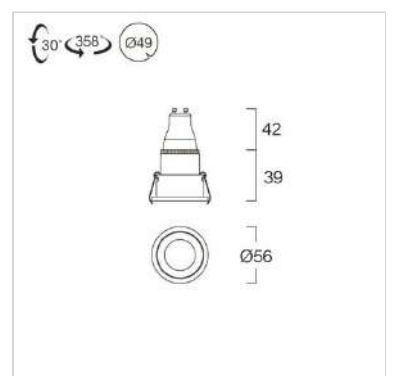
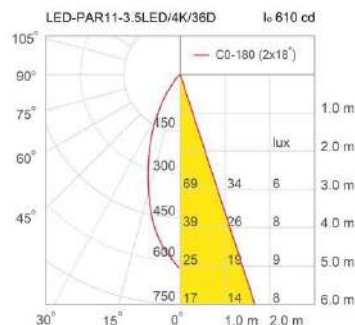
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	3-4W
Light Source	LED-PAR11
Lamp Holder	GU10
Colour Temperature	3000/4000K
CRI	>80
Lamp Output	300 lm
Power Supply	220-240VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
RAP49D/BK-XXLED-PAR11	3-4W
RAP49D/WH-XXLED-PAR11	3-4W



Accessories



Honey comb

LED Recessed Downlight

TIS RAP58

Application

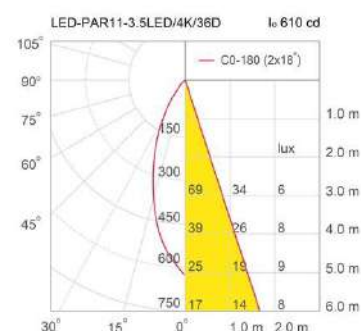
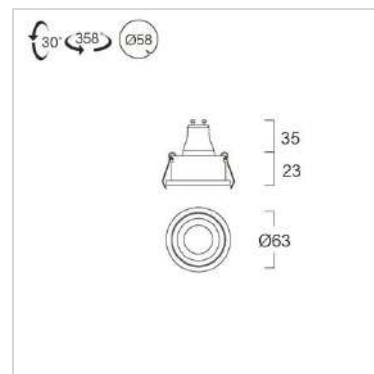
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	3-4W
Light Source	LED-PAR11
Lamp Holder	GU10
Colour Temperature	3000/4000K
CRI	>80
Lamp Output	300 lm
Power Supply	220-240VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
RAP58/BK-XXLED-PAR11	3-4W
RAP58/WH-XXLED-PAR11	3-4W



LED Recessed Downlight

TIS RAP54J

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 / black

Finishing

Mounting Recessed

Power 3-4W

Light Source LED-PAR11

Lamp Holder GU10

Colour Temperature 3000/4000K

CRI >80

Lamp Output 300 lm

Power Supply 220-240VAC, 50Hz

Power Factor >0.5

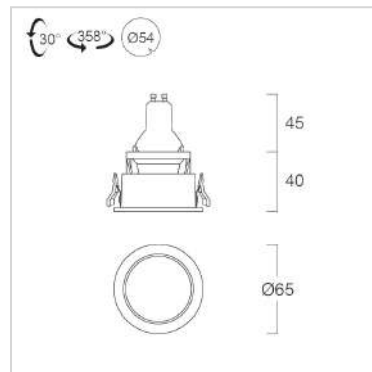
Insulation Class II

IP Rating 20

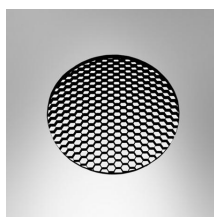
Lamp Lifetime 15,000 hrs.

Ordering Data

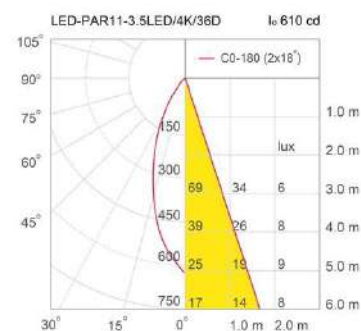
Model	Watt
RAP54J/BR/WH-XXLED-PAR11	3-4W
RAP54J/MB/WH-XXLED-PAR11	3-4W
RAP54J/MI/WH-XXLED-PAR11	3-4W
RAP54J/WR/WH-XXLED-PAR11	3-4W



Accessories



Honey comb



LED Recessed Downlight



TIS RAP64

Application

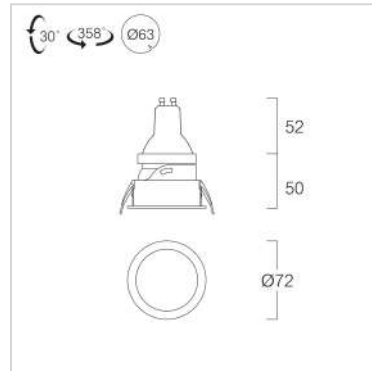
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

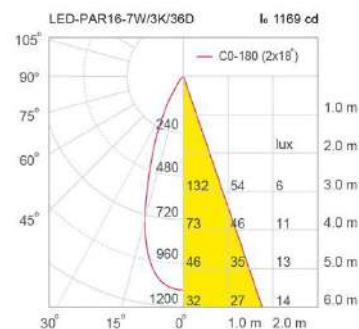
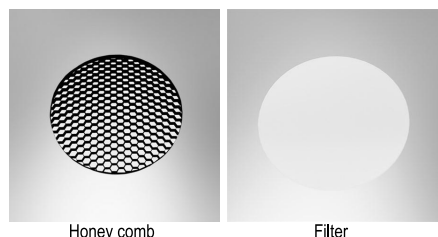
Housing	Die-cast aluminium
Description	4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) Powder coated in white / black
Finishing	Recessed
Mounting	4-7W
Power	LED-PAR16
Light Source	GU10
Lamp Holder	27000/3000/4000K
Colour Temperature	>80
CRI	6.5W : 2700/3000/4000K : >580 lm 7W : 3000/4000K : 670 lm
Lamp Output	6.5W : 220-240VAC, 50Hz 7W : 220VAC, 50Hz
Power Supply	>0.5
Power Factor	II
Insulation Class	20
IP Rating	6.5W : 50,000 hrs. 7W : 15,000 hrs.
Lamp Lifetime	

Ordering Data

Model	Watt
RAP64/BR/WH-XXLED-PAR16	4-7W
RAP64/MB/WH-XXLED-PAR16	4-7W
RAP64/MI/WH-XXLED-PAR16	4-7W
RAP64/WR/WH-XXLED-PAR16	4-7W



Accessories



LED Recessed Downlight



RAP81D

Application

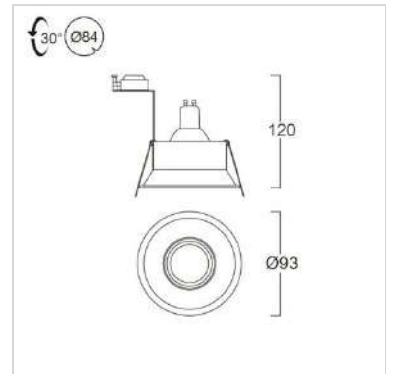
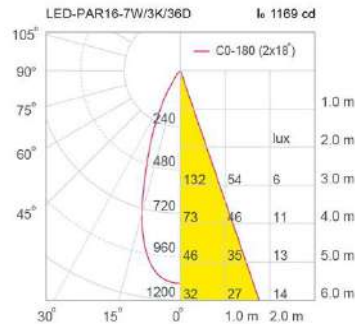
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white
Mounting	Recessed
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	27000/3000/4000K
CRI	>80
Lamp Output	6.5W : 2700/3000/4000K : >580 lm 7W : 3000/4000K : 670 lm
Power Supply	6.5W : 220-240VAC, 50Hz 7W : 220VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Lamp Lifetime	6.5W : 50,000 hrs. 7W : 15,000 hrs.

Ordering Data

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



RAP90D

Application

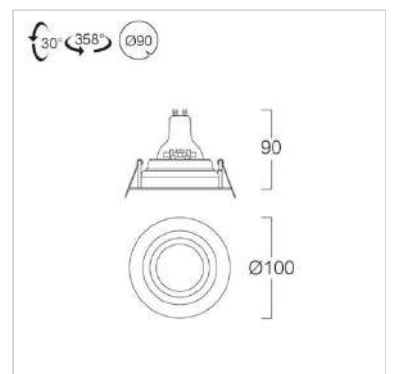
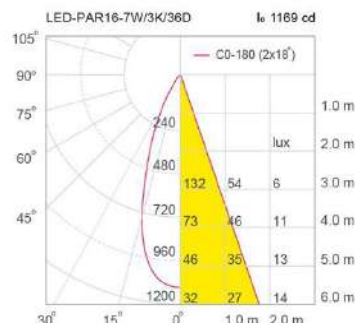
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white
Mounting	Recessed
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	27000/3000/4000K
CRI	>80
Lamp Output	6.5W : 2700/3000/4000K : >580 lm 7W : 3000/4000K : 670 lm
Power Supply	6.5W : 220-240VAC, 50Hz 7W : 220VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Lamp Lifetime	6.5W : 50,000 hrs. 7W : 15,000 hrs.

Ordering Data

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



LED Recessed Downlight



RDC100T

Application

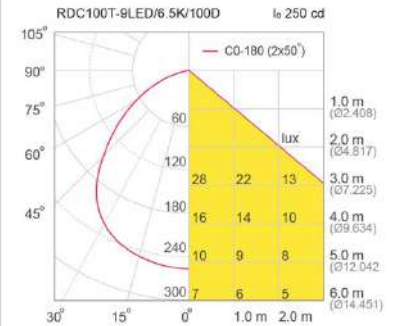
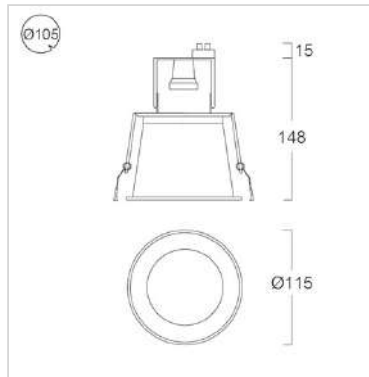
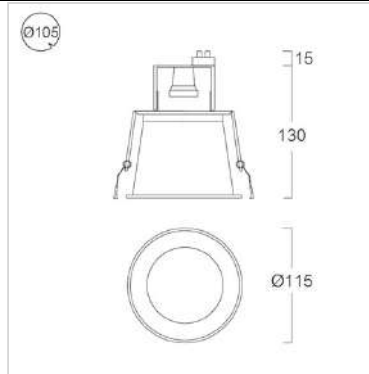
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted aluminium front trim/ metal frame
Finishing	Powder coated in white
Mounting	Recessed
Power	7/9W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	7W : 630/690 lm 9W : 810/850 lm
Beam Angle	100 degree
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	>0.5
Insulation Class	I
IP Rating	20
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
RDC100T/WH-XXLED-E27	7-9W



RDC125T

Application

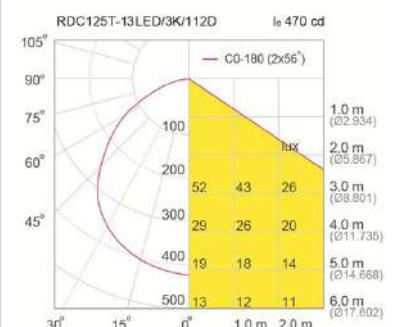
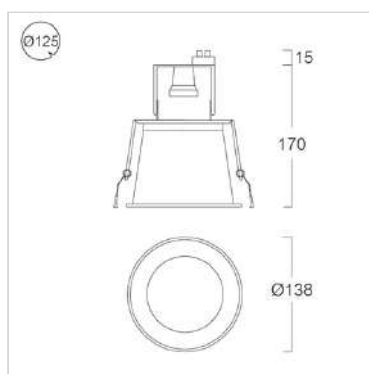
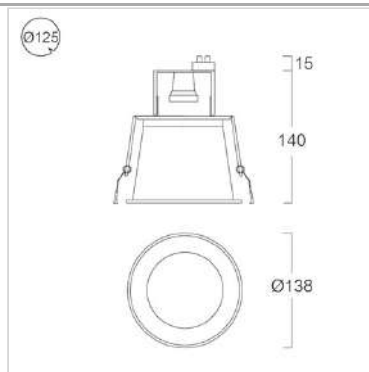
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted aluminium front trim/ metal frame
Finishing	Powder coated in white
Mounting	Recessed
Power	7/9/11/13W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	7W : 630/690 lm 9W : 810/850 lm 11W : 1050/1050 lm 13W : 1350/1350 lm
Beam Angle	112 degree
Power Supply	220VAC, 50Hz (L&E lamps) 220-240VAC, 50Hz (other brands lamp are available as option)
Power Factor	>0.5
Insulation Class	I
IP Rating	20
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
RDC125T/WH-XXLED-E27	7-13W



LED Recessed Downlight



RDC134V

Application

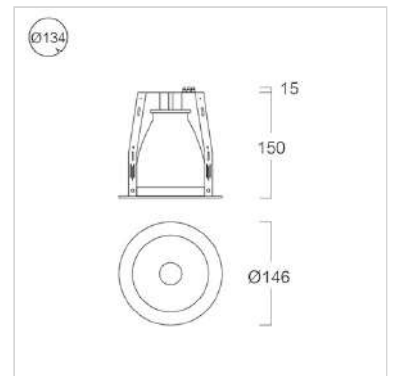
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Electro galvanized steel frame with Polyester powder coated in white
Reflector	Aluminium
Mounting	Recessed
Power	7/9/11/13W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	7W : 630/690 lm 9W : 810/850 lm 11W : 1050/1050 lm 13W : 1350/1350 lm
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	>0.5
Insulation Class	I
IP Rating	20
Lamp Lifetime	25,000 hrs

Ordering Data

Model	Watt
RDC134V/WH-XXLED	7-13W



RDC154V

Application

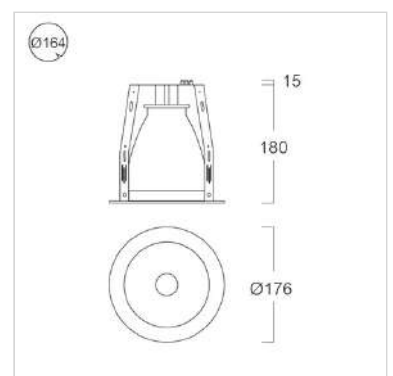
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Electro galvanized steel frame with Polyester powder coated in white
Reflector	Aluminium
Mounting	Recessed
Power	7/9/11/13/15W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	7W : 630/690 lm 9W : 810/850 lm 11W : 1050/1050 lm 13W : 1350/1350 lm 15W : 1450/1450 lm
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	>0.5
Insulation Class	I
IP Rating	20
Lamp Lifetime	25,000 hrs

Ordering Data

Model	Watt
RDC154V/WH-XXLED	7-15W



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 lamp heads are available for various applications

WR (front reflector white)
BR (front reflector black)
MI (front reflector mirror chrome)
Powder Coated in white / black
Polycarbonate

Finishing

Reflector

Mounting

Power

Light Source

Colour Temperature

CRI

Luminaire Output

Beam Angle

UGR

Control Gear

Control

Power Supply

Power Factor

Insulation Class

IP Rating

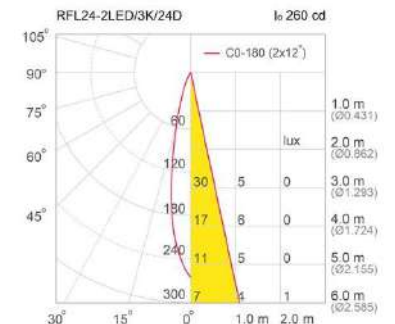
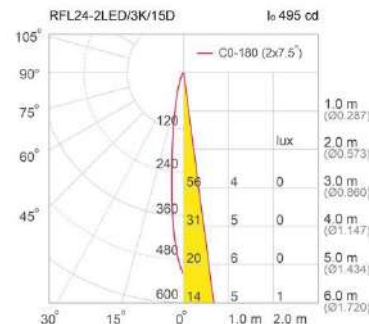
Luminaire Lifetime

Remarks

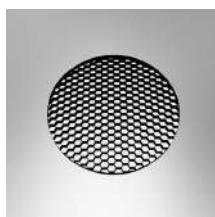
2W
LED-Module
3000/4000K
(2700/3500/6500K as optional)
>90/ >90
66 lm*
15/24/36/50 Degree
<19
Separate driver
DIM PHASE/0-10V
220-240VAC, 50Hz
>0.4
II
20
50,000 hrs.
*Value at 15 Degree

Ordering Data

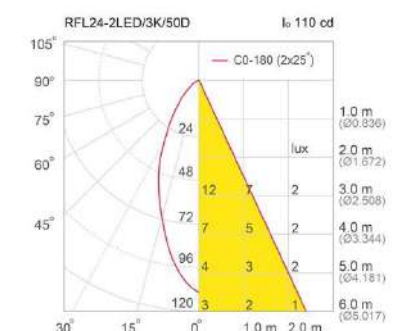
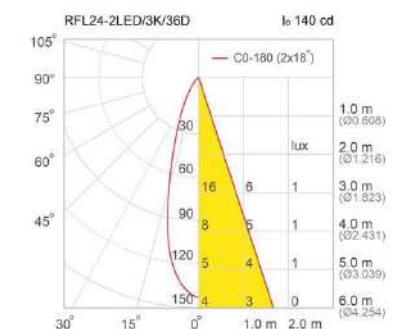
Model	Watt
RFL24/BR/WH-2LED	2W
RFL24/MI/WH-2LED	2W
RFL24/WR/WH-2LED	2W



Accessories



honey comb



LED Recessed Downlight



Application

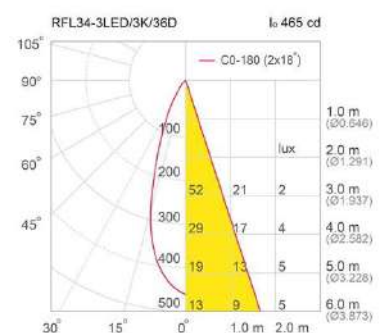
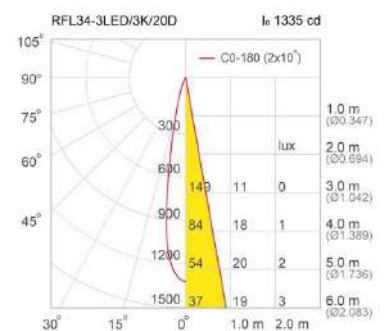
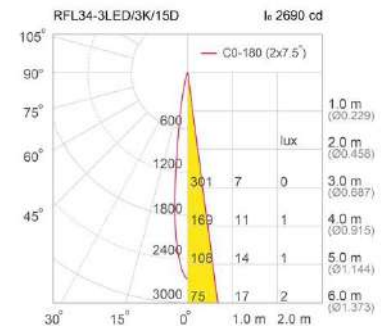
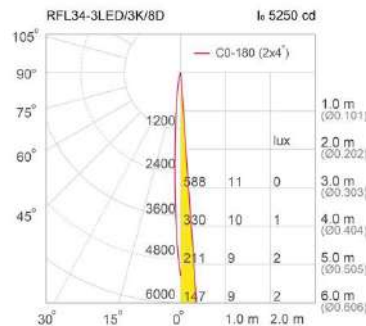
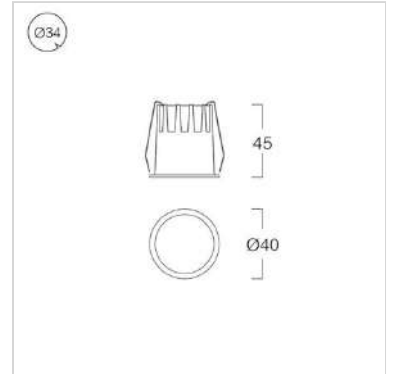
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

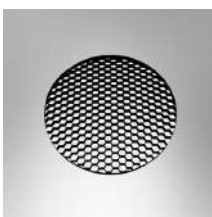
Housing	Die-cast aluminium
Description	3 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MI (front reflector mirror chrome)
Finishing	Powder coated in white / black
Reflector	Polycarbonate
Mounting	Recessed
Power	3W
Light Source	LED-Module
Colour Temperature	3000/4000K (2700/3500/6500K as optional)
CRI	>90/ >90
Luminaire Output	207 lm*
Beam Angle	8/15/20/36 Degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V
Power Supply	220-240VAC, 50Hz
Power Factor	>0.4
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Value at 20 Degree

Ordering Data

Model	Watt
RFL34/BR/WH-3LED	3W
RFL34/MI/WH-3LED	3W
RFL34/WR/WH-3LED	3W



Accessories



Honey comb

LED Recessed Downlight



RFL49D

Application

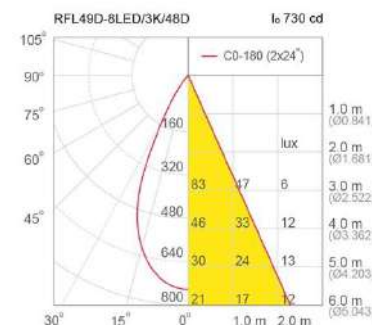
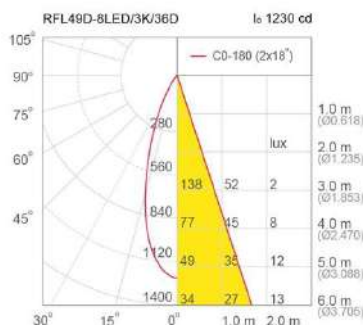
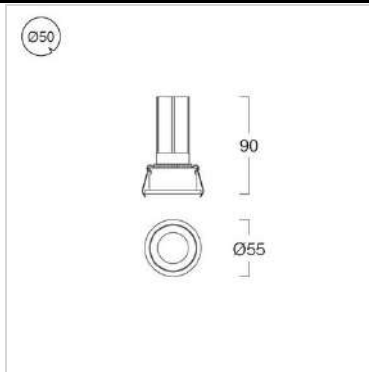
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	8W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K 2700/3500/6500/2700-6000K as optional
CRI	>90
LED Output	800/825/845 lm
Luminaire Output	610/629/645 lm*
Beam Angle	24/30/36/48 Degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Value at 36 Degree

Ordering Data

Model	Watt
RFL49D/WH-8LED	8W
RFL49D/BK-8LED	8W



Accessories



Honey comb

RAL49D

Application

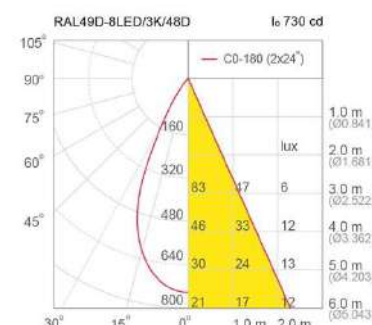
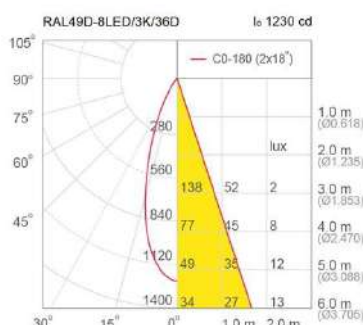
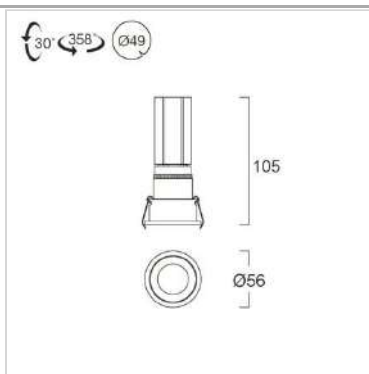
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	8W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K 2700/3500/6500/2700-6000K as optional
CRI	>90
LED Output	800/825/845 lm
Luminaire Output	610/629/645 lm*
Beam Angle	24/30/36/48 Degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Value at 36 Degree

Ordering Data

Model	Watt
RAL49D/BK-8LED	8W
RAL49D/WH-8LED	8W



Accessories



Honey comb

LED Recessed Downlight



Application

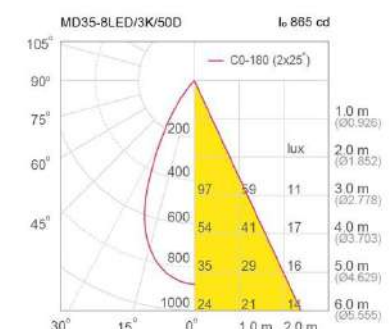
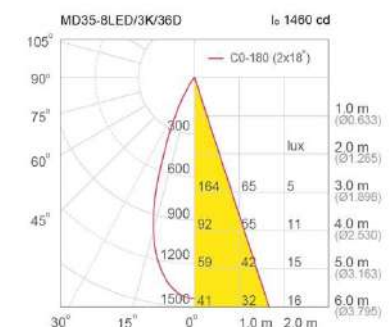
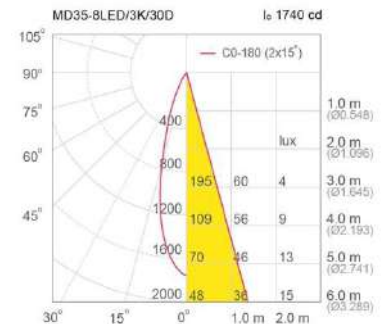
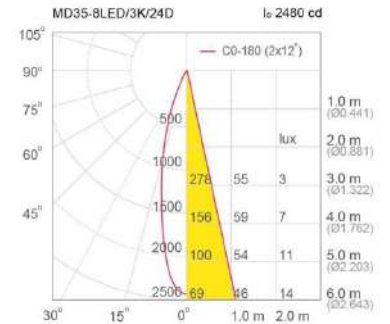
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	8W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K 2700/3500/6500/2700-6000K as optional
CRI	>90
LED Output	800/825/845 lm
Luminaire Output	610/629/645 lm*
Beam Angle	24/30/36/50 Degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RAL58/BK-8LED	8W
RAL58/WH-8LED	8W



LED Recessed Downlight



Application

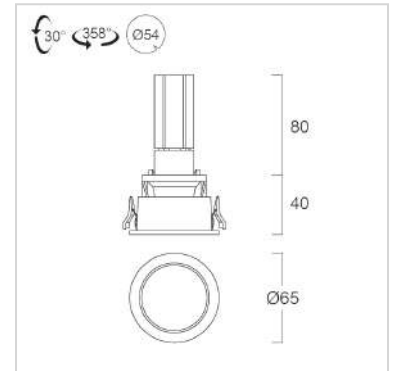
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

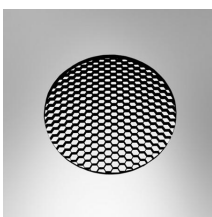
Housing	Die-cast aluminium
Description	4 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) Powder coated in white / black Polycarbonate
Finishing	Recessed
Reflector	8W
Mounting	LED COB
Power	3000/4000/5000K (2700/3500/2700-6000K as optional)
Light Source	>90/ >90/ >80
Colour Temperature	800/845/920 lm
CRI	429/454/493 lm*
LED Output	24/30/36/50 Degree
Luminaire Output	<19
Beam Angle	Separate Driver
UGR	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Control Gear	220-240VAC, 50Hz
Control	>0.9
Power Supply	II
Power Factor	20
Insulation Class	50,000 hrs.
IP Rating	*Value at 36 Degree
Luminaire Lifetime	
Remarks	

Ordering Data

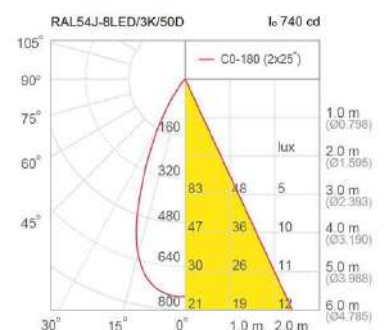
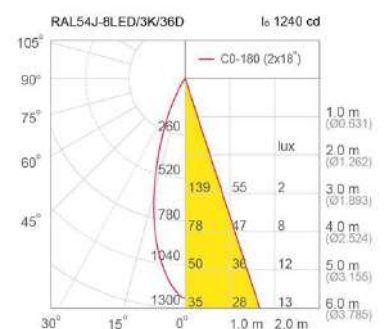
Model	Watt
RAL54J/BR/WH-8LED	8W
RAL54J/MB/WH-8LED	8W
RAL54J/MI/WH-8LED	8W
RAL54J/WR/WH-8LED	8W



Accessories



Honey comb



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.

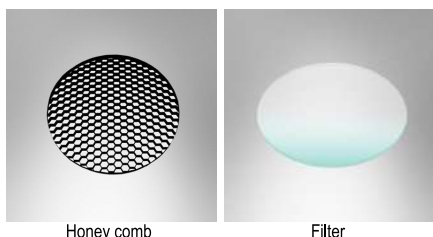
Specification

Housing	Die-cast aluminium
Description	4 different 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 / black Polycarbonate
Finishing	Recessed
Reflector	14/20W
Mounting	LED COB
Power	3000/4000/5000K (2700/3500/2700-6000K as optional)
Light Source	>90/ >90/ >80
Colour Temperature	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 lm
CRI	14W : 870/910/995 lm*
LED Output	20W : 1450/1580/1651 lm*
Luminaire Output	14W : 15/24/40/48 Degree 20W : 18/24/40/48 Degree
Beam Angle	<19
UGR	Separate Driver
Control Gear	DIM PHASE/0-10V/DALI-2
Control	/DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Value at 36 Degree

Ordering Data

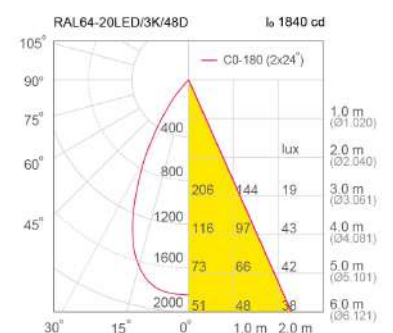
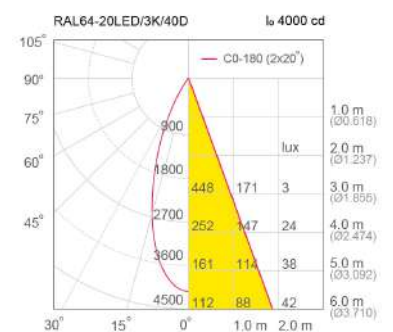
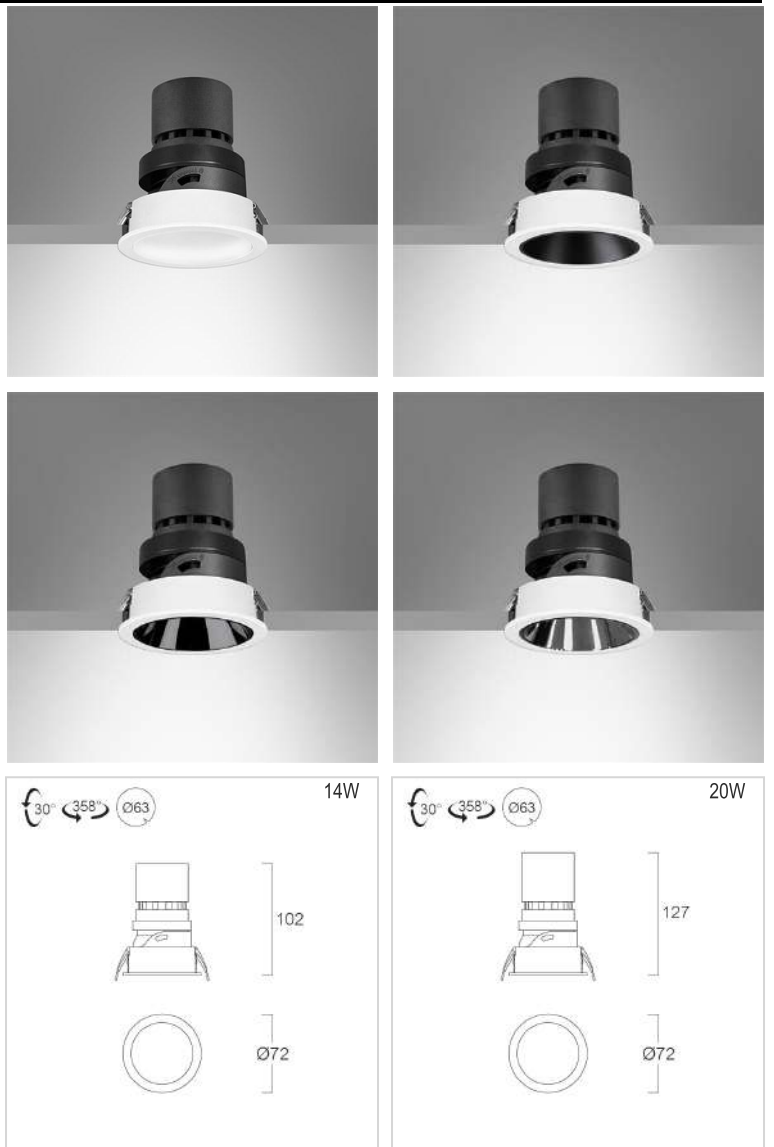
Model	Watt
RAL64/BR/WH-14LED	14W
RAL64/MB/WH-14LED	14W
RAL64/MI/WH-14LED	14W
RAL64/WR/WH-14LED	14W
RAL64/BR/WH-20LED	20W
RAL64/MB/WH-20LED	20W
RAL64/MI/WH-20LED	20W
RAL64/WR/WH-20LED	20W

Accessories



Honey comb

Filter



LED Recessed Downlight

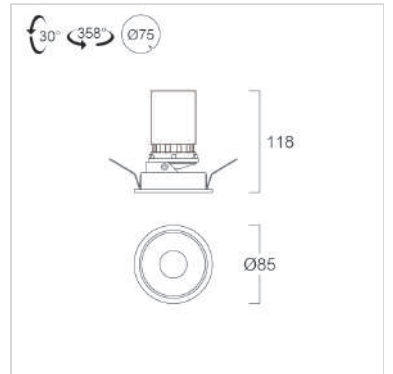
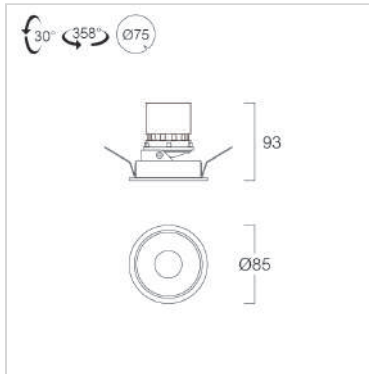


Application

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

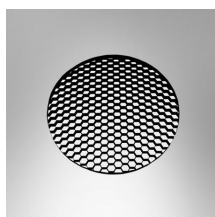
Housing	Die-cast aluminium
Description	8 different for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) WWM (front reflector wall wash mirror) WWB (front reflector wall wash black) PH (front reflector round hole) SL (front reflector oval hole)
Finishing	Powder coated in white / black
Reflector	Polycarbonate
Mounting	Recessed
Power	14/20W
Light Source	LED COB
Colour Temperature	3000/4000/5000K (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 lm
Luminaire Output	14W : 1044/1090/1189 lm* 20W : 1712/1745/1912 lm*
Beam Angle	14W : 15/24/36/60 Degree 20W : 20/24/36/55 Degree
UGR	<19
Control Gear	Separate Driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*14W : Value at 15 Degree *20W : Value at 36 Degree



Ordering Data

Model	Watt
RAL75J/BR/WH-14LED	14W
RAL75J/MB/WH-14LED	14W
RAL75J/MI/WH-14LED	14W
RAL75J/WR/WH-14LED	14W
RAL75J/WWM/WH-14LED	14W
RAL75J/BR/WH-20LED	20W
RAL75J/MB/WH-20LED	20W
RAL75J/MI/WH-20LED	20W
RAL75J/WR/WH-20LED	20W
RAL75J/WWM/WH-20LED	20W

Accessories



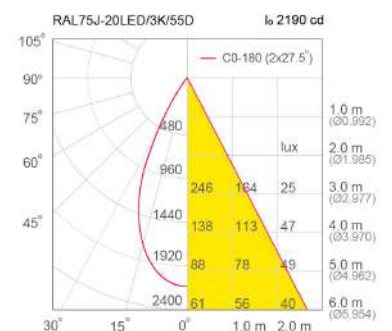
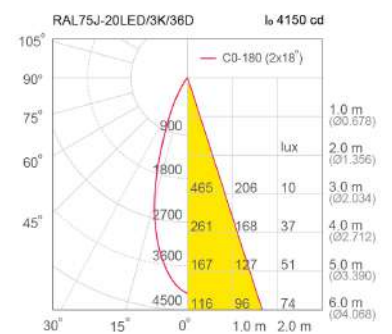
Honey Comb



Filter



Hood



LED Recessed Downlight



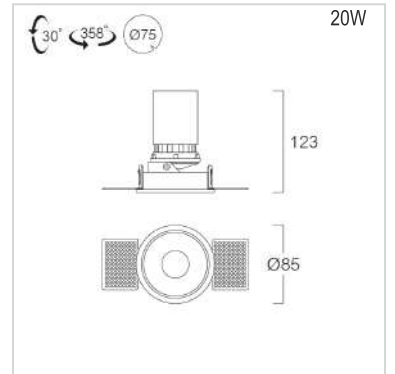
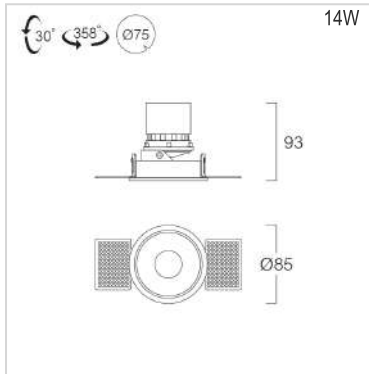
TIS RAL75J/T

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

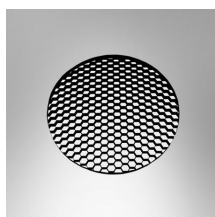
Housing	Die-cast aluminium
Description	8 different for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) WWM (front reflector wall wash mirror) WWB (front reflector wall wash black) PH (front reflector round hole) SL (front reflector oval hole)
Finishing	Powder coated in white / black
Reflector	Polycarbonate
Mounting	Recessed
Power	14/20W
Light Source	LED COB
Colour Temperature	3000/4000/5000K (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 lm
Luminaire Output	14W : 1044/1090/1189 lm* 20W : 1712/1745/1912 lm*
Beam Angle	14W : 15/24/36/60 Degree 20W : 20/24/36/55 Degree
UGR	<19
Control Gear	Separate Driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*14W : Value at 15 Degree *20W : Value at 36 Degree



Ordering Data

Model	Watt
RAL75J/T/BR/WH-14LED	14W
RAL75J/T/MB/WH-14LED	14W
RAL75J/T/MI/WH-14LED	14W
RAL75J/T/WR/WH-14LED	14W
RAL75J/T/WWM/WH-14LED	14W
RAL75J/T/BR/WH-20LED	20W
RAL75J/T/MB/WH-20LED	20W
RAL75J/T/MI/WH-20LED	20W
RAL75J/T/WR/WH-20LED	20W
RAL75J/T/WWM/WH-20LED	20W

Accessories



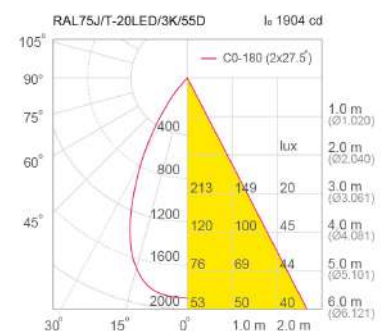
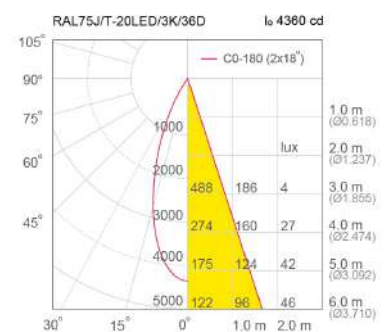
Honey comb



Filter



Hood



LED Recessed Downlight



TIS RFL83

Application

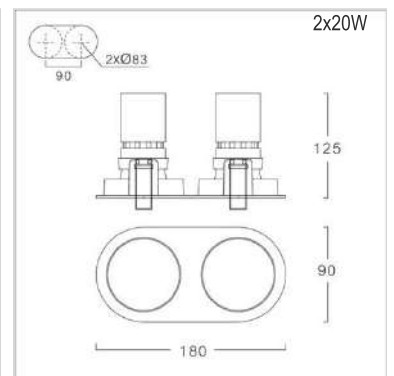
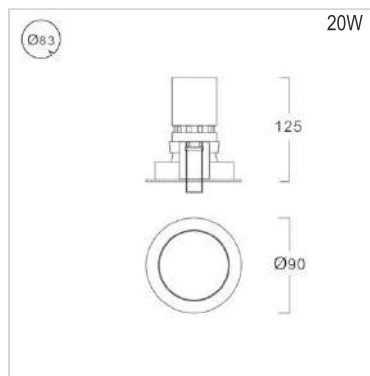
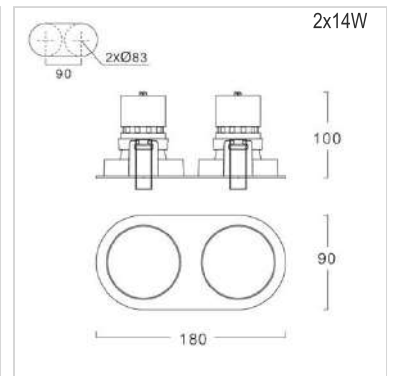
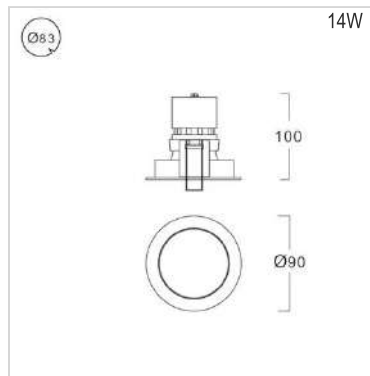
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

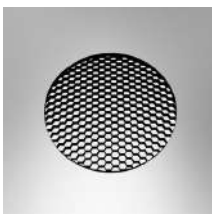
Housing	Die-cast aluminium
Description	4 different color matching are available for various applications WH : lamp head white , trim white BK : lamp head black , trim black WH/BK : lamp head white , trim black BK/WH : lamp head black , trim white Powder coated in white / black
Finishing	Recessed
Mounting	1 lamp : 14/20W 2 lamps : 28/40W
Power	LED-COB
Light Source	3000/4000/5000K (2700/3500/2700-6000K as optional)
Colour Temperature	>90/ >90/ >80
CRI	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 lm
LED Output	14W : 995/1040/1140 lm* 20W : 1700/1840/1985 lm*
Luminaire Output	14W : 15/24/36/60 Degree 20W : 18/24/36/60 Degree
Beam Angle	<19
UGR	Separate driver
Control Gear	DIM PHASE/0-10V/DALI-2
Control	/DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
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



Accessories



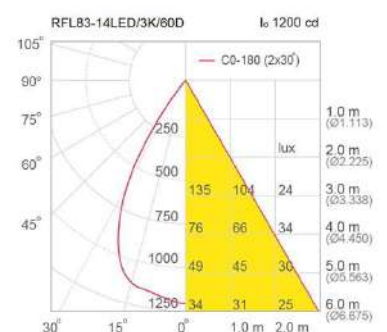
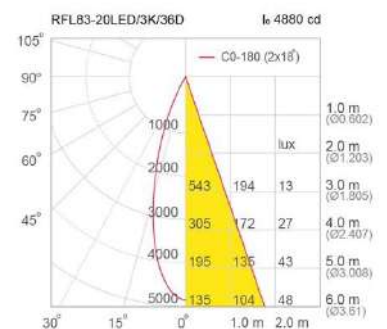
Honey comb



Filter



Anti glare



LED Recessed Downlight



Application

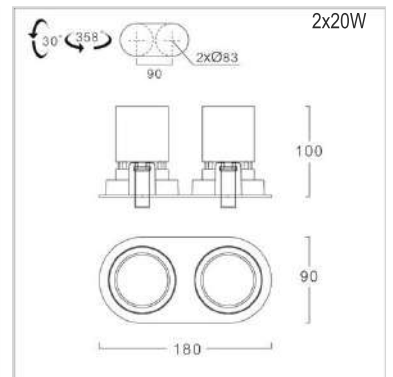
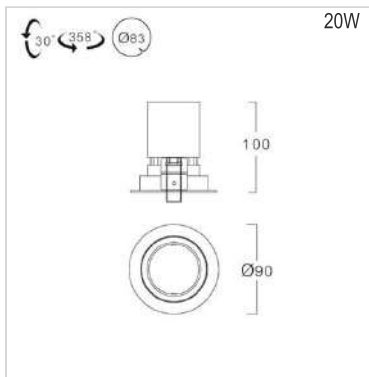
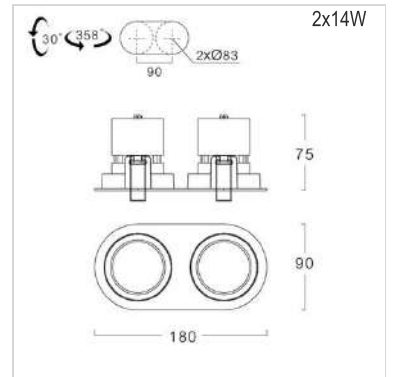
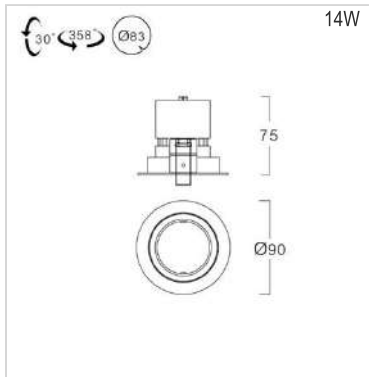
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

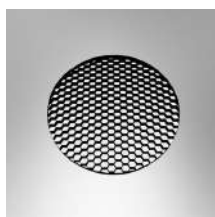
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	1 lamp : 14/20W 2 lamps : 28/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538
Luminaire Output	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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
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



Accessories



Honey comb



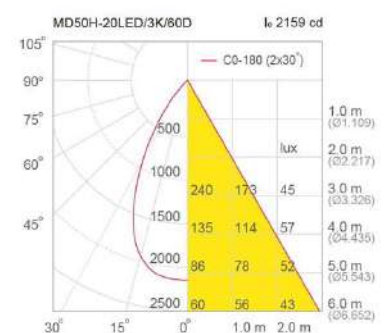
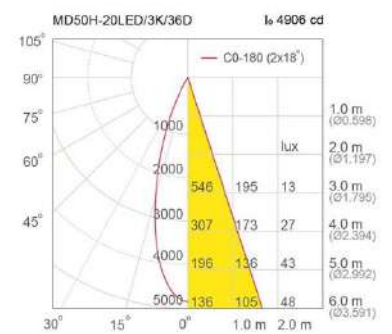
Filter



Anti glare



Hood



LED Recessed Downlight



TIS RAL83D

Application

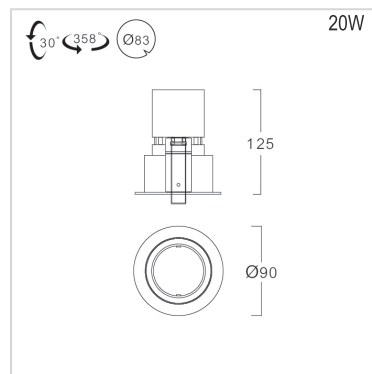
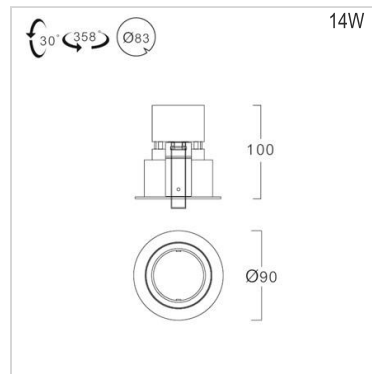
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

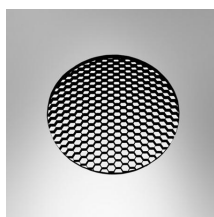
Housing	Die-cast aluminium
Description	3 different color matching are available for various applications WH : inner white , trim white BK : inner black , trim black BK/WH : inner black , trim white Powder coated in white / black
Finishing	Recessed
Mounting	14/20W
Power	LED-COB
Light Source	3000/4000/5000K (2700/3500/2700-6000K as optional)
Colour Temperature	>90/ >90/ >80
CRI	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 lm
LED Output	14W : 973/1022/1105 lm* 20W : 1685/1769/1910 lm*
Luminaire Output	14W : 15/24/36/60 Degree 20W : 18/24/36/60 Degree
Beam Angle	<19
UGR	Separate driver
Control Gear	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Control	220-240VAC, 50Hz
Power Supply	>0.9
Power Factor	II
Insulation Class	20
IP Rating	50,000 hrs.
Luminaire Lifetime	*Value at 15 Degree
Remarks	

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



Accessories



Honey comb



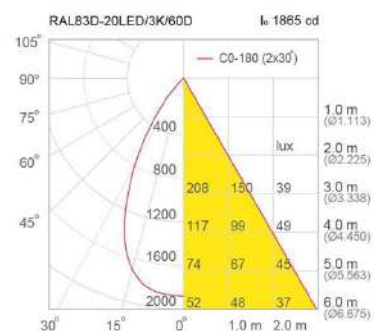
Filter



Anti glare



Hood



LED Recessed Downlight

ERDL100

Application

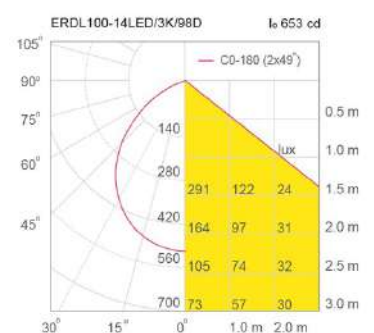
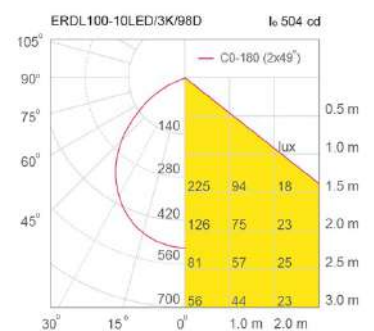
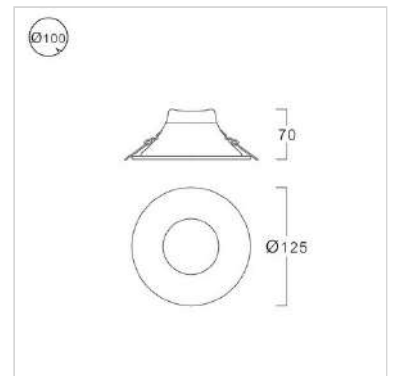
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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 (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	10W : 1120/1215/1290 lm 14W : 1540/1660/1805 lm
Luminaire Output	10W : 973/1051/1118 lm 14W : 1363/1472/1594 lm
Beam Angle	98 degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

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



LED Recessed Downlight



ERDL100S

Application

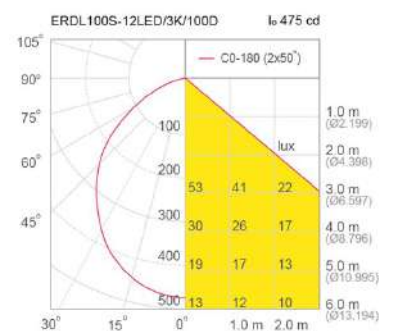
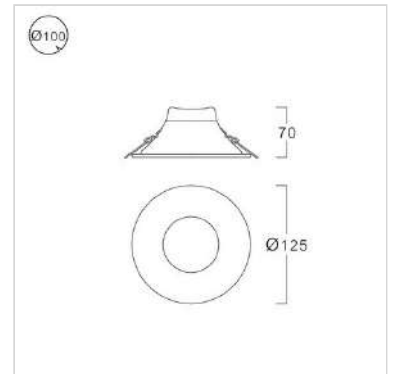
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	12W
Light Source	LED-MODULE
Colour Temperature	3000/3500/4000/6500K
CRI	>80
LED Output	1440/1440/1560/1560 lm
Luminaire Output	1067/1067/1155/1155 lm
Beam Angle	100 degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
ERDL100S/WH-12LED	12W



LED Recessed Downlight



ERDL150

Application

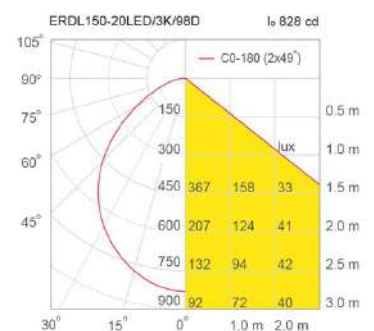
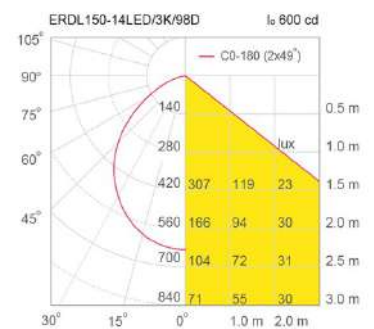
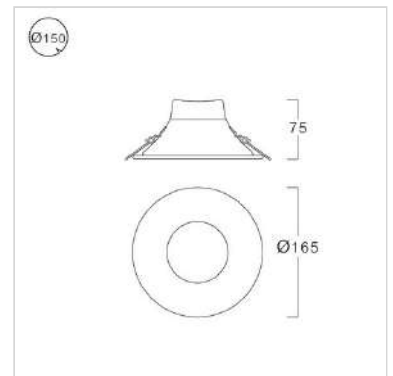
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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 (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm
Luminaire Output	14W : 1361/1470/1592 lm 20W : 1860/2008/2176 lm
Beam Angle	98 degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

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



LED Recessed Downlight



ERDL150S

Application

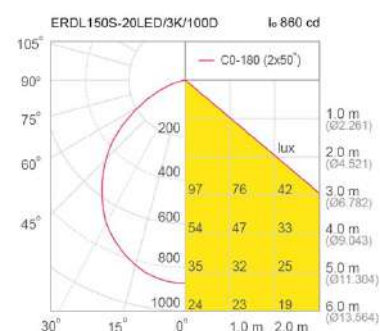
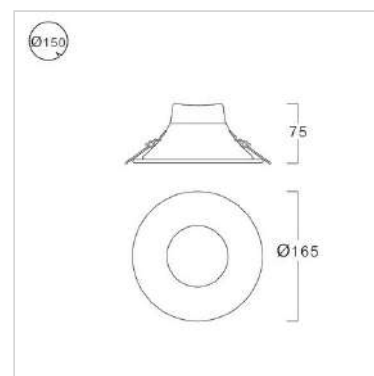
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	20W
Light Source	LED-MODULE
Colour Temperature	3000/3500/4000/6500K
CRI	>80
LED Output	2400/2400/2600/2600 lm
Luminaire Output	1948/1948/2110/2110 lm
Beam Angle	100 degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
ERDL150S/WH-20LED	20W



LED Recessed Downlight



ERDL200

Application

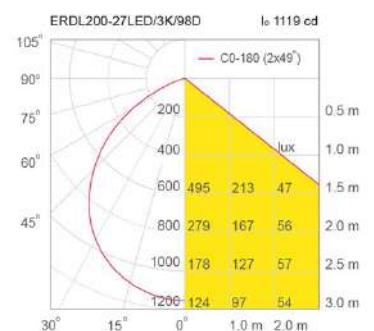
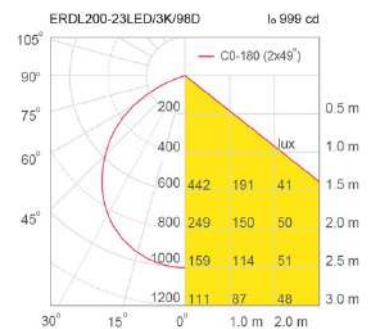
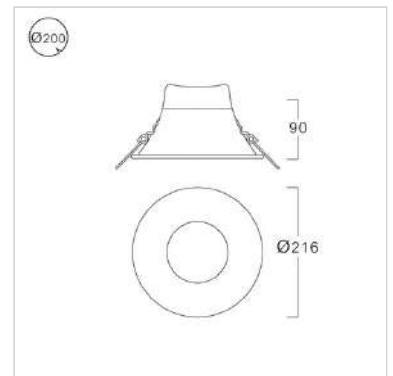
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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 (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

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



LED Recessed Downlight



ERDL200S

Application

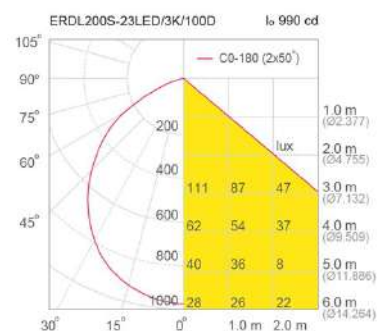
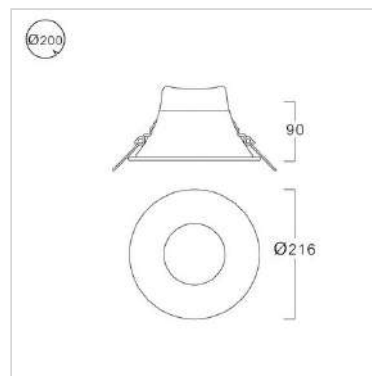
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	23W
Light Source	LED-MODULE
Colour Temperature	3000/3500/4000/6500K
CRI	>80
LED Output	2760/2760/2990/2990 lm
Luminaire Output	2159/2159/2338/2338 lm
Beam Angle	100 degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
ERDL200S/WH-23LED	23W



LED Recessed Downlight



ERDL250

Application

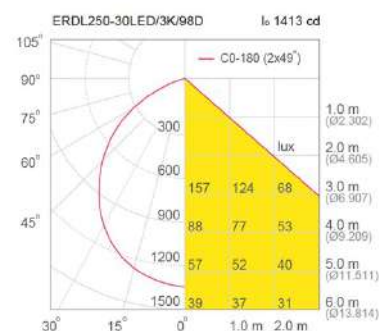
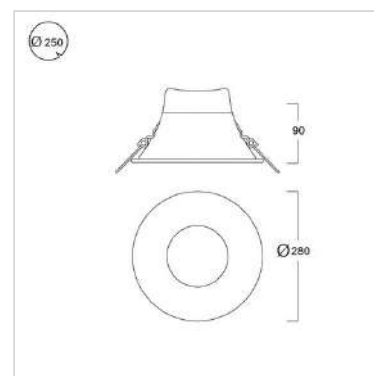
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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 (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	30W : 3500/3770/4015 lm
Luminaire Output	30W : 3000/3210/3434 lm
Beam Angle	98 degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
ERDL250/WH-30LED	30W



LED Recessed Downlight



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.

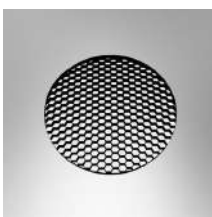
Specification

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 (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
UGR	<19
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Value at 24 Degree

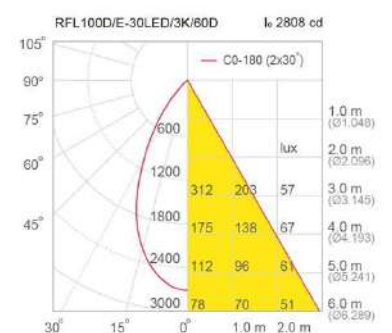
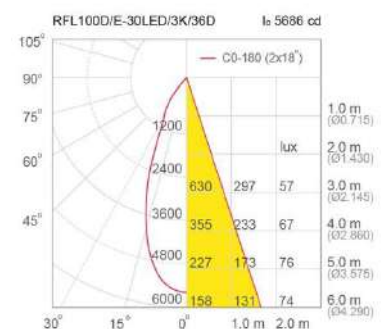
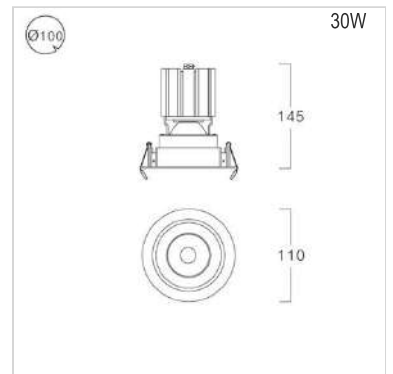
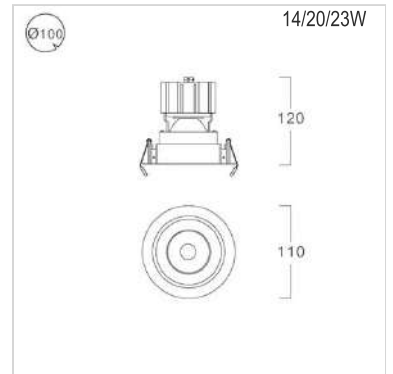
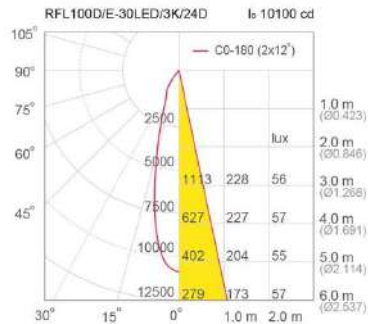
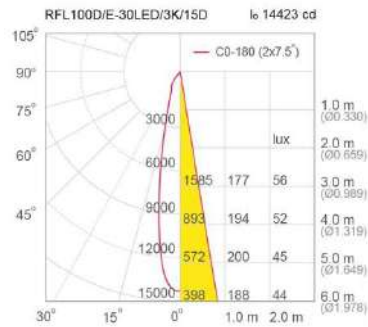
Ordering Data

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

Accessories



Honey comb



LED Recessed Downlight



RFL125D/E

Application

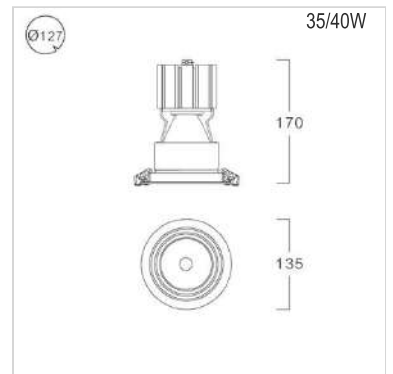
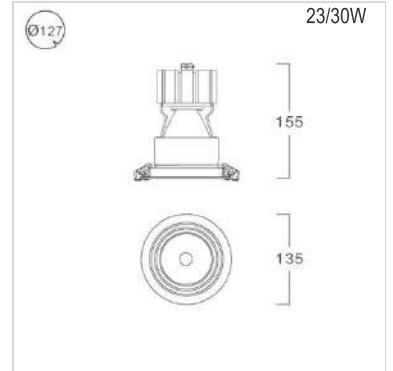
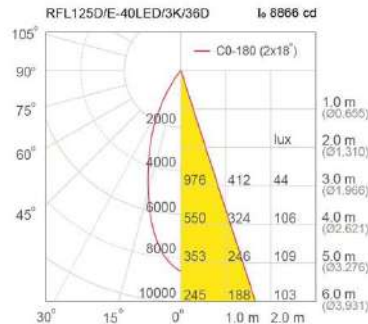
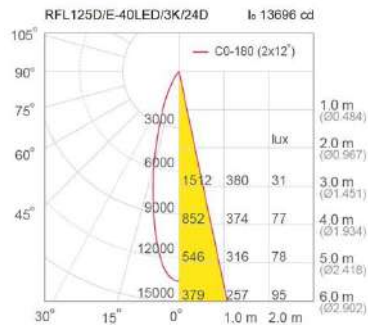
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

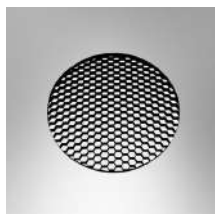
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Diffuser	Clear glass
Mounting	Recessed
Power	23/30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	23W : 2635/2845/3090 lm 30W : 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Value at 24 Degree

Ordering Data

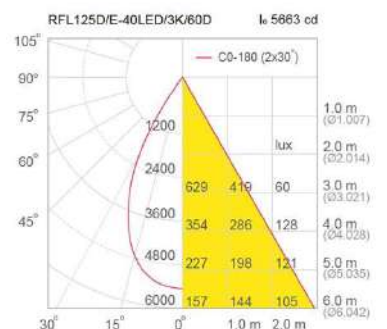
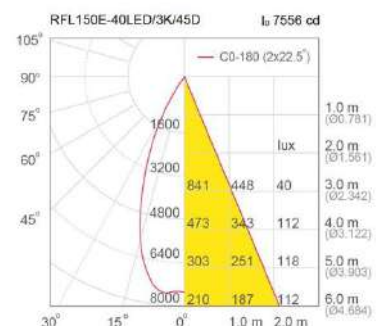
Model	Watt
RFL125D/E/WH-23LED	23W
RFL125D/E/WH-30LED	30W
RFL125D/E/WH-35LED	35W
RFL125D/E/WH-40LED	40W



Accessories



Honey comb



LED Recessed Downlight



Application

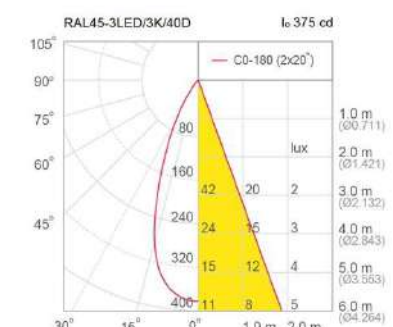
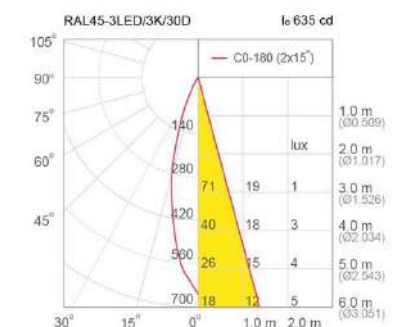
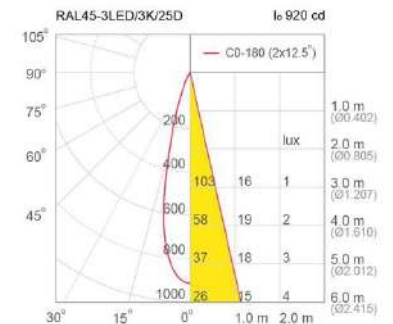
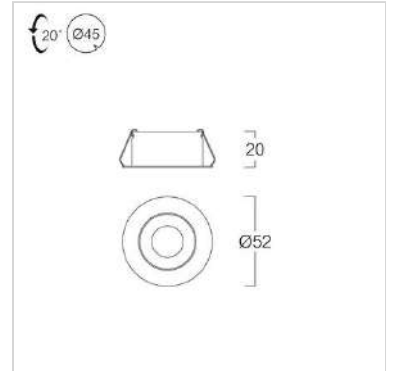
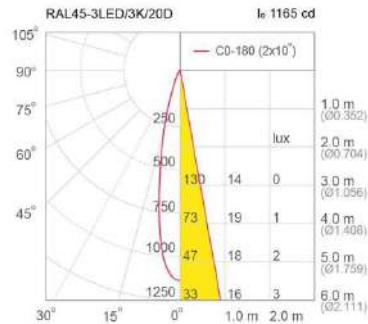
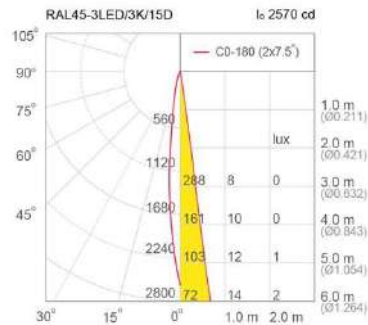
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	3W
Light Source	LED-Module
Colour Temperature	2700/3000/4000/6000K
CRI	>90
Luminaire Output	203 lm*
Beam Angle	15/20/25/30/40 Degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2
Power Supply	220-240VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Value at 25 Degree

Ordering Data

Model	Watt
RAL45/BK-3LED	3W
RAL45/WH-3LED	3W



LED Recessed Downlight



TIS RAL45D

Application

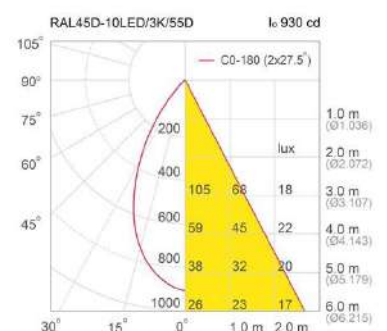
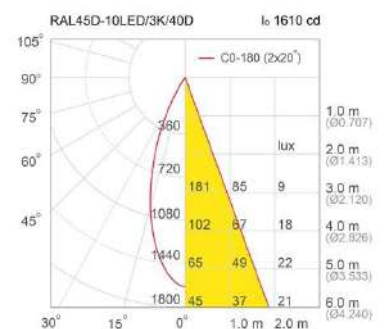
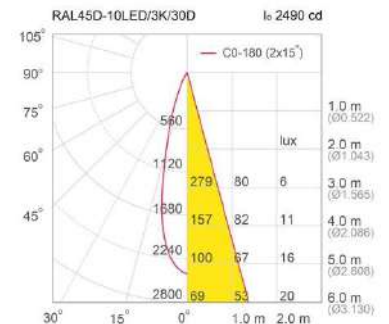
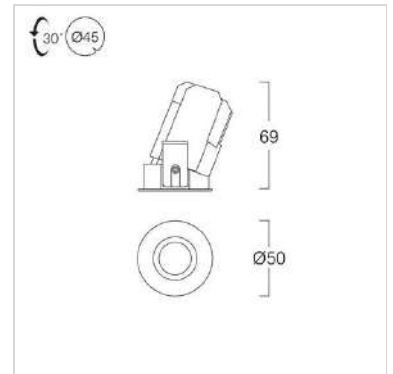
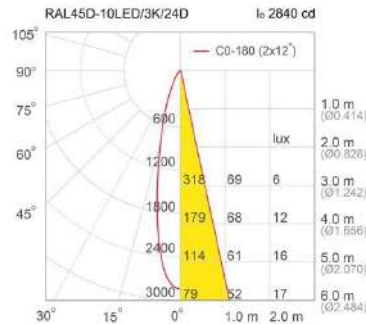
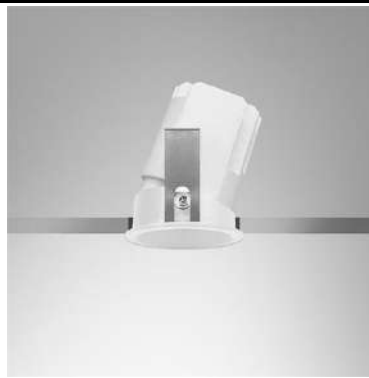
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

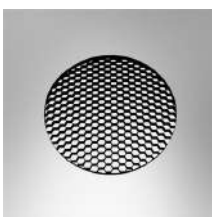
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	6/10W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500K as optional)
CRI	>90/ >90/ >80
LED Output	6W : 660/695/757 lm 10W : 1100/1159/1261 lm
Luminaire Output	6W : 443/462/508 lm* 10W : 812/855/930*
Beam Angle	24/30/40/55 Degree
UGR	<19
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Value at 30 Degree

Ordering Data

Model	Watt
RAL45D/BK-6LED	6W
RAL45D/WH-6LED	6W
RAL45D/BK-10LED	10W
RAL45D/WH-10LED	10W



Accessories



Honey comb

LED Recessed Downlight



TIS RAL40K

Application

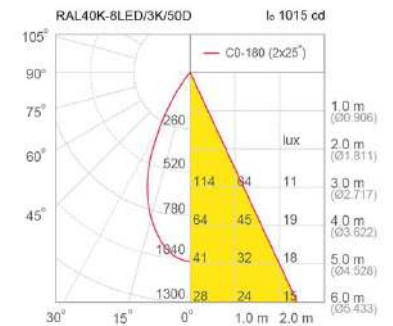
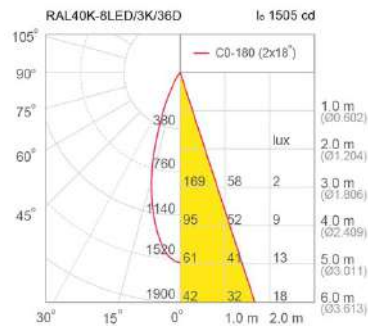
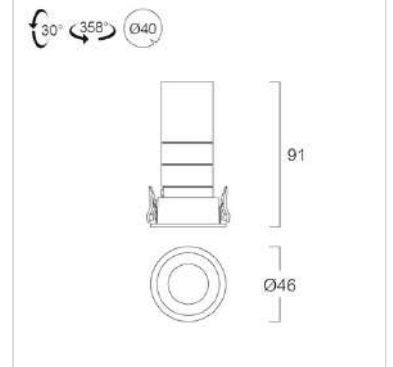
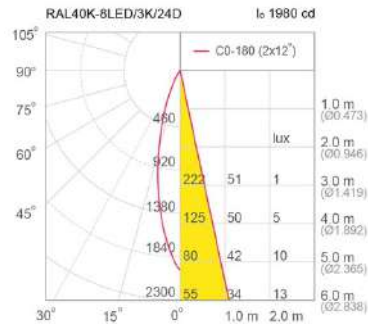
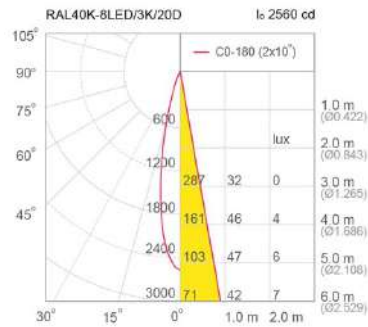
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

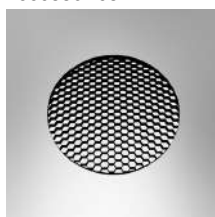
Housing	Die-cast aluminium
Description	Primary reflector : High quality lens 4 different secondary reflectors are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) Powder coated in white
Finishing	Recessed
Mounting	8W
Power	LED COB
Light Source	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
Colour Temperature	>90/ >90/ >80
CRI	992/1071/1160 lm
LED Output	608/650/696 lm *
Luminaire Output	20/24/36/50 degree
Beam Angle	<19
UGR	Separate Driver
Control Gear	DIM PHASE/0-10V/DALI-2
Control	/DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	* Value at 50 Degree IP44 is available as option

Ordering Data

Model	Watt
RAL40K/MI/WH-8LED	8W



Accessories



Honey comb

LED Recessed Downlight



TIS RAL56K

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)
Finishing Powder coated in white

Mounting

Power Recessed

Light Source LED COB

Colour Temperature 3000/4000/5000K
 (2700/3500/6500/2700-6000K as optional)

CRI >90/ >90/ >80

LED Output 12W : 1235/1300/1320 lm

14W : 1440/1520/1540 lm

Luminaire Output 12W : 913/977/1046 lm *

14W : 1066/1140/1220 lm *

Beam Angle 20/24/34/45 degree

UGR <19

Control Gear Separate Driver

Control DIM PHASE/0-10V/DALI-2

/DALI-2 DT8 (optional)

Power Supply 220-240VAC, 50Hz

Power Factor >0.9

Insulation Class II

IP Rating 20

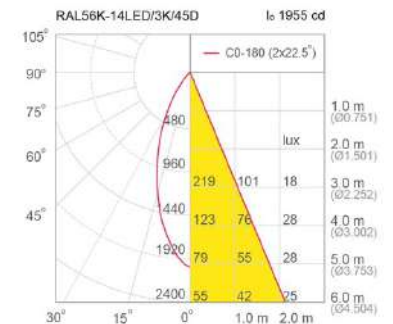
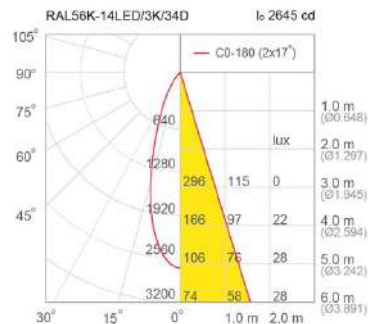
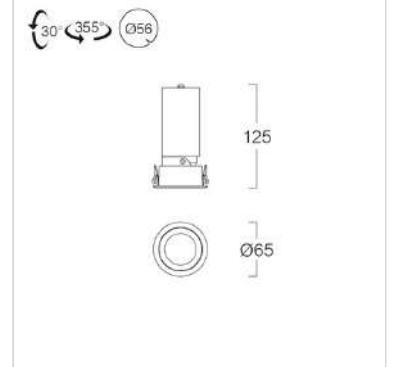
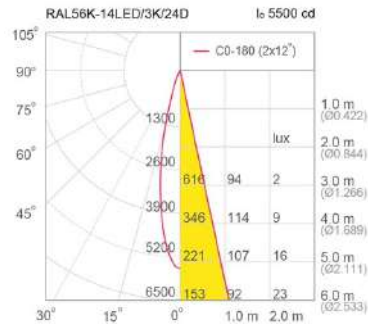
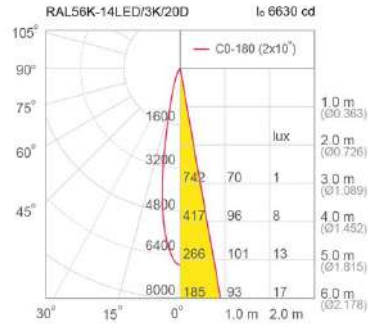
Luminaire Lifetime 50,000 hrs

Remarks * Value at 24 Degree

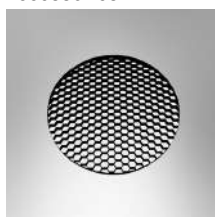
IP44 is available as option

Ordering Data

Model	Watt
RAL56K/MI/WH-12LED	12W
RAL56K/MI/WH-14LED	14W



Accessories



Honey comb

LED Recessed Downlight



TIS RAL70K

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)
Finishing Powder coated in white

Mounting

Power Recessed
Light Source 14/20W LED COB
Colour Temperature 3000/4000/5000K
 (2700/3500/6500/2700-6000K as optional)

CRI

>90/ >90/ >80

LED Output

14W : 1610/1620/1710 lm
 20W : 2210/2215/2340 lm

Luminaire Output

14W : 1235/1321/1413 lm *
 20W : 1764/1887/2019 lm *

Beam Angle

20/26/40/50 degree

UGR

<19

Control Gear

Separate Driver

DIM PHASE/0-10V/DALI-2

/DALI-2 DT8 (optional)

Power Supply 220-240VAC, 50Hz

Power Factor >0.9

Insulation Class II

IP Rating 20

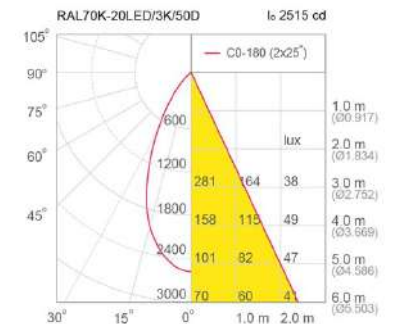
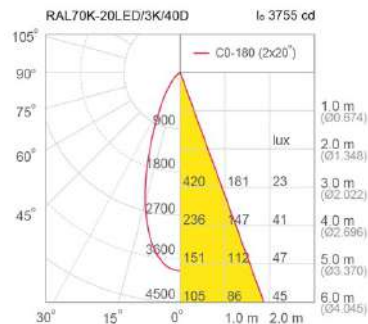
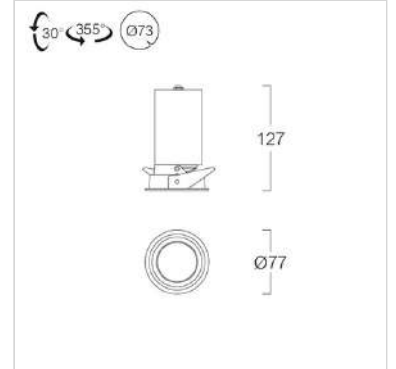
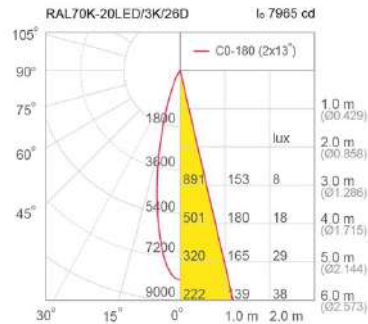
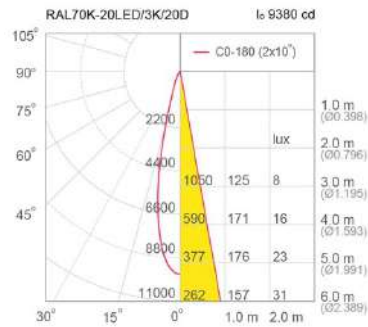
Luminaire Lifetime 50,000 hrs

Remarks * Value at 50 Degree

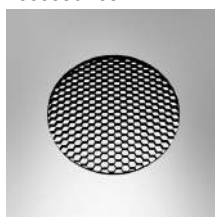
IP44 is available as option

Ordering Data

Model	Watt
RAL70K/MI/WH-14LED	14W
RAL70K/MI/WH-20LED	20W



Accessories



Honey comb

LED Recessed Downlight



TIS RAL76K

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)
Finishing Powder coated in white

Mounting

Power Recessed

Light Source 14/20W LED COB

Colour Temperature 3000/4000/5000K
 (2700/3500/6500/2700-6000K as optional)

CRI >90/ >90/ >80

LED Output 14W : 1610/1620/1710 lm

20W : 2210/2215/2340 lm

Luminaire Output 14W : 1235/1321/1413 lm *

20W : 1764/1887/2019 lm *

20/26/40/50 degree

Beam Angle <19

UGR Separate Driver

Control Gear DIM PHASE/0-10V/DALI-2

Control /DALI-2 DT8 (optional)

Power Supply 220-240VAC, 50Hz

Power Factor >0.9

Insulation Class II

IP Rating 20

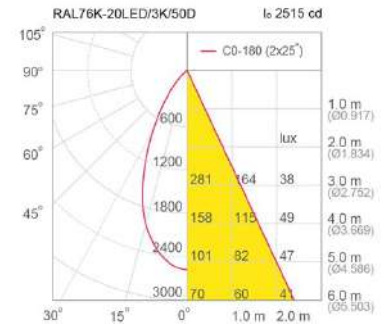
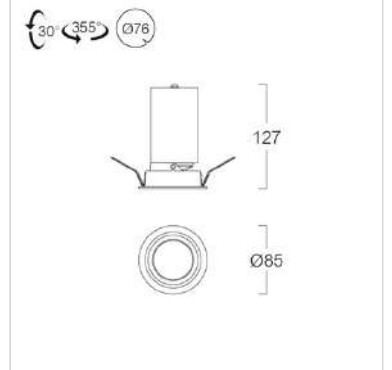
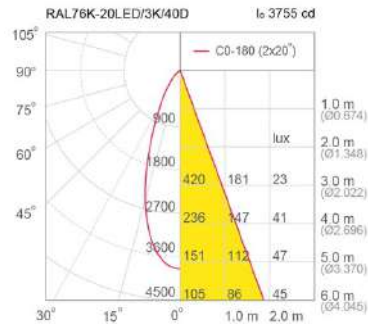
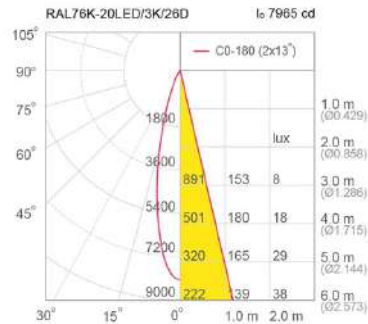
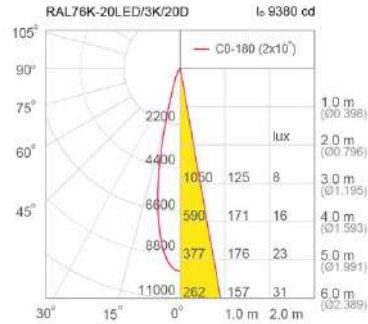
Luminaire Lifetime 50,000 hrs

Remarks * Value at 50 Degree

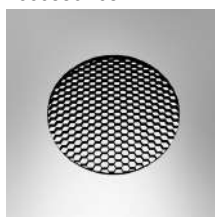
IP44 is available as option

Ordering Data

Model	Watt
RAL76K/MI/WH-14LED	14W
RAL76K/MI/WH-20LED	20W



Accessories



Honey comb

LED Recessed Downlight



Application

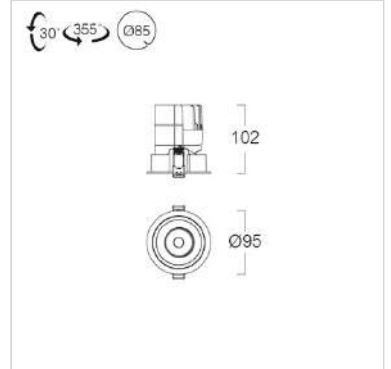
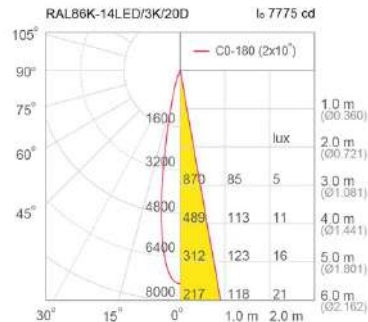
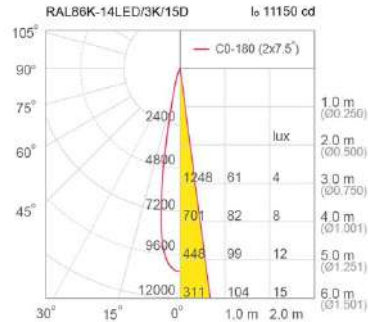
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

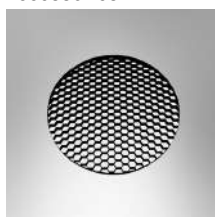
Housing	Die-cast aluminium
Description	Primary reflector : Vacuum aluminum plating PC/ High quality lens 4 different secondary reflectors are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) Powder coated in white
Finishing	Recessed
Mounting	14/20/23W
Power	LED COB
Light Source	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
Colour Temperature	>90/ >90/ >80
CRI	14W : 1540/1540/1660 lm 20W : 2200/2200/2370 lm 23W : 2635/2635/2845 lm
LED Output	14W : 1330/1330/1420 lm * 20W : 1850/1850/1975 lm * 23W : 2160/2160/2310 lm *
Luminaire Output	14W : 15/20/26/30/40/55 Degree 20/23W : 26/30/40/55 Degree
Beam Angle	<19
UGR	Separate Driver
Control Gear	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Control	220-240VAC, 50Hz
Power Supply	>0.9
Power Factor	II
Insulation Class	20
IP Rating	50,000 hrs
Luminaire Lifetime	* Value at 40 degree IP44 is available as option
Remarks	

Ordering Data

Model	Watt
RAL86K/MI/WH-14LED	14W
RAL86K/MI/WH-20LED	20W
RAL86K/MI/WH-23LED	23W



Accessories



Honey comb

LED Recessed Downlight



TIS RAL102K

Application

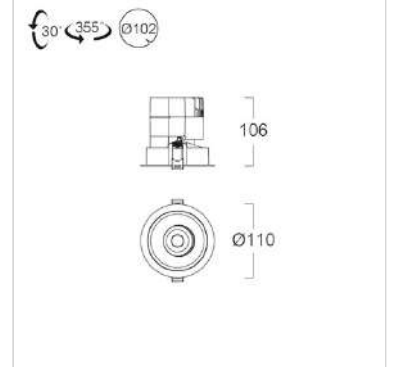
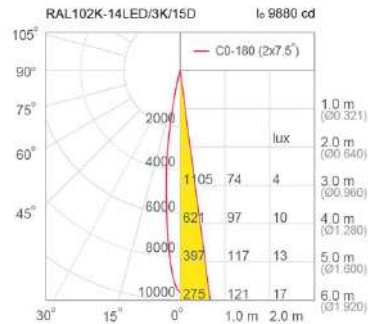
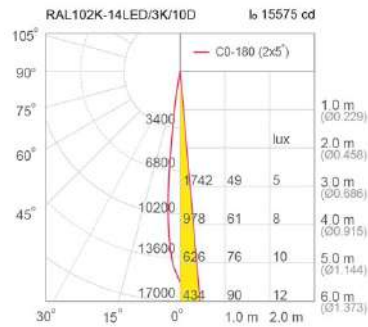
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

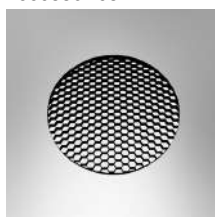
Housing	Die-cast aluminum
Description	Primary reflector : Vacuum aluminum plating PC/ High quality lens 4 different secondary reflectors are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) Powder coated in white
Mounting	Recessed
Power	14/20/23/27W
Light Source	LED COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1540/1540/1660 lm 20W : 2220/2200/2370 lm 23W : 2635/2635/2845 lm 27W : 3093/3093/3340 lm
Luminaire Output	14W : 1425/1425/1520 lm * 20W : 2015/2015/2155 lm * 23W : 2360/2360/2525 lm * 27W : 2630/2630/2810 lm *
Beam Angle	14W : 10/15/26/32/45/55 Degree 20/23/27W : 26/32/45/55 Degree
UGR	<19
Control Gear	Separate Driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	* Value at 45 degree IP44 is available as option

Ordering Data

Model	Watt
RAL102K/MI/WH-14LED	14W
RAL102K/MI/WH-20LED	20W
RAL102K/MI/WH-23LED	23W
RAL102K/MI/WH-27LED	27W



Accessories



Honey comb

LED Recessed Downlight

TIS RAL176K

Application

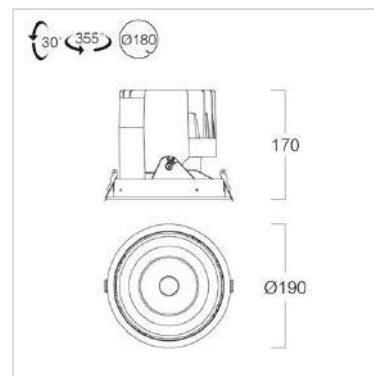
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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)
Finishing	Powder coated in white
Mounting	Recessed
Power	44/54/65W
Light Source	LED COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	44W : 4952/4952/5298 lm 54W : 6078/6078/6184 lm 65W : 7316/7316/7828 lm
Luminaire Output	44W : 4974/4974/5322 lm* 54W : 5458/5458/5840 lm* 65W : 6345/6345/6789 lm*
Beam Angle	20/32/40/65 Degree
UGR	<19
Control Gear	Separate Driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	* Value at 40 degree IP44 is available as option

Ordering Data

Model	Watt
RAL176K/MI/WH-44LED	44W
RAL176K/MI/WH-54LED	54W
RAL176K/MI/WH-65LED	65W



Accessories



Honey comb

LED Recessed Downlight



RAL56K/T

Application

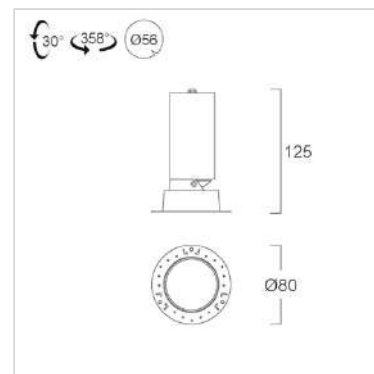
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

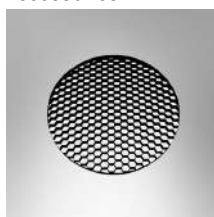
Housing	Die-cast aluminium trimless
Description	Primary reflector : High quality lens 4 different secondary reflectors are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	12/14W
Light Source	LED COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	12W : 1235/1300/1320 lm 14W : 1440/1520/1540 lm
Luminaire Output	12W : 913/977/1046 lm * 14W : 1066/1140/1220 lm *
Beam Angle	20/24/34/45 degree
UGR	<19
Control Gear	Separate Driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	* Value at 24 Degree IP44 is available as option

Ordering Data

Model	Watt
RAL56K/T/MI/WH-12LED	12W
RAL56K/T/MI/WH-14LED	14W



Accessories



Honey comb

LED Recessed Downlight



RAL76K/T

Application

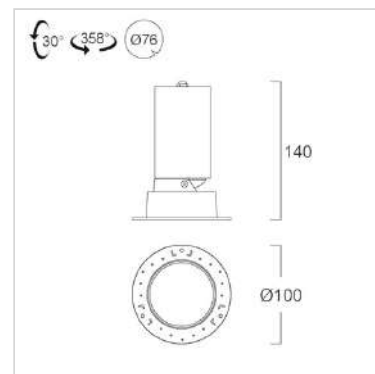
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

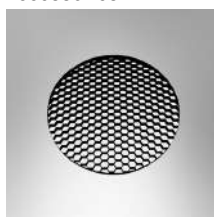
Housing	Die-cast aluminium trimless
Description	Primary reflector : High quality lens 4 different secondary reflectors are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	14/20W
Light Source	LED COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1610/1620/1710 lm 20W : 2210/2215/2340 lm
Luminaire Output	14W : 1235/1321/1413 lm * 20W : 1764/1887/2019 lm *
Beam Angle	20/26/40/50 degree
UGR	<19
Control Gear	Separate Driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	* Value at 50 Degree IP44 is available as option

Ordering Data

Model	Watt
RAL76K/T/MI/WH-14LED	14W
RAL76K/T/MI/WH-20LED	20W



Accessories



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.

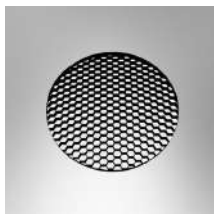
Specification

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 (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
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

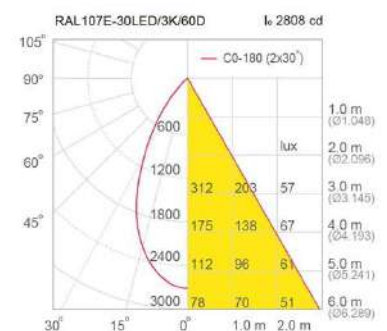
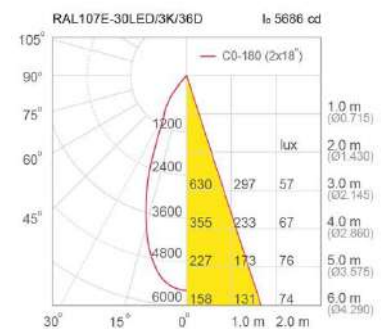
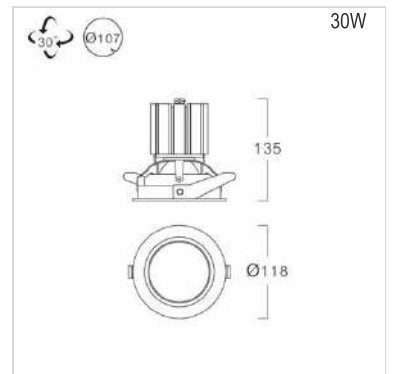
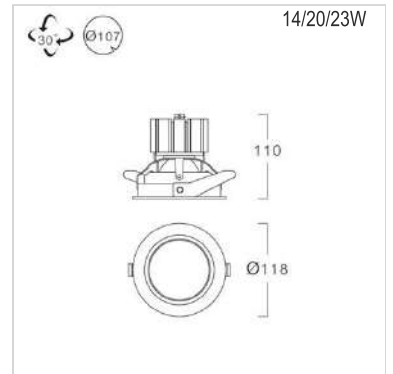
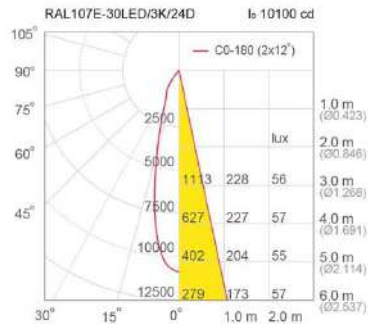
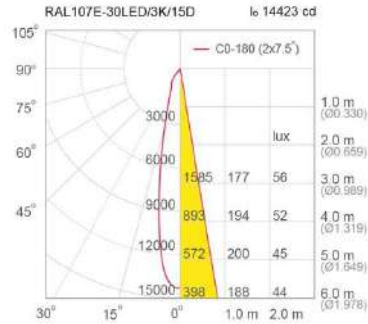
Accessories



Honey comb



Hood



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.

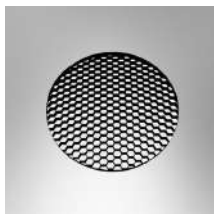
Specification

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 (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
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

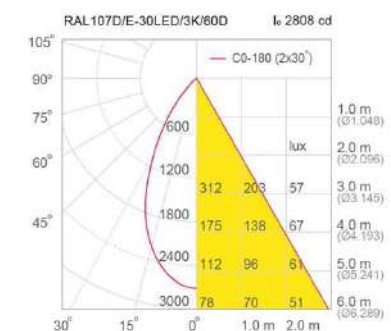
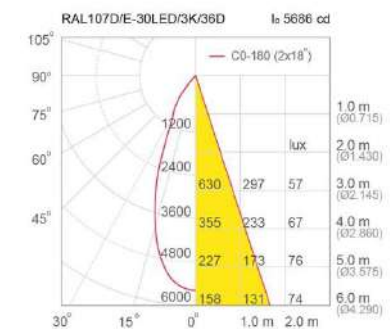
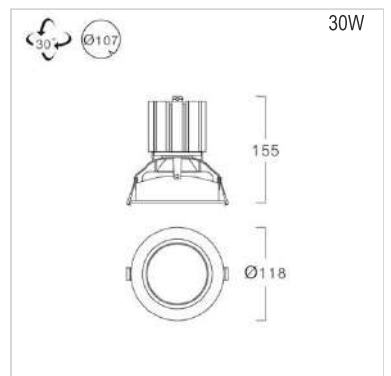
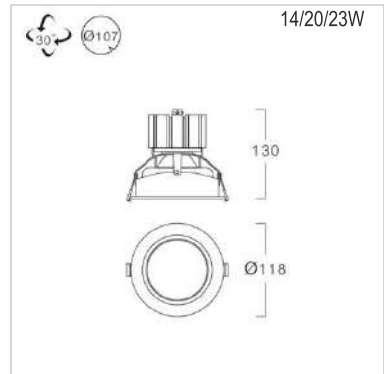
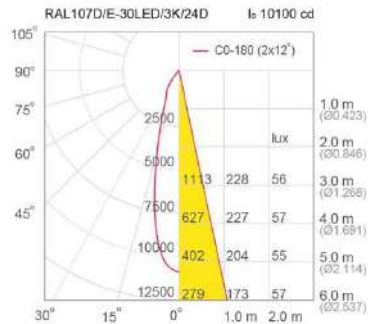
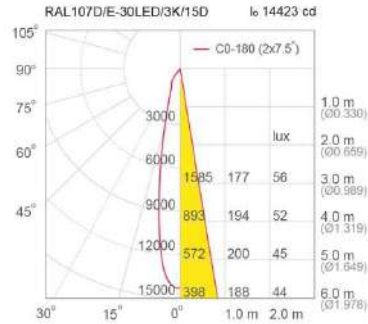
Accessories



Honey comb



Hood



LED Recessed Downlight



TIS RAL127E

Application

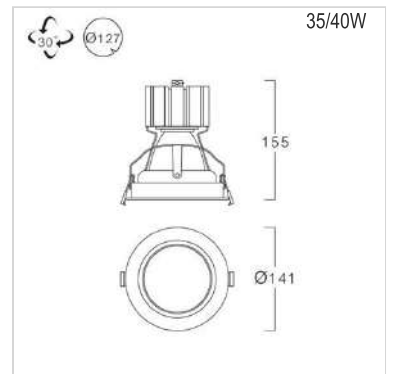
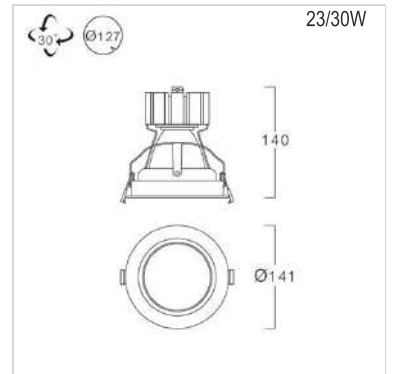
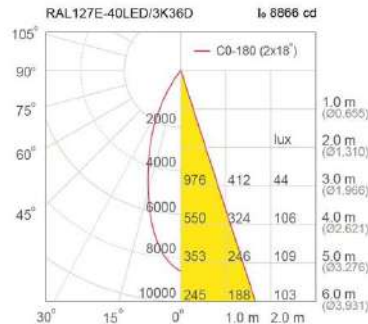
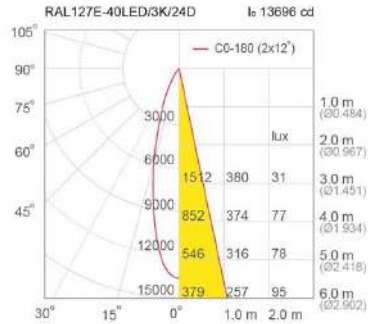
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

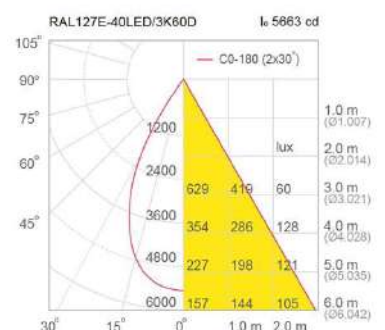
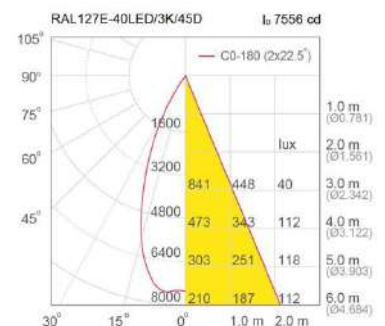
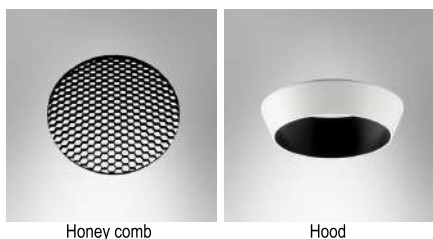
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Reflector	Anodized aluminium
Mounting	Recessed
Power	23/30/35/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
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



Accessories



LED Recessed Downlight



TIS RAL127D/E

Application

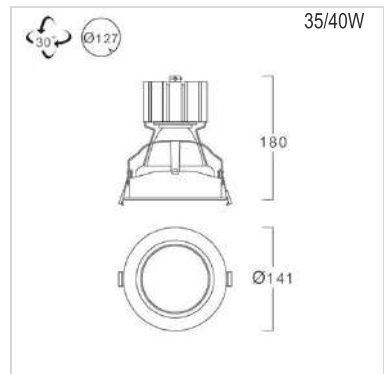
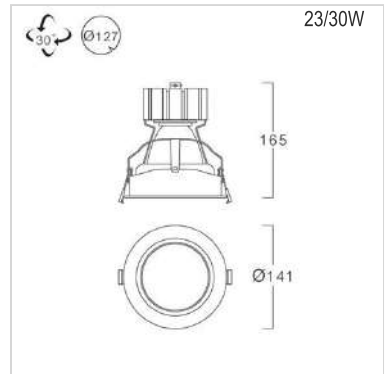
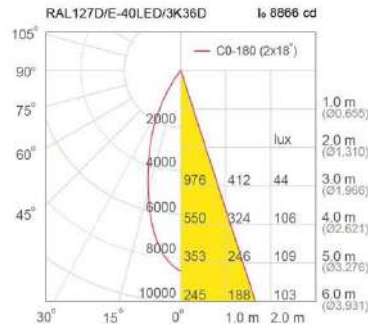
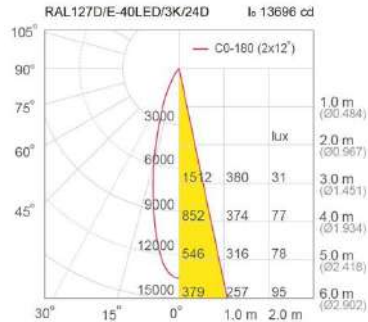
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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 (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
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

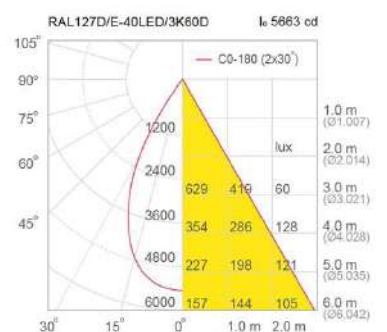
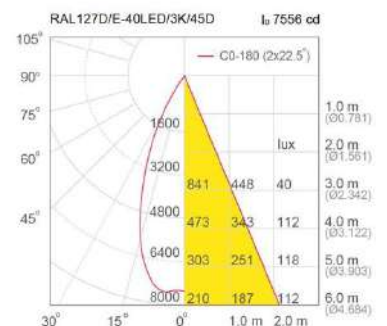


Accessories



Honey comb

Hood



LED Recessed Downlight



RWL76

Application

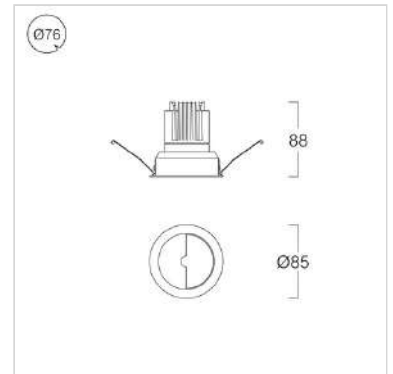
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Polyester powder coated
Lens	Wall washer lens
Mounting	Recessed
Power	12W
Light Source	LED COB
Colour Temperature	3000/4000/6500K
CRI	>80
Luminaire Output	665 lm
Control Gear	Separated driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.90
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
RWL76/WH-12LED	12W



RWL100

Application

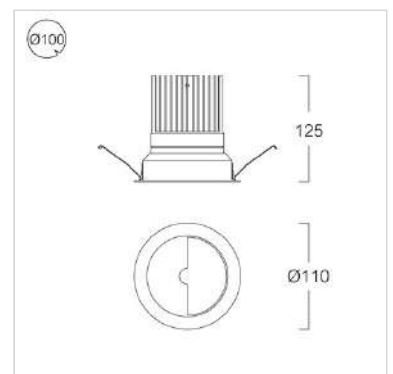
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Polyester powder coated
Lens	Wall washer lens
Mounting	Recessed
Power	20/27W
Light Source	LED COB
Colour Temperature	3000/4000/6500K
CRI	>80
Luminaire Output	20W : 1296 lm 27W : 1750 lm
Control Gear	Separated driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.90
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
RWL100/WH-20LED	20W
RWL100/WH-27LED	27W



LED Recessed Square Downlight



RSAP58

Application

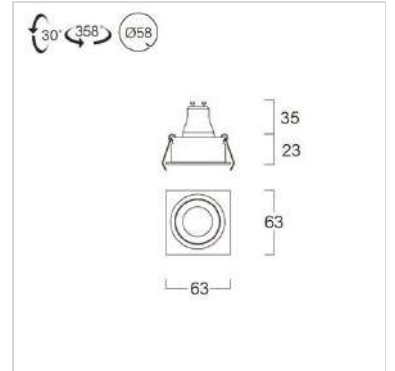
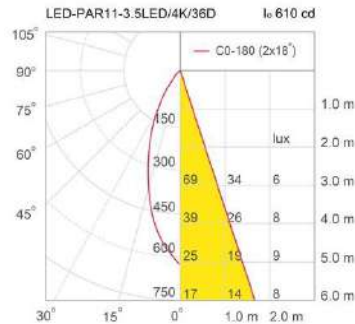
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	3-4W
Light Source	LED-PAR11
Lamp Holder	GU10
Colour Temperature	3000/4000K
CRI	>80
Lamp Output	300 lm
Power Supply	220-240VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Lamp Lifetime	15,000 hrs.

Ordering Data

Model	Watt
RSAP58/BK-XXLED-PAR11	3-4W
RSAP58/WH-XXLED-PAR11	3-4W



RSAP81D

Application

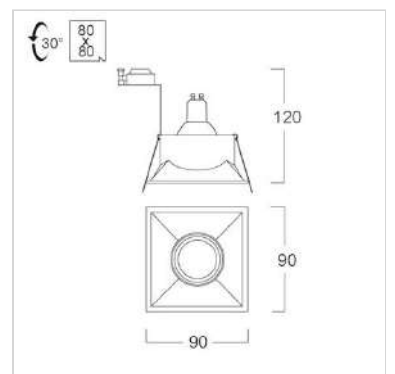
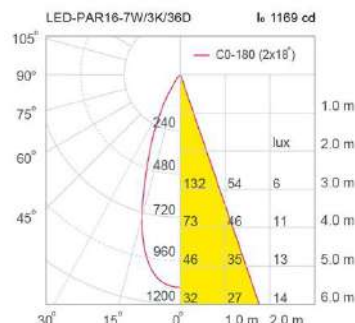
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700/3000/4000K
CRI	>80
Lamp Output	6.5W : 2700/3000/4000K : >580 lm 7W : 3000/4000K : 670 lm
Power Supply	6.5W : 220-240VAC, 50Hz 7W : 220VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	20
LED Lifetime	6.5W : 50,000 hrs. 7W : 15,000 hrs.

Ordering Data

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



LED Recessed Square Downlight



MRDC125T

Application

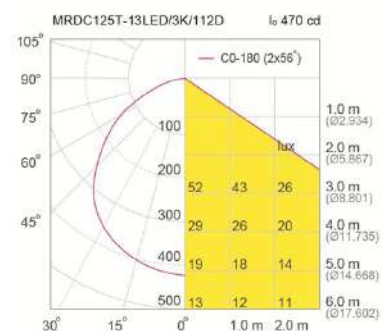
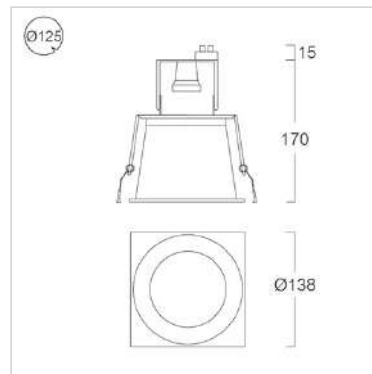
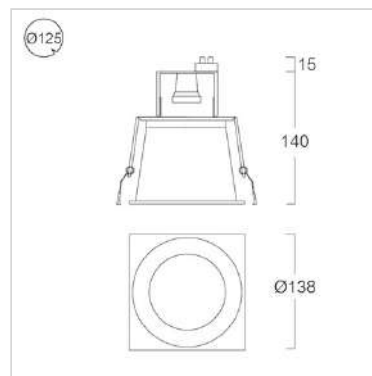
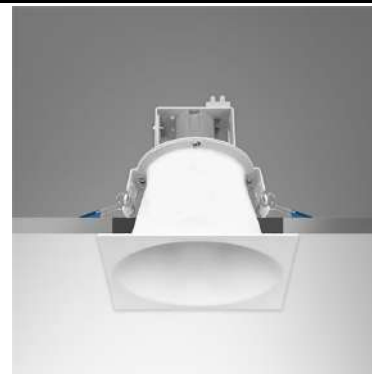
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted aluminium front trim/ metal frame
Finishing	Powder coated in white
Mounting	Recessed
Power	7/9/11/13W
Light Source	LED-BULB
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	7W : 630/690 lm 9W : 810/850 lm 11W : 1050/1050 lm 13W : 1350/1350 lm
Beam Angle	112 degree
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
MRDC125T/WH-XXLED-E27	7-13W



LED Recessed Downlight

ERSDL150

Application

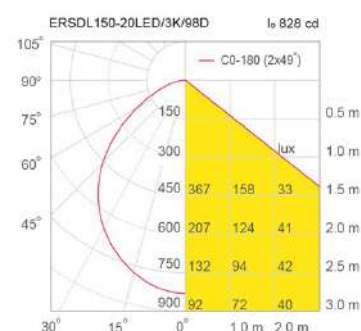
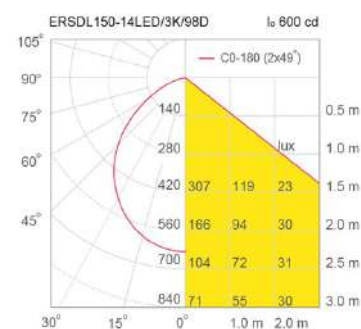
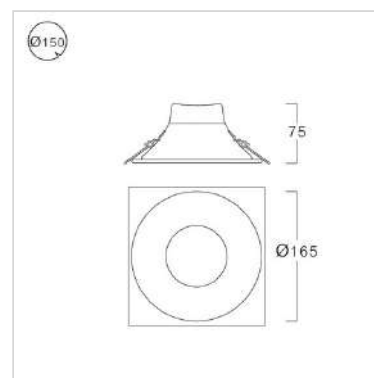
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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 (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm
Luminaire Output	14W : 1361/1470/1592 lm 20W : 1860/2008/2176 lm
Beam Angle	98 degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

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



LED Recessed Square Downlight

TIS ERSDL150S

Application

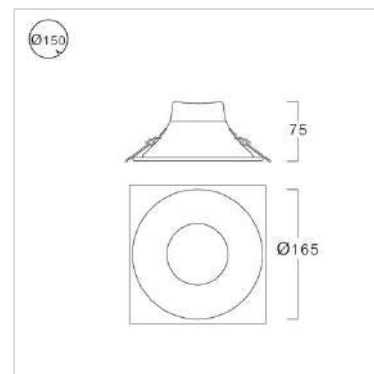
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	20W
Light Source	LED-MODULE
Colour Temperature	3000/3500/4000/6500K
CRI	>80
LED Output	2400/2400/2600/2600 lm
Luminaire Output	1948/1948/2110/2110 lm
Beam Angle	100 degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
ERSDL150S/WH-20LED	20W



LED Recessed Downlight



ERSDL200

Application

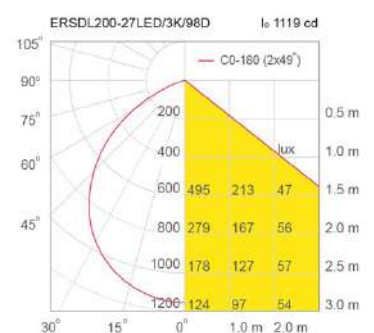
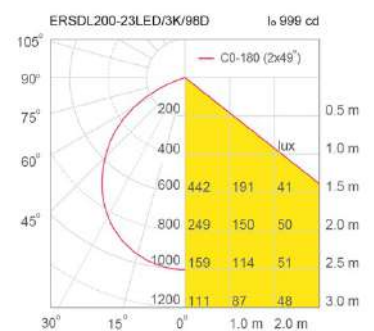
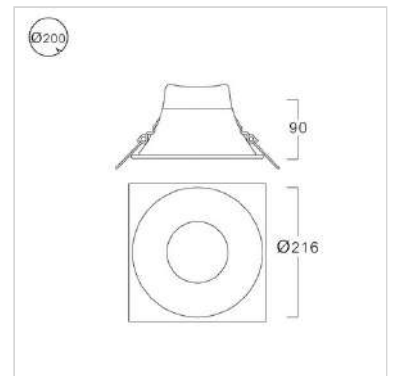
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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 (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

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



LED Recessed Square Downlight

TIS ERSDL200S

Application

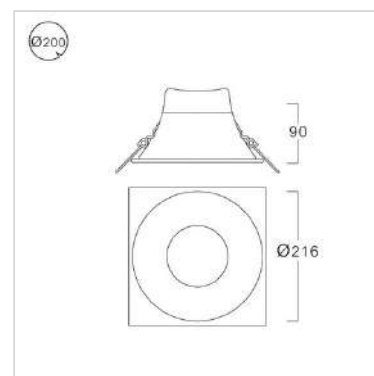
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white
Diffuser	Polycarbonate (PC)
Mounting	Recessed
Power	23W
Light Source	LED-MODULE
Colour Temperature	3000/3500/4000/6500K
CRI	>80
LED Output	2760/2760/2990/2990 lm
Luminaire Output	2159/2159/2338/2338 lm
Beam Angle	100 degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
ERSDL200S/WH-23LED	23W



LED Recessed Square Downlight



RSDL100

Application

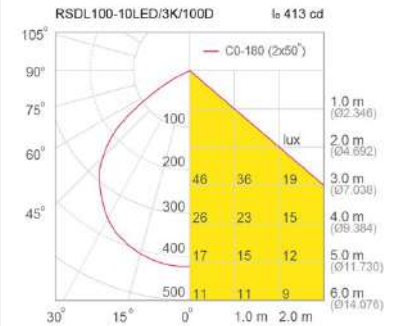
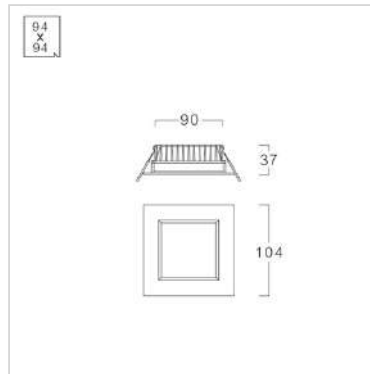
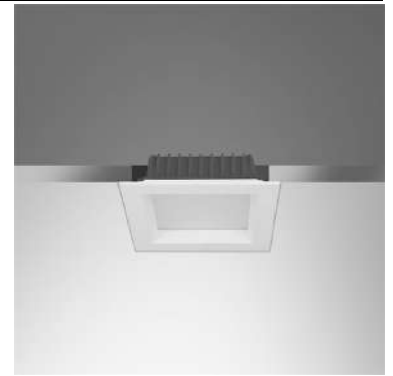
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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
CRI	>80
LED Output	1500/1625/1776 lm
Luminaire Output	996/1079/1179 lm
Beam Angle	100 degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
RSDL100/WH-10LED	10W



RSDL130

Application

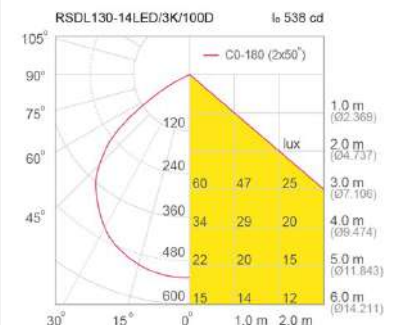
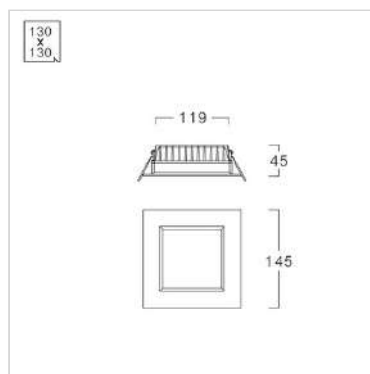
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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
CRI	>80
LED Output	1904/2064/2208 lm
Luminaire Output	1306/1415/1513 lm
Beam Angle	100 degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
RSDL130/WH-14LED	14W



LED Recessed Square Downlight



RSDL170

Application

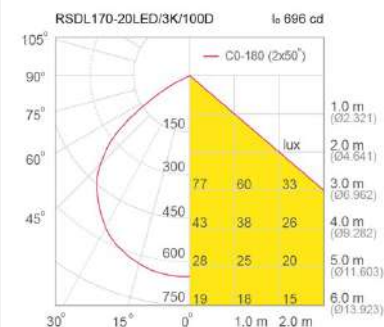
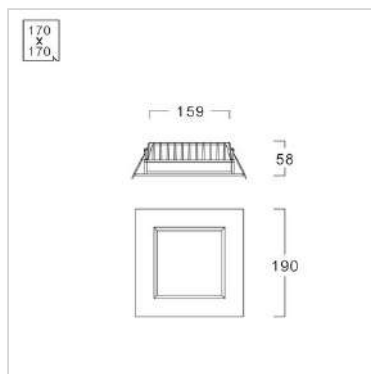
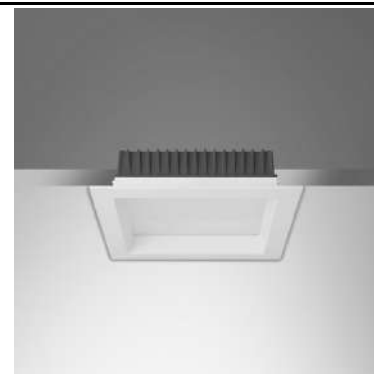
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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
CRI	>80
LED Output	2142/2322/2538 lm
Luminaire Output	1664/1803/1971 lm
Beam Angle	100 degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
RSDL170/WH-20LED	20W



RSDL210

Application

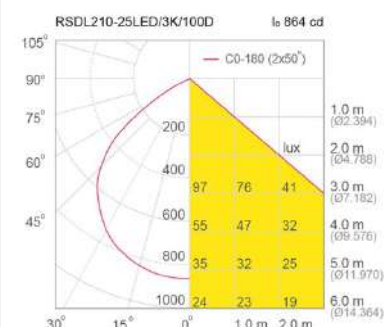
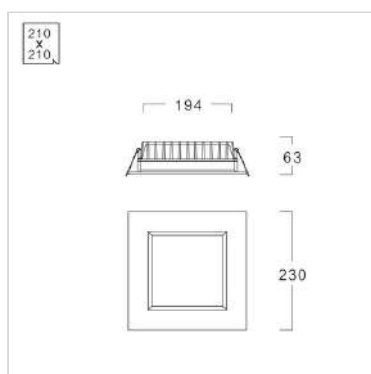
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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
CRI	>80
LED Output	2570/2786/3045 lm
Luminaire Output	2166/2348/2566 lm
Beam Angle	100 degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
RSDL210/WH-25LED	25W



LED Recessed Square Downlight



TIS RSAL58

Application

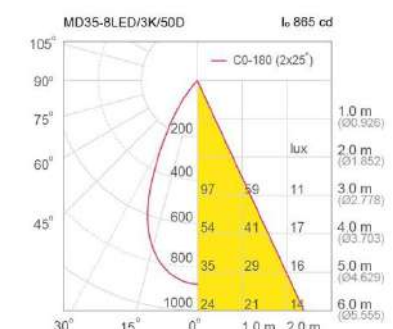
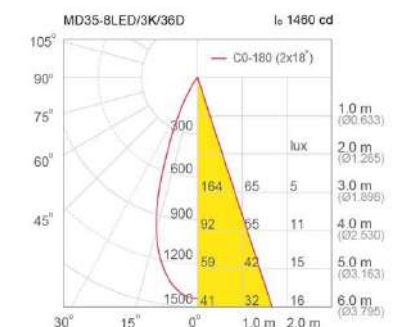
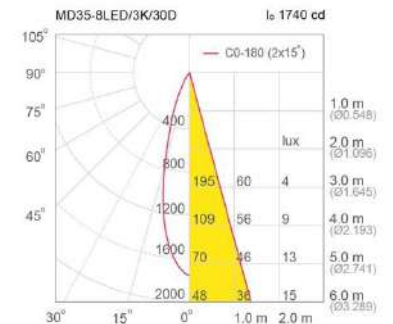
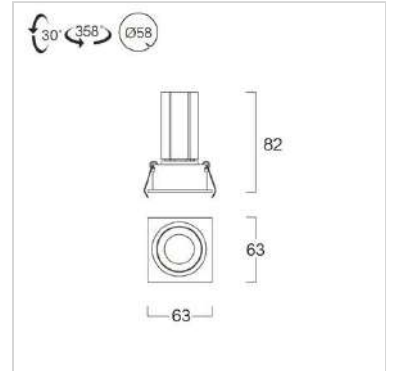
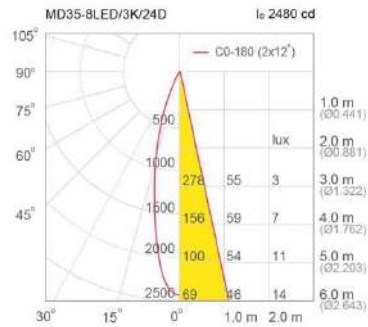
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	8W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K 2700/3500/6500/2700-6000K as optional
CRI	>90
LED Output	760/800/825/845 lm
Luminaire Output	579/610/629/645 lm*
Beam Angle	24/30/36/50 Degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
LED Lifetime	50,000 hrs.
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RSAL58/BK-8LED	8W
RSAL58/WH-8LED	8W



LED Recessed Square Downlight

RSAL76K

Application

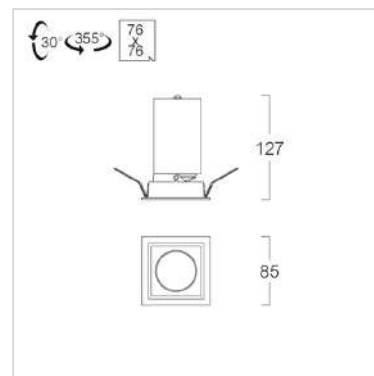
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

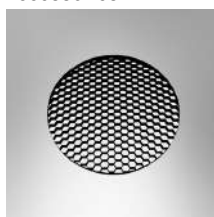
Housing	Die-cast aluminium
Description	Primary reflector : High quality lens 4 different secondary reflectors are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	14/20W
Light Source	LED COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1610/1620/1710 lm 20W : 2210/2215/2340 lm
Luminaire Output	14W : 1235/1321/1413 lm * 20W : 1764/1887/2019 lm *
Beam Angle	20/26/40/50 degree
UGR	<19
Control Gear	Separate Driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	* Value at 50 Degree IP44 is available as option

Ordering Data

Model	Watt
RSAL76K/MI/WH-14LED	14W
RSAL76K/MI/WH-20LED	20W



Accessories



Honey comb

LED Recessed Square Downlight



RSAL86K

Application

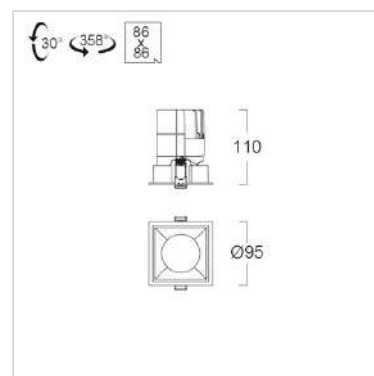
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

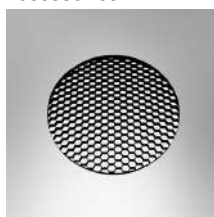
Housing	Die-cast aluminium
Description	Primary reflector : Vacuum aluminum plating PC/ High quality lens 4 different secondary reflectors are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	14/20/23W
Light Source	LED COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1540/1540/1660 lm 20W : 2200/2200/2370 lm 23W : 2635/2635/2845 lm
Luminaire Output	14W : 1330/1330/1420 lm * 20W : 1850/1850/1975 lm * 23W : 2160/2160/2310 lm *
Beam Angle	14W : 15/20/26/30/40/55 Degree 20/23W : 26/30/40/55 Degree
UGR	<19
Control Gear	Separate Driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	* Value at 40 degree IP44 is available as option

Ordering Data

Model	Watt
RSAL86K/MI/WH-14LED	14W
RSAL86K/MI/WH-20LED	20W
RSAL86K/MI/WH-23LED	23W



Accessories



Honey comb

LED Recessed Square Downlight



RSAL102K

Application

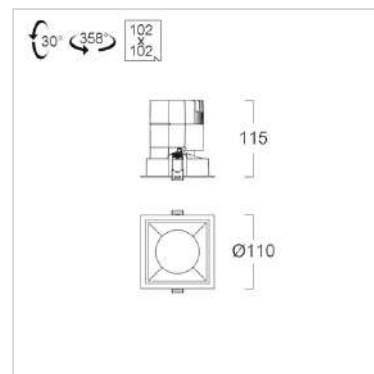
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

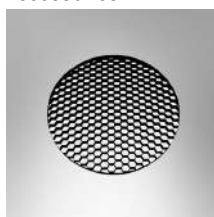
Housing	Die-cast aluminum
Description	Primary reflector : Vacuum aluminum plating PC/ High quality lens 4 different secondary reflectors are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome)
Finishing	Powder coated in white
Mounting	Recessed
Power	14/20/23/27W
Light Source	LED COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1540/1540/1660 lm 20W : 2220/2200/2370 lm 23W : 2635/2635/2845 lm 27W : 3093/3093/3340 lm
Luminaire Output	14W : 1425/1425/1520 lm * 20W : 2015/2015/2155 lm * 23W : 2360/2360/2525 lm * 27W : 2630/2630/2810 lm *
Beam Angle	14W : 10/15/26/32/45/55 Degree 20/23/27W : 26/32/45/55 Degree
UGR	<19
Control Gear	Separate Driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	* Value at 45 degree IP44 is available as option

Ordering Data

Model	Watt
RSAL 102K/MI/WH-14LED	14W
RSAL 102K/MI/WH-20LED	20W
RSAL 102K/MI/WH-23LED	23W
RSAL 102K/MI/WH-27LED	27W



Accessories



Honey comb

LED Recessed Square Downlight



RSAL135K

Application

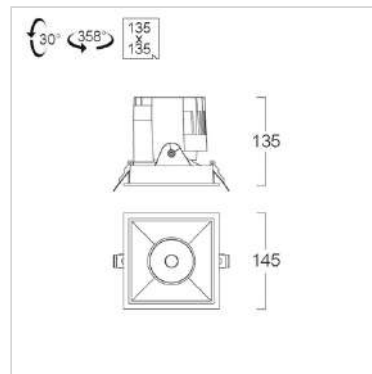
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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)
Finishing	Powder coated in white
Mounting	Recessed
Power	18/30/35/40/49W
Light Source	LED COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	18W : 2062/2062/2226 lm 30W : 3500/3500/3770 lm 35W : 3940/3940/4245 lm 40W : 4502/4502/4581 lm 49W : 5515/5515/5901 lm
Luminaire Output	18W : 1696/1696/1814 lm * 30W : 3082/3082/3297 lm ** 35W : 3396/3396/3633 lm ** 40W : 3796/3796/4061 lm ** 49W : 4213/4213/4507 lm **
Beam Angle	18W : 8/12 Degree 30/35/40/49W : 20/26/40/55 Degree
UGR	<19
Control Gear	Separate Driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	* Value at 12 Degree ** Value at 55 Degree IP44 is available as option

Ordering Data

Model	Watt
RSAL135K/MI/WH-18LED	18W
RSAL135K/MI/WH-30LED	30W
RSAL135K/MI/WH-35LED	35W
RSAL135K/MI/WH-49LED	49W



Accessories



Honey comb

LED Recessed Square Downlight



RSAL176K

Application

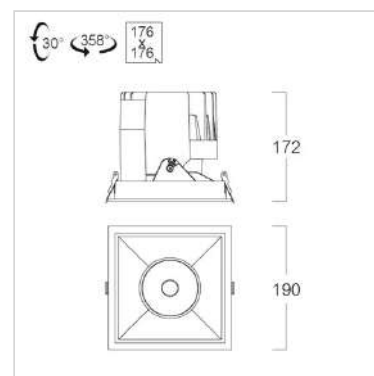
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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)
Finishing	Powder coated in white
Mounting	Recessed
Power	44/54/65W
Light Source	LED COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	44W : 4952/4952/5298 lm 54W : 6078/6078/6184 lm 65W : 7316/7316/7828 lm
Luminaire Output	44W : 4974/4974/5322 lm* 54W : 5458/5458/5840 lm* 65W : 6345/6345/6789 lm*
Beam Angle	20/32/40/65 Degree
UGR	<19
Control Gear	Separate Driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	* Value at 40 degree IP44 is available as option

Ordering Data

Model	Watt
RSAL176K/MI/WH-44LED	44W
RSAL176K/MI/WH-54LED	54W
RSAL176K/MI/WH-65LED	65W



Accessories



Honey comb

LED Multi-recessed Downlight



TIS RSAM75J

Application

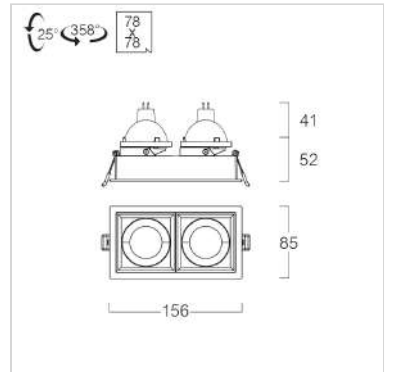
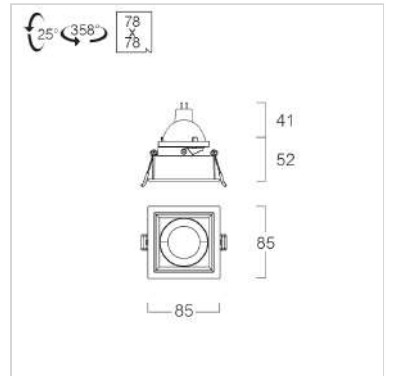
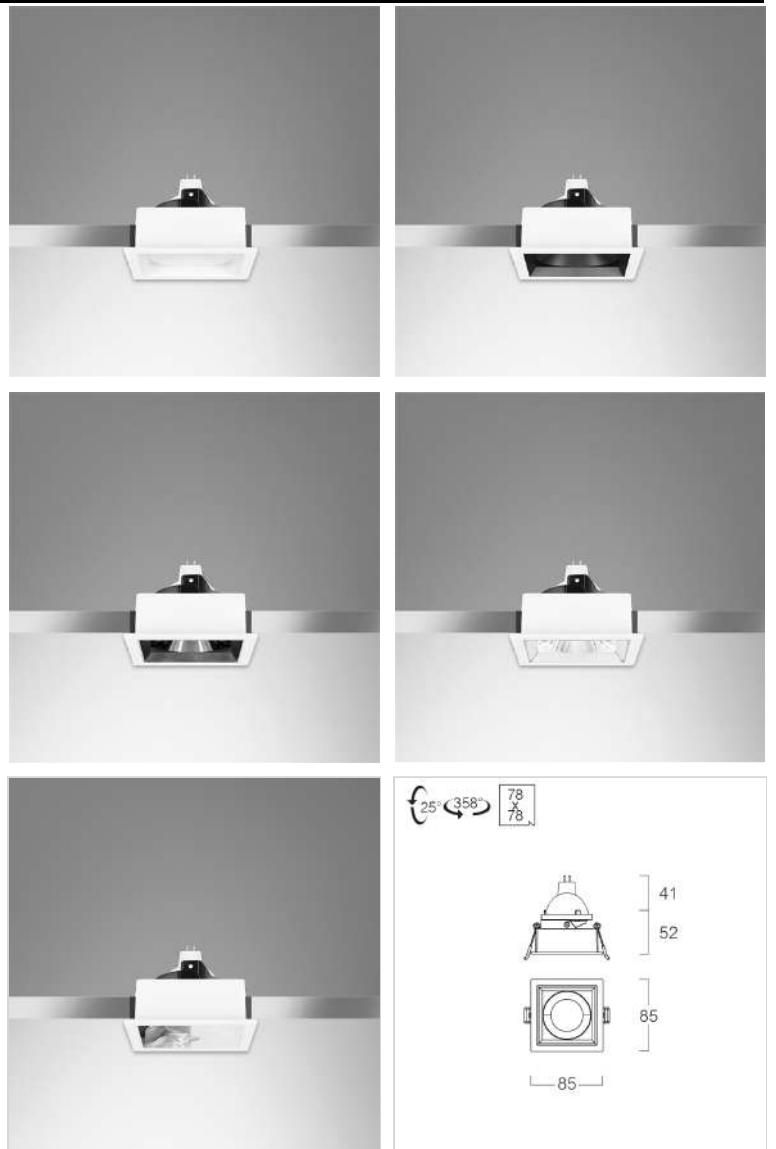
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

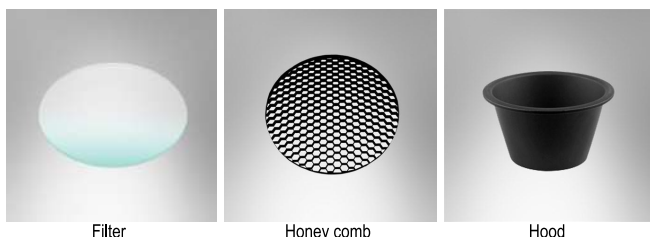
Housing	Die-cast aluminium
Description	5 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) WW (front reflector wall wash) Powder Coated in white / black Polycarbonate Recessed
Finishing	
Reflector	
Mounting	
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GU5.3
Colour Temperature	2700/3000/4000/6500K
CRI	>80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 6.5W : 2700/3000/4000K : 550 lm
Control Gear	Separate electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Lamp Lifetime	6W : 15,000 hrs. 6.5W : 50,000 hrs.

Ordering Data

Model	Watt
RSAM75J/BR/WH-1xXXLED-MR16	4-8W
RSAM75J/MB/WH-1xXXLED-MR16	4-8W
RSAM75J/MI/WH-1xXXLED-MR16	4-8W
RSAM75J/WR/WH-1xXXLED-MR16	4-8W
RSAM75J/WW/WH-1xXXLED-MR16	4-8W
RSAM75J/BR/WH-2xXXLED-MR16	8-16W
RSAM75J/MB/WH-2xXXLED-MR16	8-16W
RSAM75J/MI/WH-2xXXLED-MR16	8-16W
RSAM75J/WR/WH-2xXXLED-MR16	8-16W
RSAM75J/WW/WH-2xXXLED-MR16	8-16W



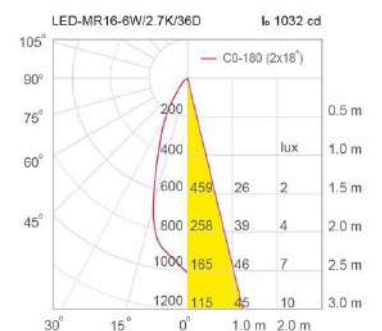
Accessories



Filter

Honey comb

Hood



LED Multi-recessed Downlight



TIS RSAM75J/T

Application

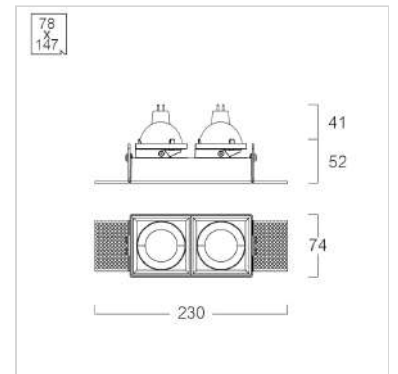
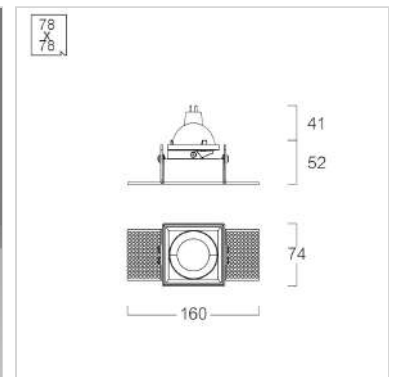
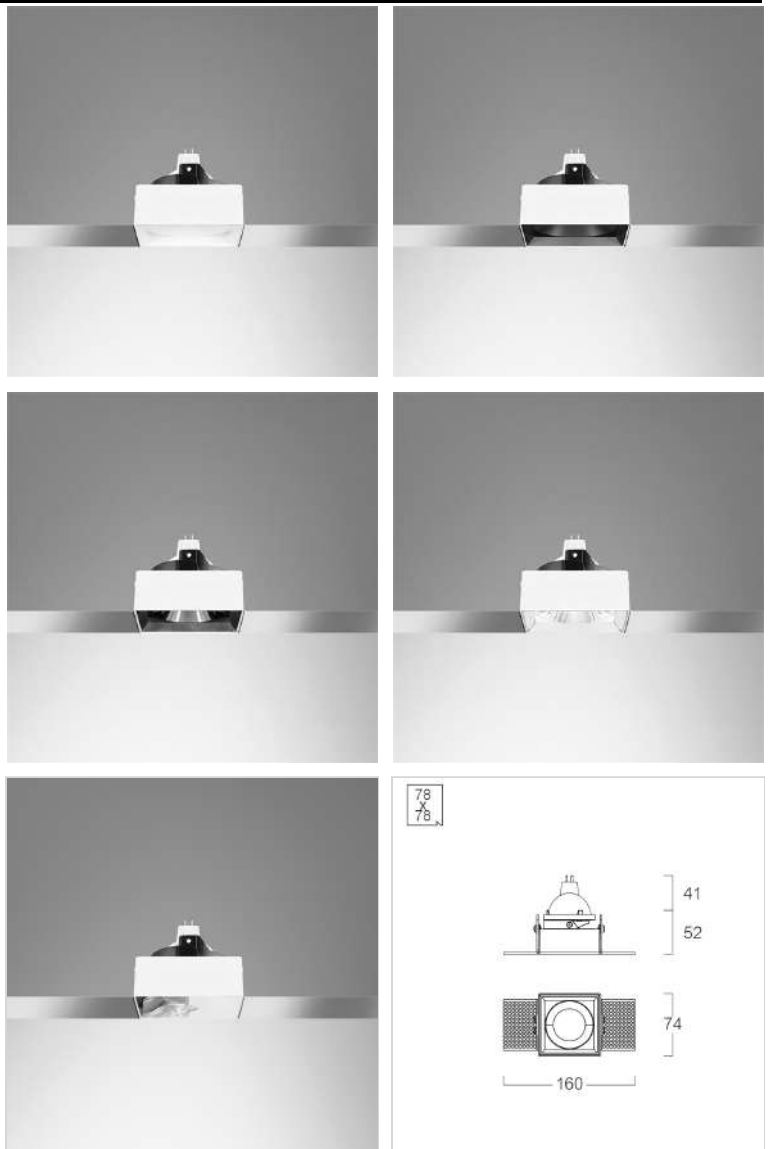
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

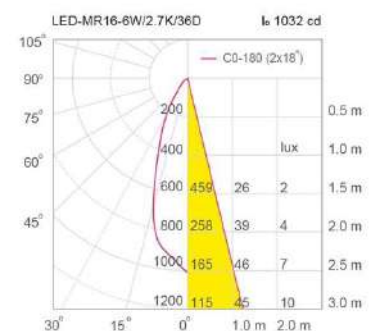
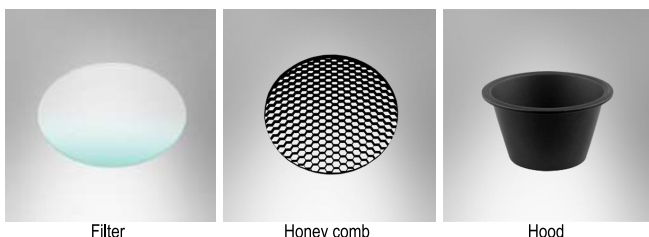
Housing	Die-cast aluminium
Description	5 different lamp heads are available for various applications WR (front reflector white) BR (front reflector black) MB (front reflector mirror black) MI (front reflector mirror chrome) WW (front reflector wall wash) Powder Coated in white / black Polycarbonate Recessed
Finishing	
Reflector	
Mounting	
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GU5.3
Colour Temperature	2700/3000/4000/6500K
CRI	>80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 6.5W : 2700/3000/4000K : 550 lm
Control Gear	Separate electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Lamp Lifetime	6W : 15,000 hrs. 6.5W : 50,000 hrs.

Ordering Data

Model	Watt
RSAM75J/T/BR/WH-1xXXLED-MR16	4-8W
RSAM75J/T/MB/WH-1xXXLED-MR16	4-8W
RSAM75J/T/MI/WH-1xXXLED-MR16	4-8W
RSAM75J/T/WR/WH-1xXXLED-MR16	4-8W
RSAM75J/T/WW/WH-1xXXLED-MR16	4-8W
RSAM75J/T/BR/WH-2xXXLED-MR16	8-16W
RSAM75J/T/MB/WH-2xXXLED-MR16	8-16W
RSAM75J/T/MI/WH-2xXXLED-MR16	8-16W
RSAM75J/T/WR/WH-2xXXLED-MR16	8-16W
RSAM75J/T/WW/WH-2xXXLED-MR16	8-16W



Accessories



LED Multi-recessed Downlight



TIS RSFM83

Application

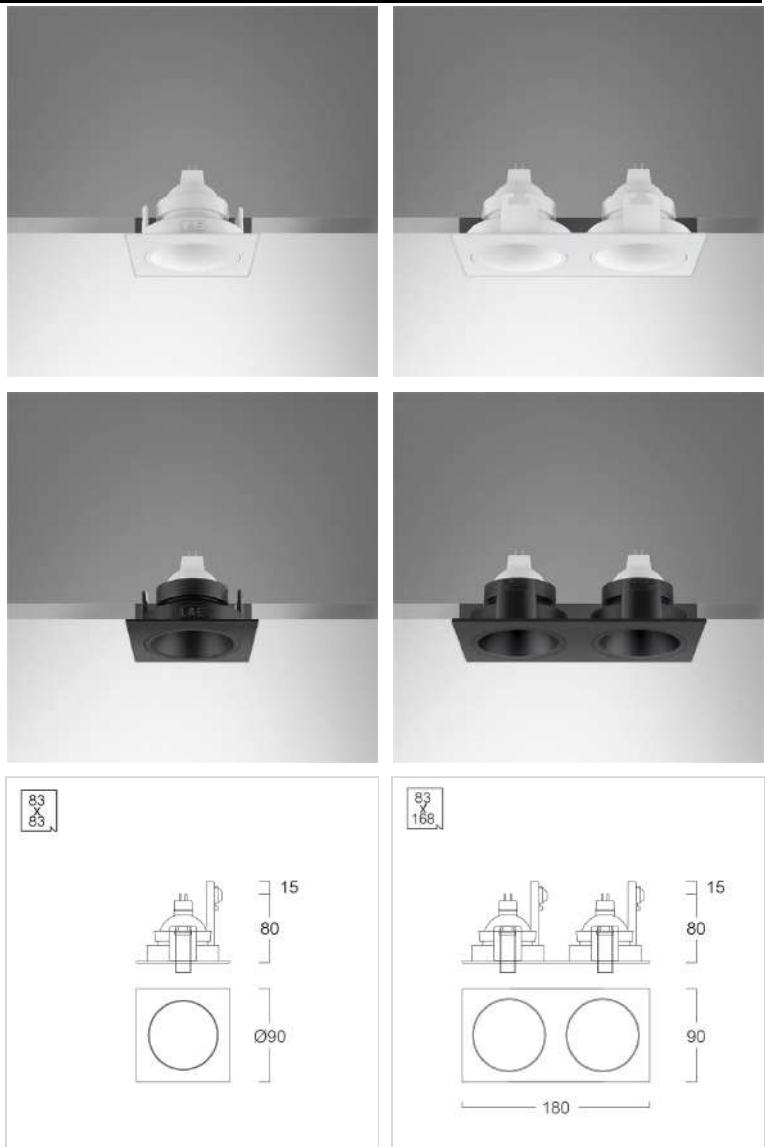
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

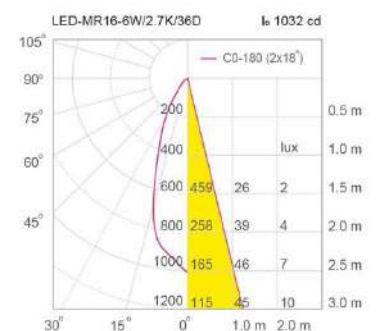
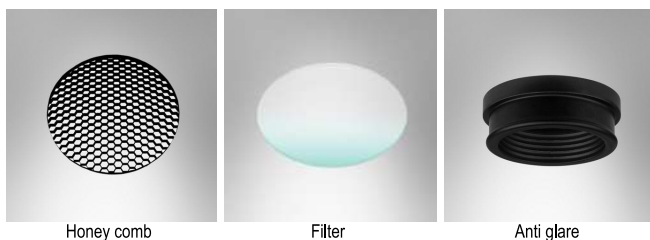
Housing	Die-cast aluminium
Description	4 different color matching are available for various applications WH : lamp head white , trim white BK : lamp head black , trim black WH/BK : lamp head white , trim black BK/WH : lamp head black , trim white Powder Coated in white / black
Finishing	Recessed
Mounting	1x4-8W (1 lamp) 2x4-8W (2 lamps)
Power	LED-MR16 GU5.3
Light Source	2700/3000/4000/6500K
Lamp Holder	>80
Colour Temperature	6W : 2700/3000/4000/6500K : 550 lm 6.5W : 2700/3000/4000K : 550 lm
CRI	Separate electronic transformer
Lamp Output	220-240VAC, 50Hz
Control Gear	>0.5
Power Supply	II
Power Factor	20
Insulation Class	6W : 15,000 hrs. 6.5W : 50,000 hrs.
IP Rating	
Lamp Lifetime	

Ordering Data

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



Accessories



TIS **RSAM83**

Application

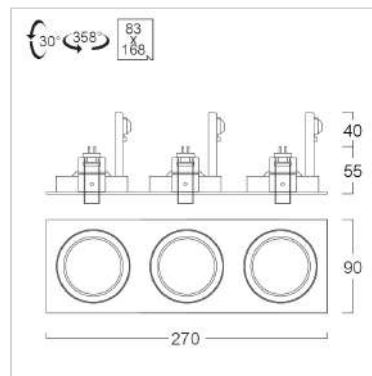
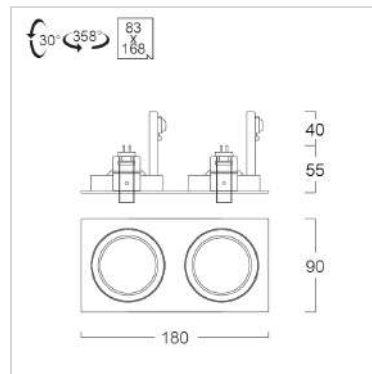
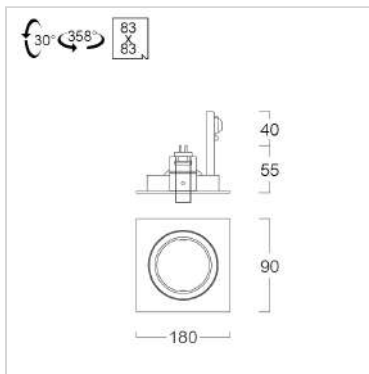
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

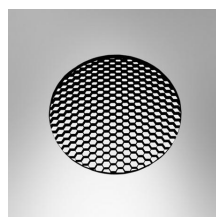
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps) 3x4-8W (3 lamps)
Light Source	LED-MR16
Lamp Holder	GU5.3
Colour Temperature	2700/3000/4000/6500K
CRI	>80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 6.5W : 2700/3000/4000K : 550 lm
Control Gear	Separate electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Lamp Lifetime	6W : 15,000 hrs. 6.5W : 50,000 hrs.

Ordering Data

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



Accessories



Honey comb



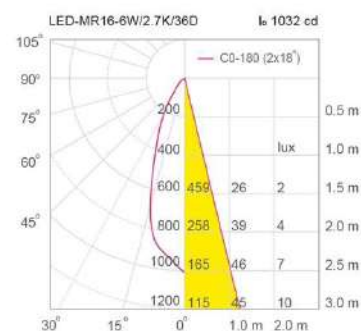
Filter



Anti glare



Hood





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
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
Powder coated in white / black

Finishing

Mounting

Power

Recessed
1x4-8W (1 lamp)
2x4-8W (2 lamps)
3x4-8W (3 lamps)

Light Source

Lamp Holder

Colour Temperature

CRI

Lamp Output

6W : 2700/3000/4000/6500K : 550 lm
6.5W : 2700/3000/4000K : 550 lm
Separate electronic transformer

Control Gear

Power Supply

Power Factor

Insulation Class

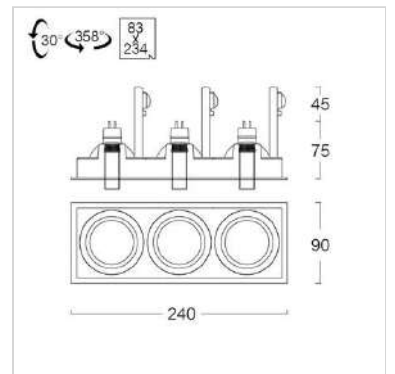
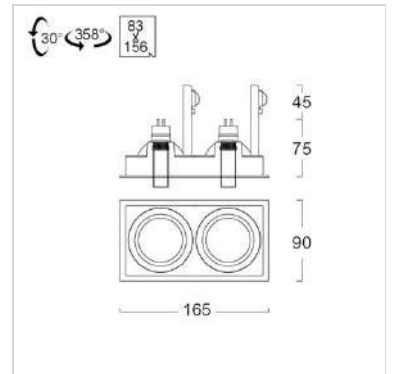
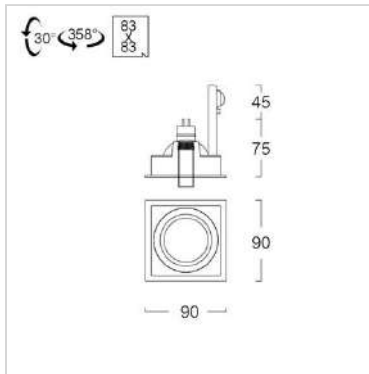
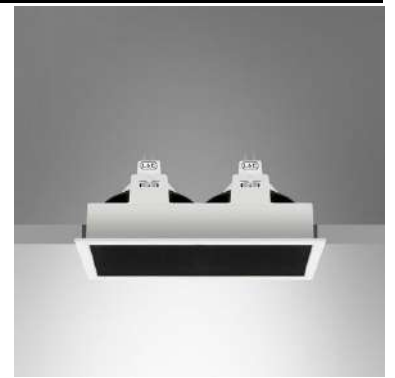
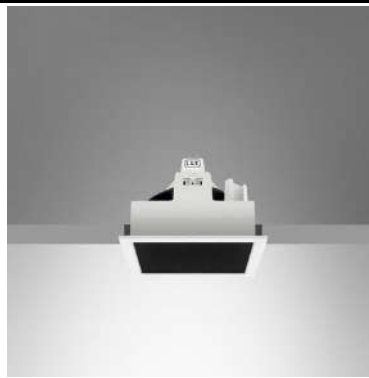
IP Rating

Lamp Lifetime

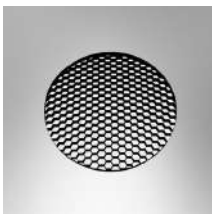
6W : 15,000 hrs.
6.5W : 50,000 hrs.

Ordering Data

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



Accessories



Honey comb



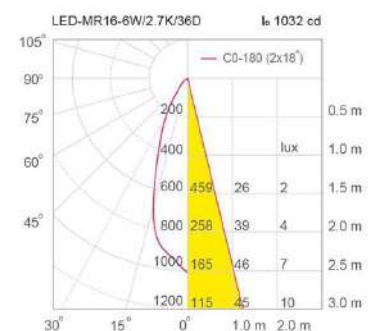
Filter



Anti glare



Hood



LED Multi-recessed Downlight



RSAM99

Application

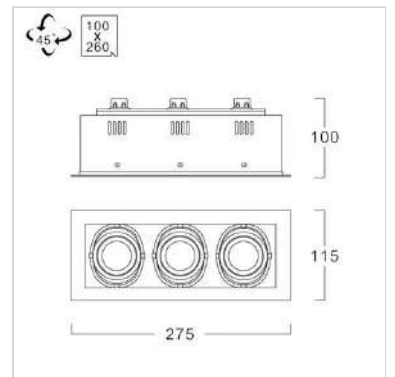
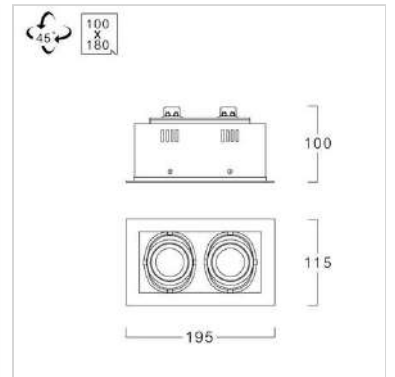
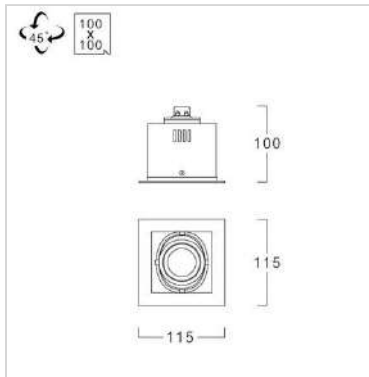
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

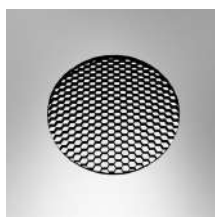
Housing	Painted steel frame and Die-cast aluminium lamp head
Description	3 different color matching are available for various applications WH : lamp head white , trim white BK : lamp head black , trim black BK/WH : lamp head black , trim white Powder Coated in white / black
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	1x4-8W (1 lamp) 2x4-8W (2 lamps) 3x4-8W (3 lamps)
Light Source	LED-MR16
Lamp Holder	GU5.3
Colour Temperature	2700/3000/4000/6500K
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 6.5W : 2700/3000/4000K : 550 lm Separate electronic transformer
Control Gear	220-240VAC, 50Hz
Power Supply	
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Lamp Lifetime	6W : 15,000 hrs. 6.5W : 50,000 hrs.

Ordering Data

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



Accessories



Honey comb



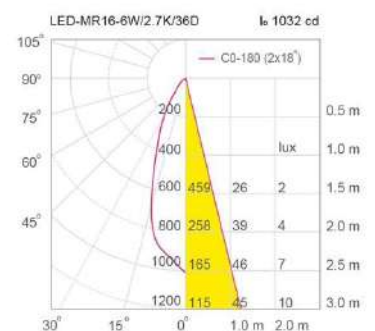
Filter



Anti glare



Hood



LED Multi-recessed Downlight



RSAP90D

Application

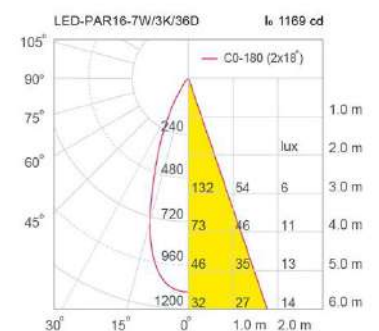
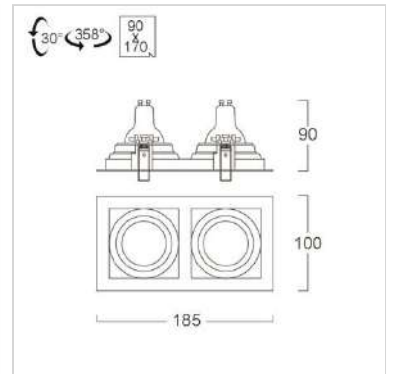
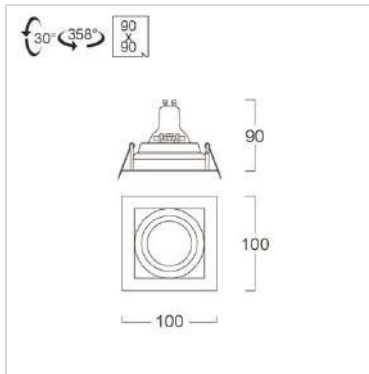
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white
Mounting	Recessed
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	27000/3000/4000K
CRI	>80
Lamp Output	6.5W : 2700/3000/4000K : >580 lm 7W : 3000/4000K : 670 lm
Power Supply	6.5W : 220-240VAC, 50Hz 7W : 220VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	20
Lamp Lifetime	6.5W : 50,000 hrs. 7W : 15,000 hrs.

Ordering Data

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



LED Multi-recessed Downlight



TIS RSAQ150

Application

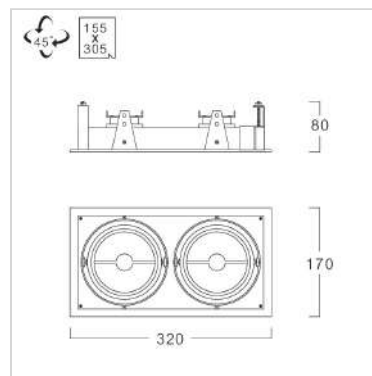
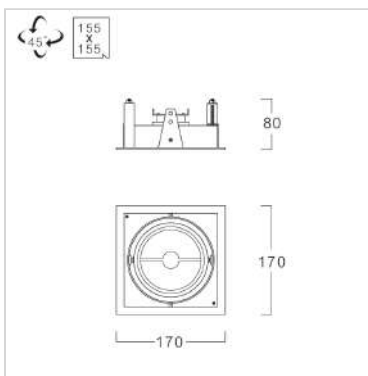
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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
CRI	>90
Lamp Output	15W : 830/840 lm 20W : 1350/1400 lm
Beam Angle	15W : 24/40 degree 20W : 12/24/40 degree
Control Gear	Separate electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0,5
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15W : 40,000 hrs. 20W : 25,000 hrs.

Ordering Data

Model	Watt
RSAQ150/BK-1xXXLED-QR111	10-20W
RSAQ150/WH-1xXXLED-QR111	10-20W
RSAQ150/BK-2xXXLED-QR111	20-40W
RSAQ150/WH-2xXXLED-QR111	20-40W



Accessories



Hood



Hood

LED Multi-recessed Downlight



TIS RSAQ150D

Application

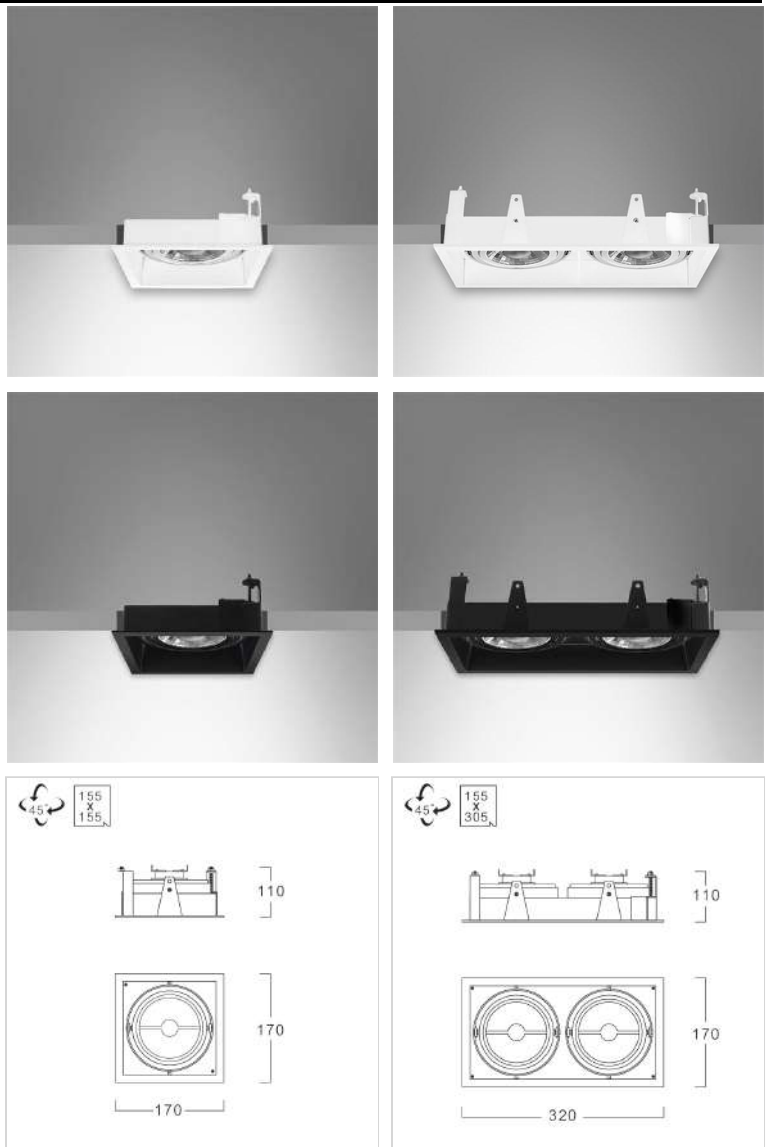
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame and Die-cast aluminium lamp head
Finishing	Powder coated in white / 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
CRI	>90
Lamp Output	15W : 830/840 lm 20W : 1350/1400 lm
Beam Angle	15W : 24/40 degree 20W : 12/24/40 degree
Control Gear	Separate electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0,5
Insulation Class	II
IP Rating	20
Luminaire Lifetime	15W : 40,000 hrs. 20W : 25,000 hrs.

Ordering Data

Model	Watt
RSAQ150D/BK-1xXXLED-QR111	10-20W
RSAQ150D/WH-1xXXLED-QR111	10-20W
RSAQ150D/BK-2xXXLED-QR111	20-40W
RSAQ150D/WH-2xXXLED-QR111	20-40W



Accessories



Hood

Hood

LED Multi-recessed Downlight



MRDC135F

Application

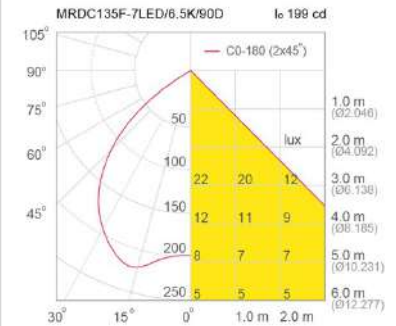
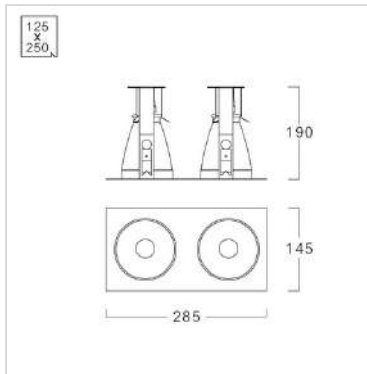
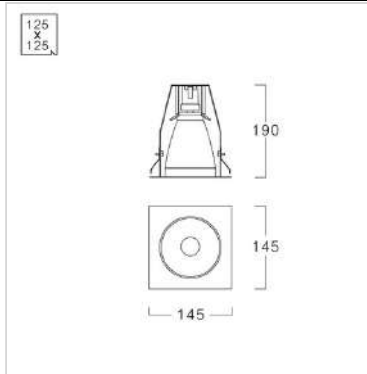
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame/ring
Finishing	Powder coated in white
Mounting	Recessed
Power	1x7-9W (1 lamp) 2x7-9W (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
Beam Angle	90 degree
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	>0.5
Insulation Class	I
IP Rating	20
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
MRDC135F/WH-1xXXLED	7-9W
MRDC135F/WH-2xXXLED	14-18W



MRDC155F

Application

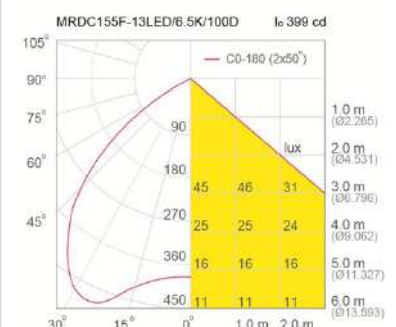
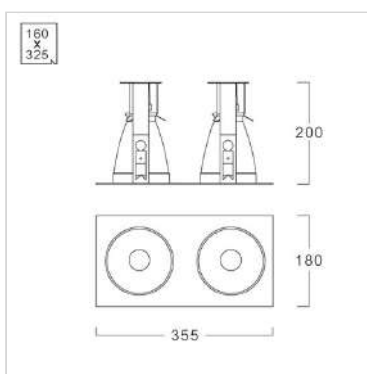
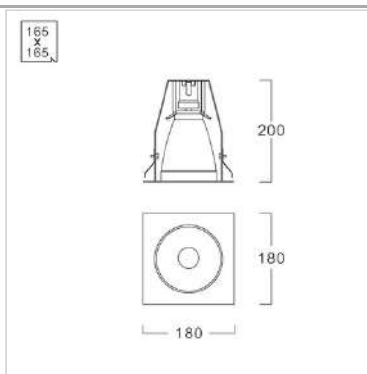
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame/ring
Finishing	Powder coated in white
Mounting	Recessed
Power	1x7-13W (1 lamp) 2x7-13W (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 1x11W : 3000/6500K : 1x1050/1050 lm 2x11W : 3000/6500K : 2x1050/1050 lm 1x13W : 3000/6500K : 1x1350/1350 lm 2x13W : 3000/6500K : 2x1350/1350 lm
Beam Angle	100 degree
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	>0.5
Insulation Class	I
IP Rating	20
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
MRDC155F/WH-1xXXLED	7-13W
MRDC155F/WH-2xXXLED	14-26W



LED Multi-recessed Downlight



MRDC135D

Application

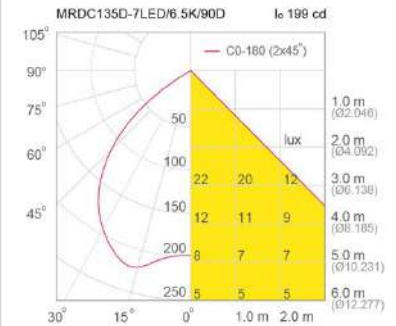
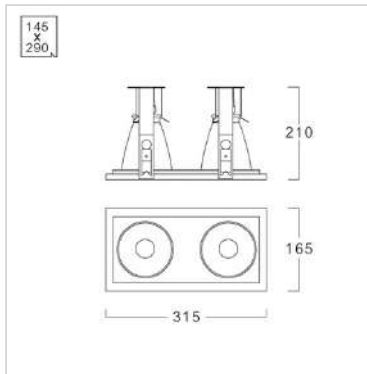
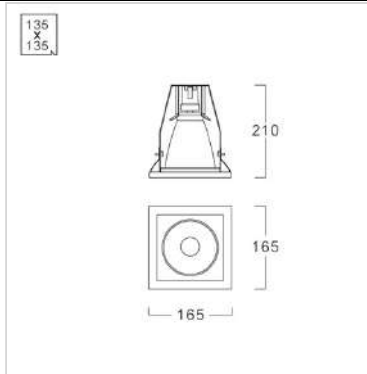
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame/ring
Finishing	Powder coated in white
Mounting	Recessed
Power	1x7-9W (1 lamp) 2x7-9W (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
Beam Angle	90 degree
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	>0.5
Insulation Class	I
IP Rating	20
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
MRDC135D/WH-1xXXLED	7-9W
MRDC135D/WH-2xXXLED	14-18W



MRDC155D

Application

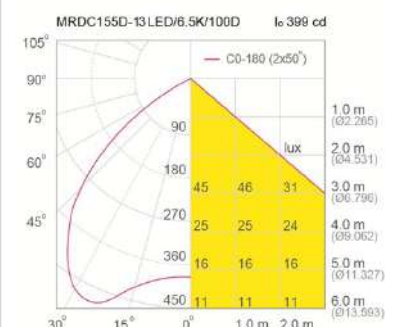
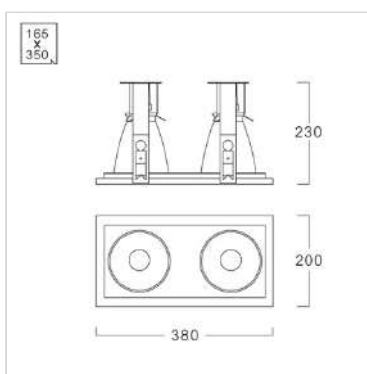
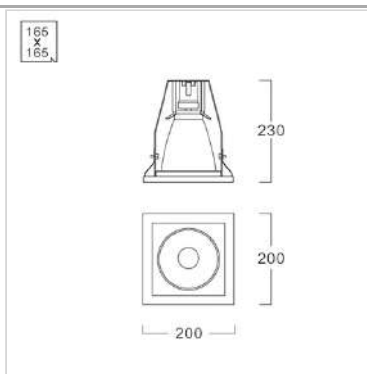
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Painted steel frame/ring
Finishing	Powder coated in white
Mounting	Recessed
Power	1x7-13W (1 lamp) 2x7-13W (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 1x11W : 3000/6500K : 1x1050/1050 lm 2x11W : 3000/6500K : 2x1050/1050 lm 1x13W : 3000/6500K : 1x1350/1350 lm 2x13W : 3000/6500K : 2x1350/1350 lm
Beam Angle	100 degree
Power Supply	220VAC,50Hz (L&E lamps) 220-240VAC,50Hz (other brands lamp are available as option)
Power Factor	>0.5
Insulation Class	I
IP Rating	20
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
MRDC155D/WH-1xXXLED	7-13W
MRDC155D/WH-2xXXLED	14-26W



LED Multi-Recessed Downlight



TIS RSAL75J

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) Powder coated in white / black Polycarbonate Recessed
Finishing	
Reflector	
Mounting	
Power	1 lamp : 14/20W 2 lamps : 28/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 lm
Luminaire Output	14W : 1044/1090/1189 lm* 20W : 1712/1745/1912 lm*
Beam Angle	14W : 15/24/36/60 Degree 20W : 20/24/36/55 Degree
UGR	<19
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*14W : Value at 15 Degree *20W : Value at 36 Degree

Ordering Data

Model	Watt
RSAL75J/BR/WH-1x14LED	14W
RSAL75J/MB/WH-1x14LED	14W
RSAL75J/WR/WH-1x14LED	14W
RSAL75J/BR/WH-1x20LED	20W
RSAL75J/MB/WH-1x20LED	20W
RSAL75J/WR/WH-1x20LED	20W
RSAL75J/BR/WH-2x14LED	28W
RSAL75J/MB/WH-2x14LED	28W
RSAL75J/WR/WH-2x14LED	28W
RSAL75J/BR/WH-2x20LED	40W
RSAL75J/MB/WH-2x20LED	40W
RSAL75J/WR/WH-2x20LED	40W

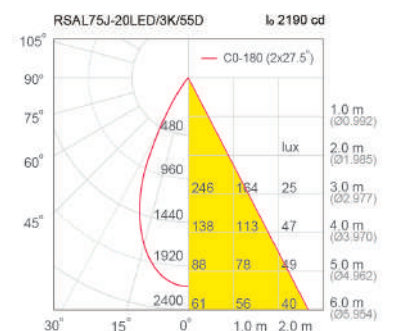
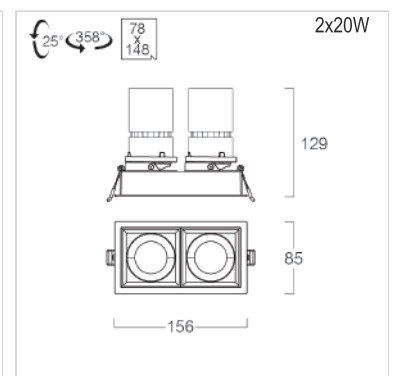
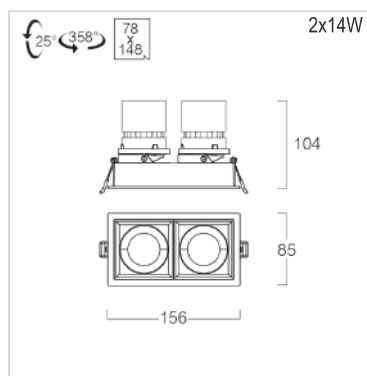
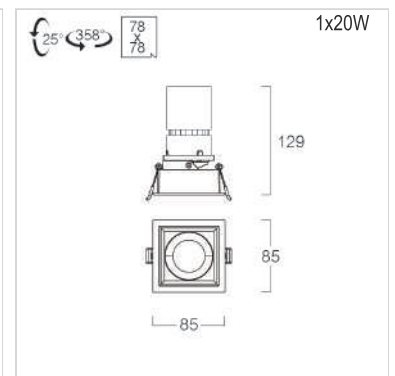
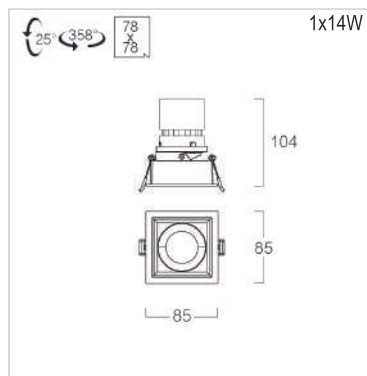
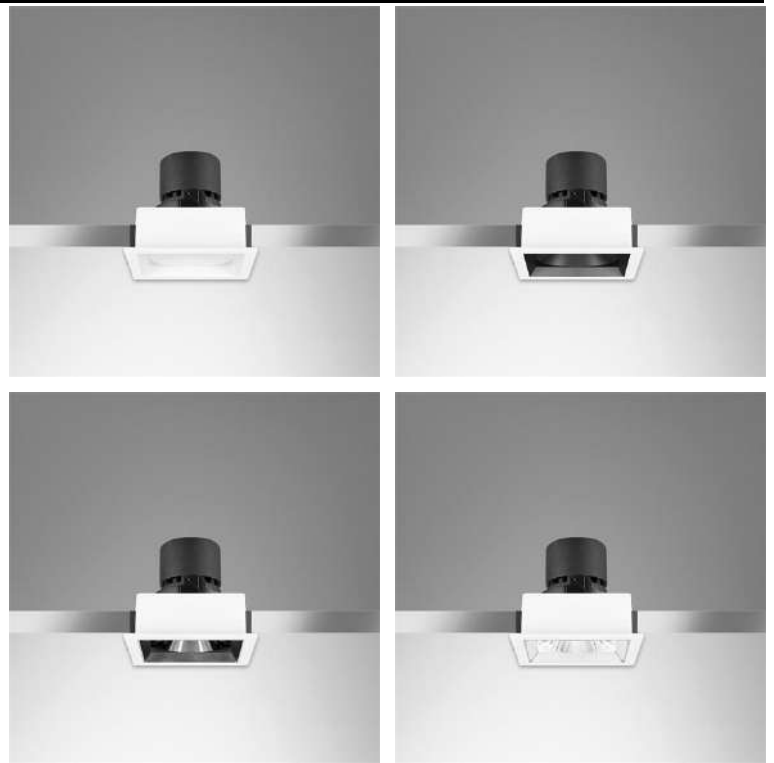
Accessories



Honey Comb

Filter

Hood



LED Multi-Recessed Downlight



TIS RSAL75J/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
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) Powder coated in white / black Polycarbonate Recessed
Finishing	
Reflector	
Mounting	
Power	1 lamp : 14/20W 2 lamps : 28/40W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 lm
Luminaire Output	14W : 1044/1090/1189 lm* 20W : 1712/1745/1912 lm*
Beam Angle	14W : 15/24/36/60 Degree 20W : 20/24/36/55 Degree
UGR	<19
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*14W : Value at 15 Degree *20W : Value at 36 Degree

Ordering Data

Model	Watt
RSAL75J/T/BR/WH-1x14LED	14W
RSAL75J/T/MB/WH-1x14LED	14W
RSAL75J/T/WR/WH-1x14LED	14W
RSAL75J/T/BR/WH-1x20LED	20W
RSAL75J/T/MB/WH-1x20LED	20W
RSAL75J/T/WR/WH-1x20LED	20W
RSAL75J/T/BR/WH-2x14LED	28W
RSAL75J/T/MB/WH-2x14LED	28W
RSAL75J/T/WR/WH-2x14LED	28W
RSAL75J/T/BR/WH-2x20LED	40W
RSAL75J/T/MB/WH-2x20LED	40W
RSAL75J/T/WR/WH-2x20LED	40W

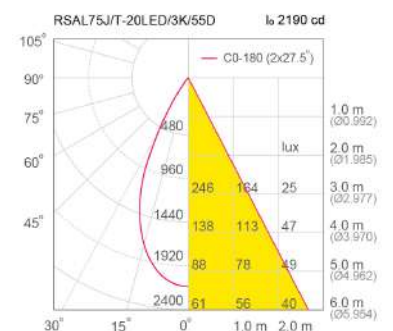
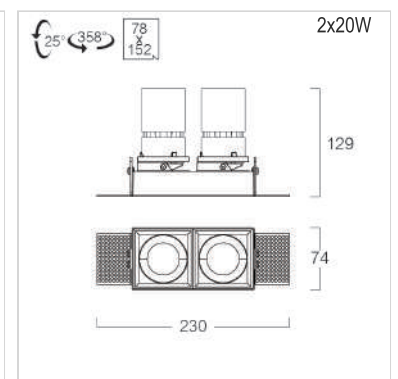
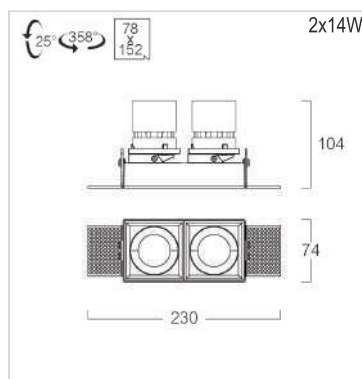
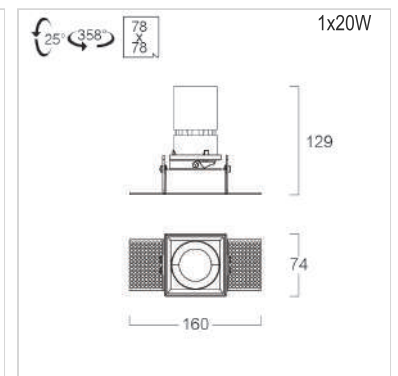
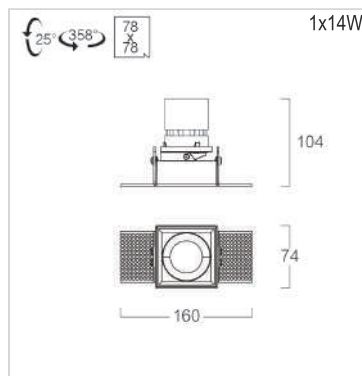
Accessories



Honey Comb

Filter

Hood



LED Multi-Recessed Downlight



RSFL83

Application

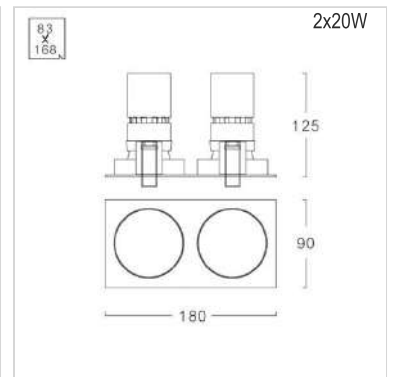
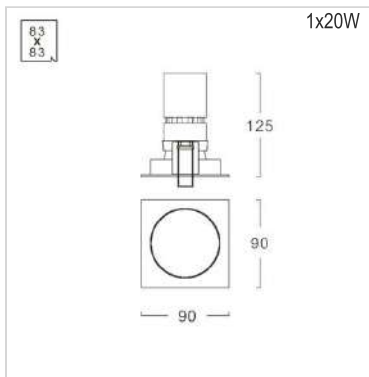
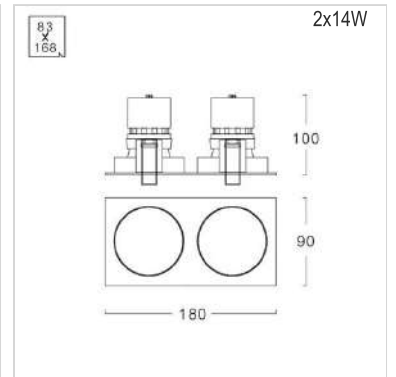
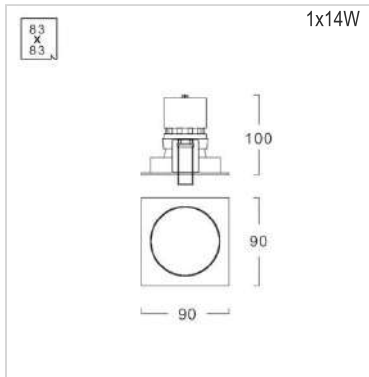
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

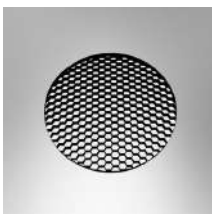
Housing	Die-cast aluminium
Description	4 different color matching are available for various applications WH : lamp head white , trim white BK : lamp head black , trim black WH/BK : lamp head white , trim black BK/WH : lamp head black , trim white Powder coated in white / black
Finishing	Recessed
Mounting	1 lamp : 14/20W 2 lamps : 28/40W
Power	LED-COB
Light Source	3000/4000/5000K (2700/3500/2700-6000K as optional)
Colour Temperature	>90/ >90/ >80
CRI	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 lm
LED Output	14W : 995/1040/1140 lm* 20W : 1700/1840/1985 lm*
Luminaire Output	14W : 15/24/36/60 Degree 20W : 18/24/36/60 Degree
Beam Angle	<19
UGR	Separate driver
Control Gear	DIM PHASE/0-10V/DALI-2
Control	/DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
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



Accessories



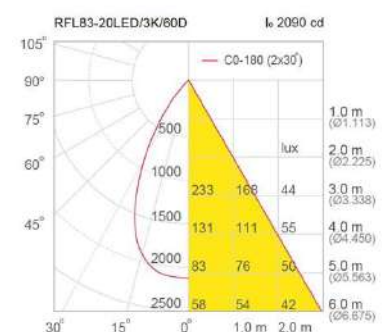
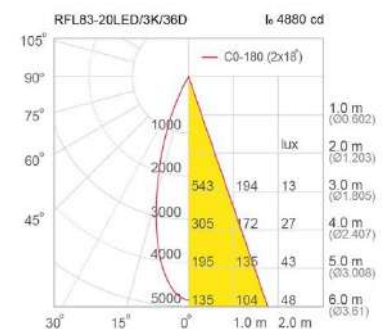
Honey comb



Filter



Anti glare



LED Multi-Recessed Downlight



TIS RSAL83

Application

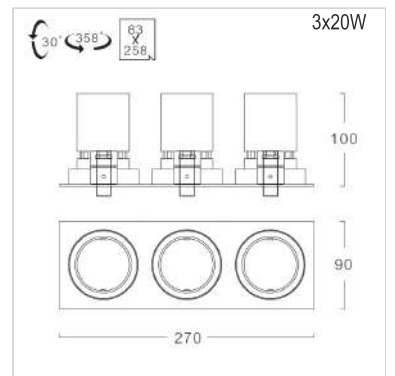
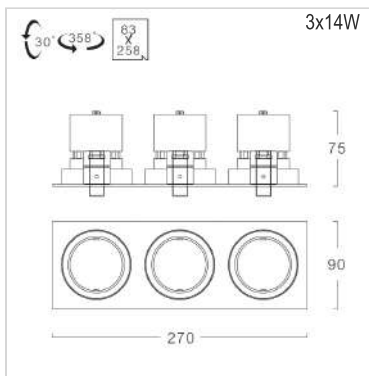
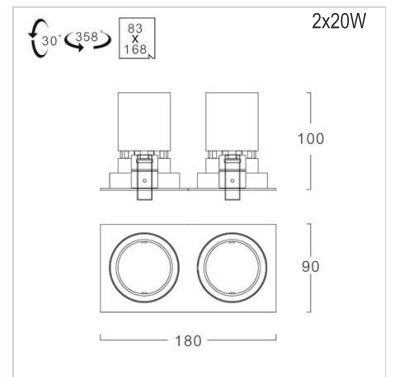
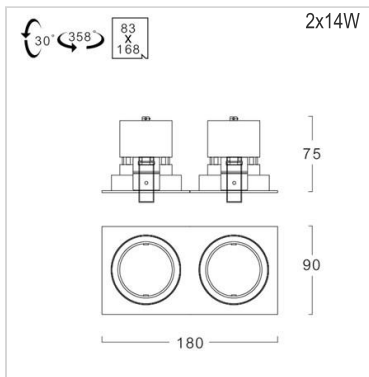
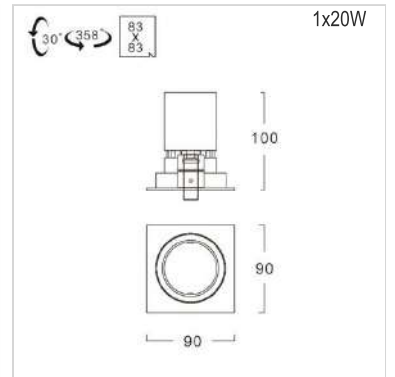
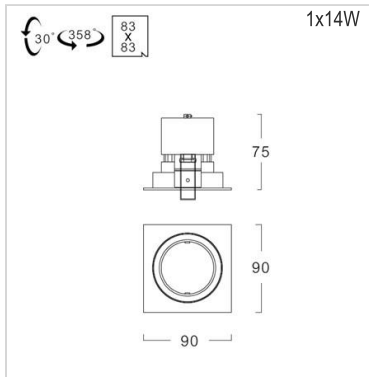
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

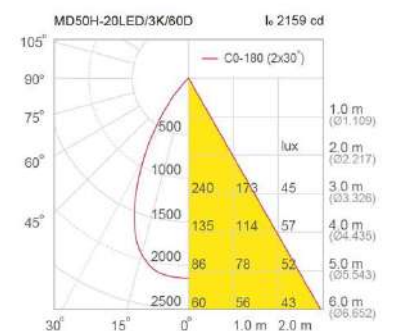
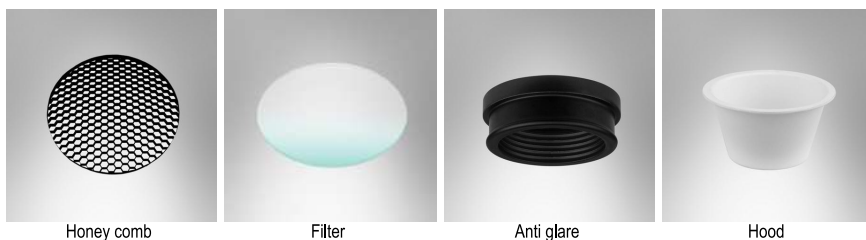
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Recessed
Power	1 lamp : 14/20W 2 lamps : 28/40W 3 lamps : 42/60W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
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



Accessories



LED Multi-Recessed Downlight



TIS RSAL83D

Application

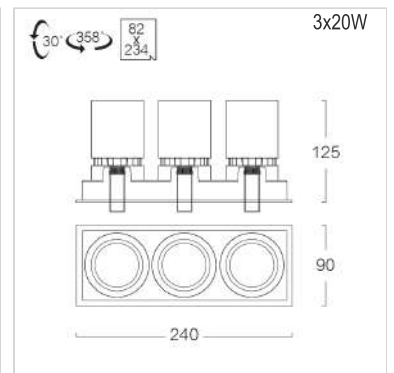
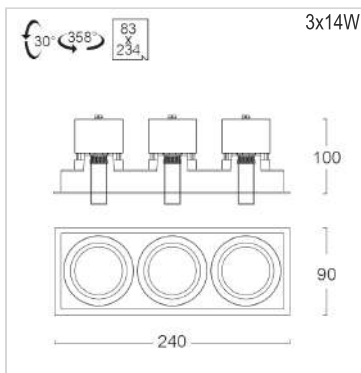
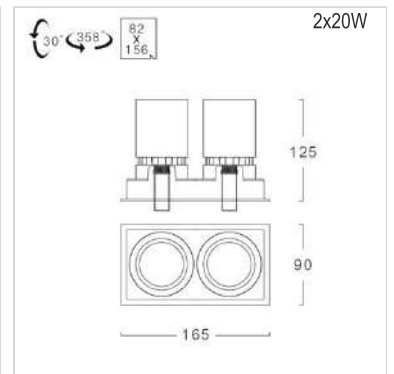
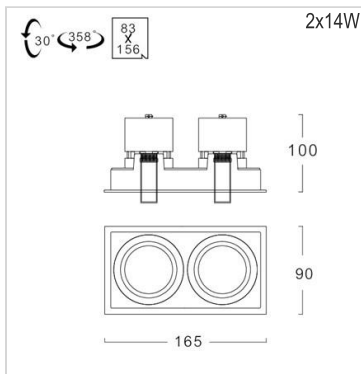
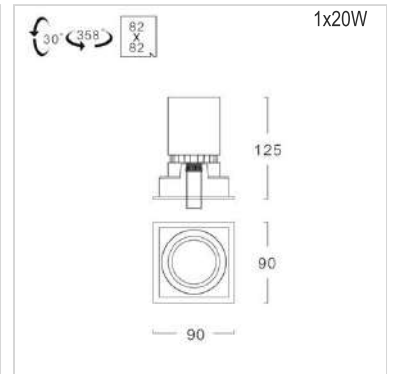
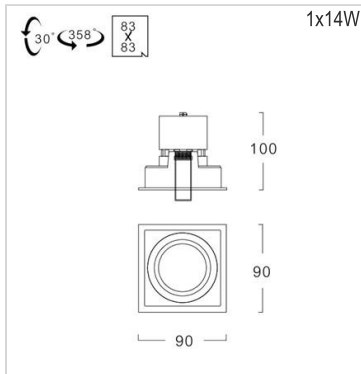
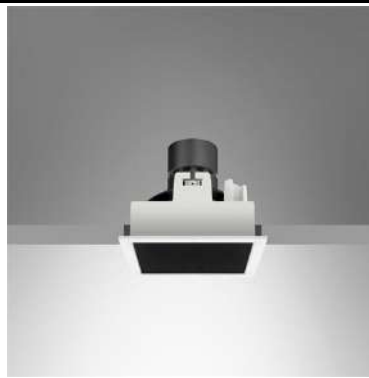
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

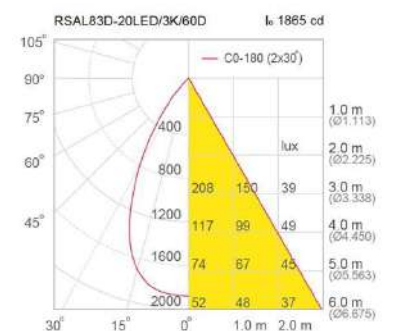
Housing	Die-cast aluminium
Description	3 different color matching are available or various applications BK/WH : inner black , trim white BK : inner black , trim black WH : inner white , trim white Powder coated in white / black
Finishing	Recessed
Mounting	1 lamp : 14/20W 2 lamps : 28/40W 3 lamps : 42/60W
Power	LED-COB
Light Source	3000/4000/5000K (2700/3500/2700-6000K as optional)
Colour Temperature	>90/ >90/ >80
CRI	14W : 1333/1397/1530 lm 20W : 2232/2430/2538 lm
LED Output	14W : 973/1022/1105 lm* 20W : 1685/1769/1910 lm*
Luminaire Output	14W : 15/24/36/60 Degree 20W : 18/24/36/60 Degree
Beam Angle	<19
UGR	Separate driver
Control Gear	DIM PHASE/0-10V/DALI-2
Control	/DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Value at 15 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
RSAL83D/BK/WH-3x14LED	42W
RSAL83D/BK/WH-3x20LED	60W



Accessories



LED Multi-Recessed Downlight



TIS RSAL99

Application

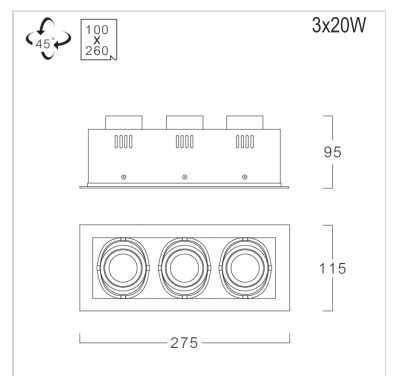
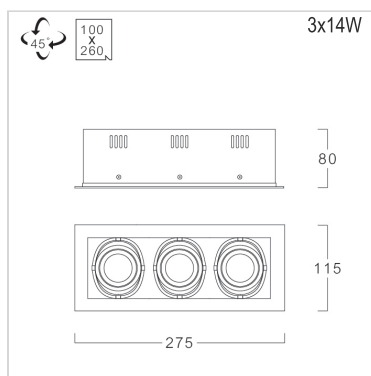
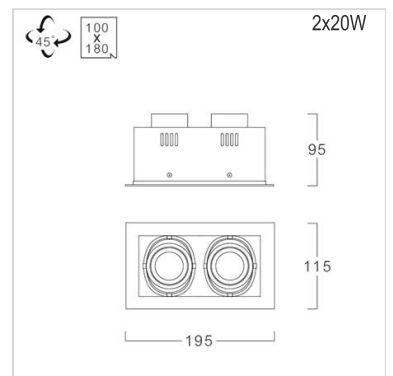
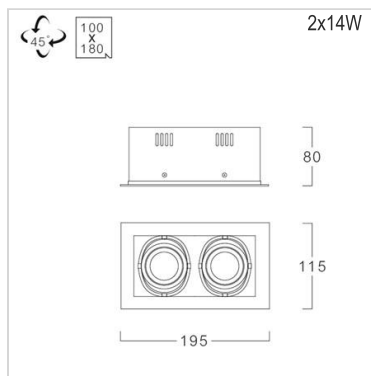
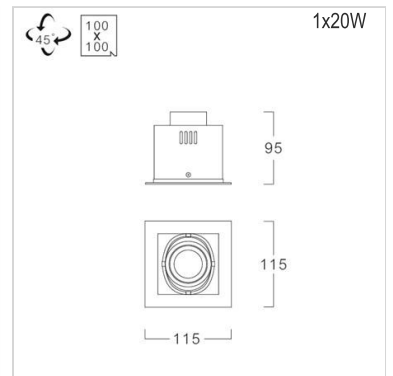
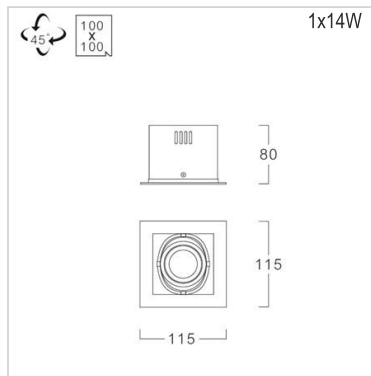
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

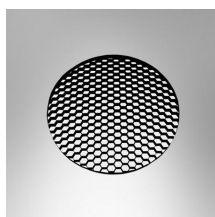
Housing	Painted steel frame and Die-cast aluminium lamp head
Description	3 different color matching are available for various applications WH : lamp head white , trim white BK : lamp head black , trim black BK/WH : lamp head black , trim white
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	1 lamp : 14/20W 2 lamps : 28/40W 3 lamps : 42/60W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
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



Accessories



Honey comb



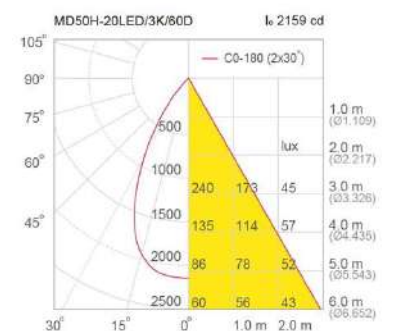
Filter



Anti glare



Hood



LED Multi-Recessed Downlight



TIS 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.

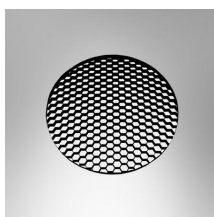
Specification

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 (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
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

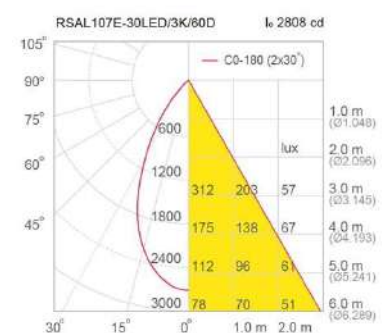
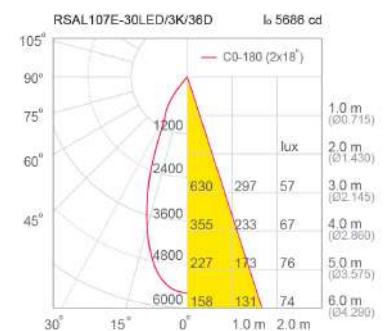
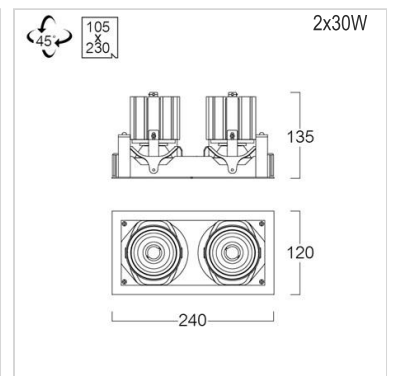
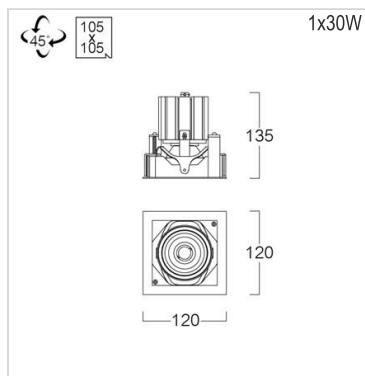
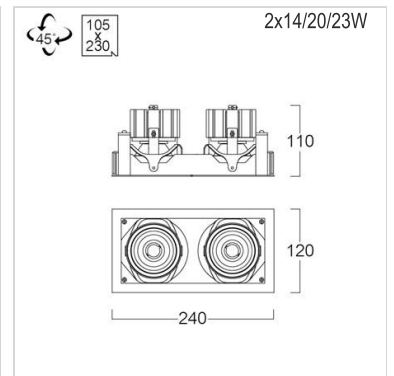
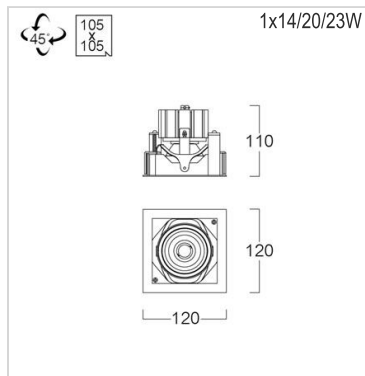
Accessories



Honey comb



Hood



LED Multi-Recessed Downlight



TIS 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.

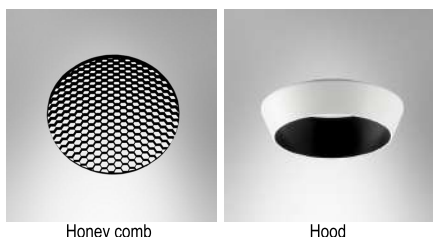
Specification

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 (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Value at 24 Degree

Ordering Data

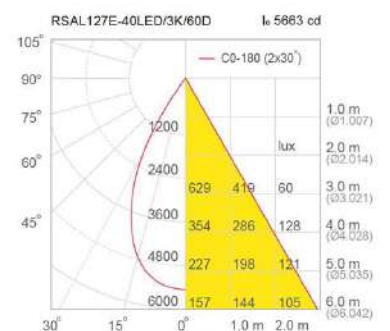
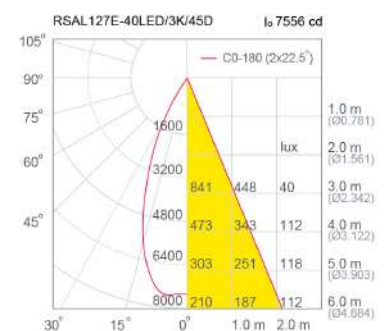
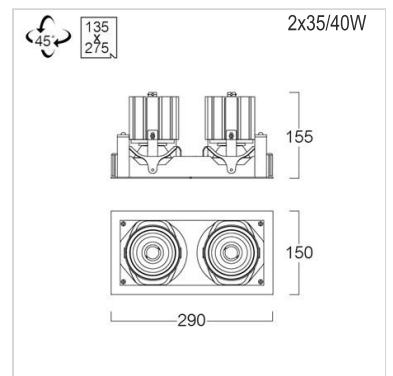
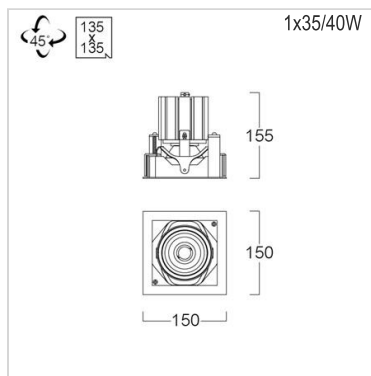
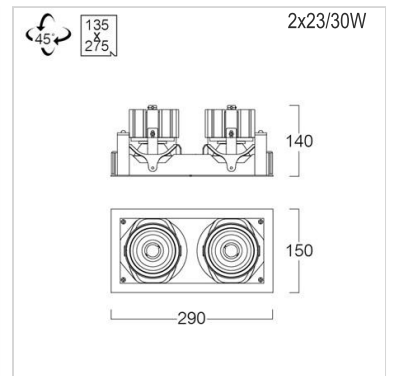
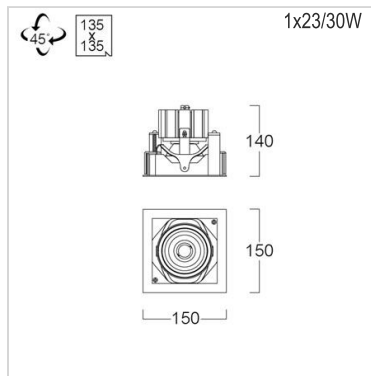
Model	Watt
RSAL127E/WH-1x23LED	23W
RSAL127E/WH-1x30LED	30W
RSAL127E/WH-1x35LED	35W
RSAL127E/WH-1x40LED	40W
RSAL127E/WH-2x23LED	46W
RSAL127E/WH-2x30LED	60W
RSAL127E/WH-2x35LED	70W
RSAL127E/WH-2x40LED	80W

Accessories



Honey comb

Hood



LED IP Recessed Downlight



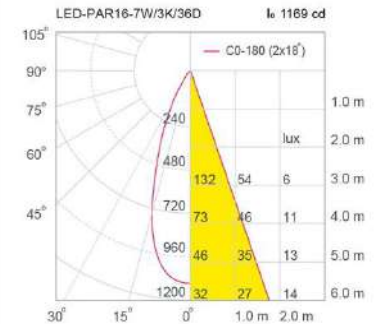
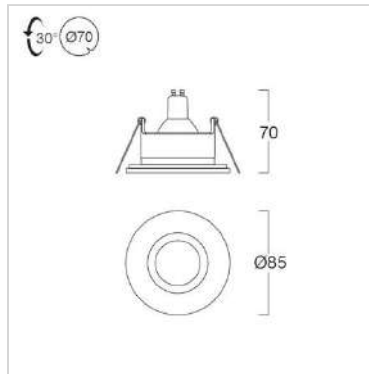
RAP70

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	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	27000/3000/4000K
CRI	>80
Lamp Output	6.5W : 2700/3000/4000K : >580 lm 7W : 3000/4000K : 670 lm
Power Supply	6.5W : 220-240VAC, 50Hz 7W : 220VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	44
Luminaire Lifetime	6.5W : 50,000 hrs. 7W : 15,000 hrs.



Ordering Data

Model	Watt
RAP70/BK-XXLED-PAR16	4-7W
RAP70/WH-XXLED-PAR16	4-7W

RFP60D

Application

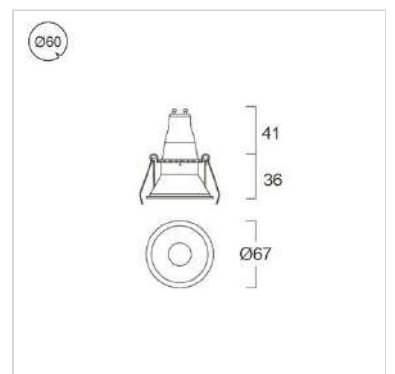
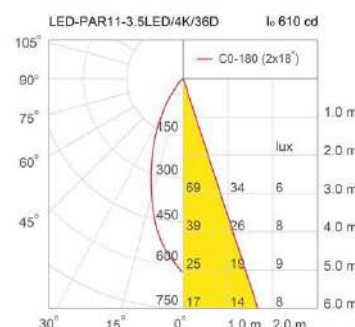
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	3-4W
Light Source	LED-PAR11
Lamp Holder	GU10
Colour Temperature	3000/4000K
CRI	>80
Lamp Output	300 lm
Power Supply	220-240VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	44
Lamp Lifetime	15,000 hrs

Ordering Data

Model	Watt
RFP60D/BK-XXLED-PAR11	3-4W
RFP60D/WH-XXLED-PAR11	3-4W



LED IP Recessed Downlight



RFP74D

Application

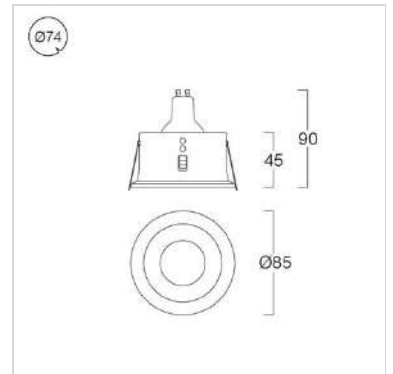
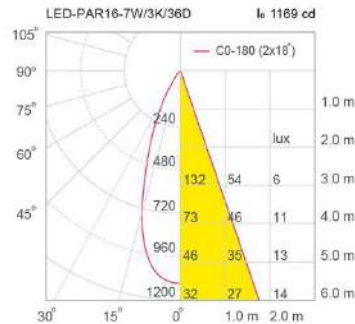
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Diffuser	Clear glass
Mounting	Recessed
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	27000/3000/4000K
CRI	>80
Lamp Output	6.5W : 2700/3000/4000K : >580 lm 7W : 3000/4000K : 670 lm
Power Supply	6.5W : 220-240VAC, 50Hz 7W : 220VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	44
Luminaire Lifetime	6.5W : 50,000 hrs. 7W : 15,000 hrs.

Ordering Data

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



RSFP74D

Application

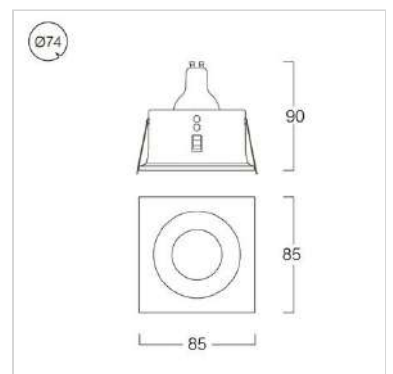
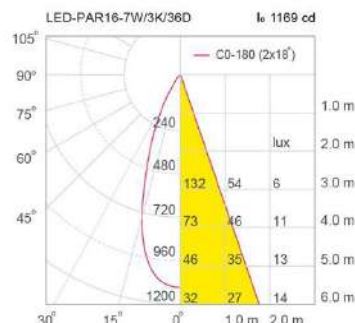
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Diffuser	Clear glass
Mounting	Recessed
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	27000/3000/4000K
CRI	>80
Lamp Output	6.5W : 2700/3000/4000K : >580 lm 7W : 3000/4000K : 670 lm
Power Supply	6.5W : 220-240VAC, 50Hz 7W : 220VAC, 50Hz
Power Factor	>0.5
Insulation Class	II
IP Rating	44
Luminaire Lifetime	6.5W : 50,000 hrs. 7W : 15,000 hrs.

Ordering Data

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



LED IP Recessed Downlight



TIS RFL60D

Application

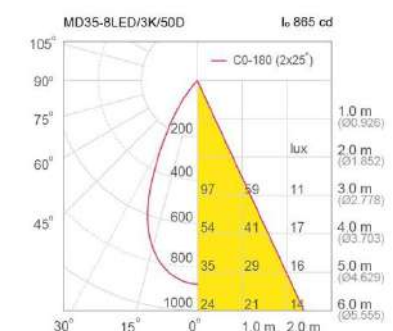
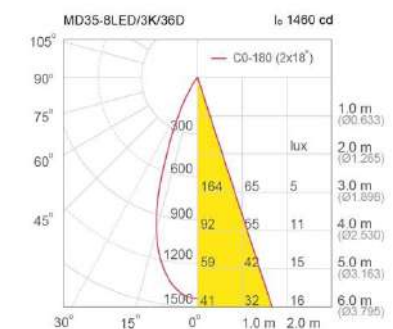
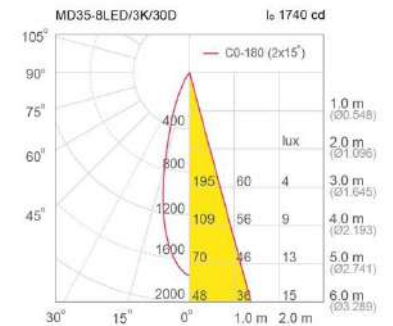
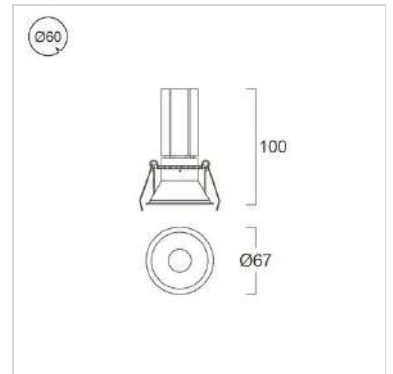
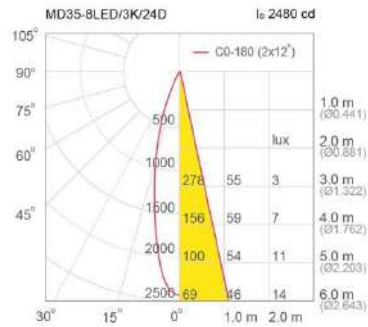
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Mounting	Recessed
Power	8W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K 2700/3500/6500/2700-6000K as optional
CRI	>90
LED Output	800/825/845 lm
Luminaire Output	610/629/645 lm*
Beam Angle	24/30/36/50 Degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	44
LED Lifetime	50,000 hrs.
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
RFL60D/WH-8LED	8W
RFL60D/BK-8LED	8W



LED Recessed Downlight



TIS RFL74D

Application

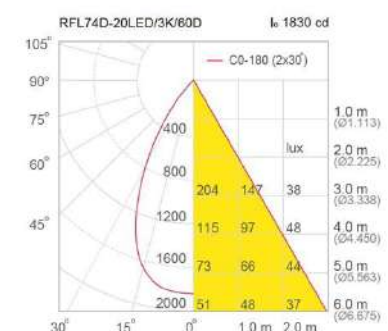
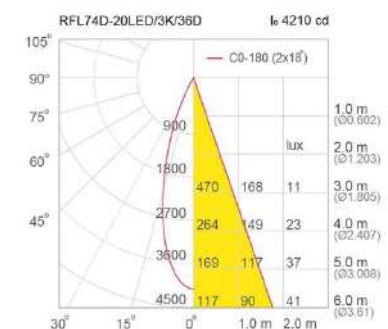
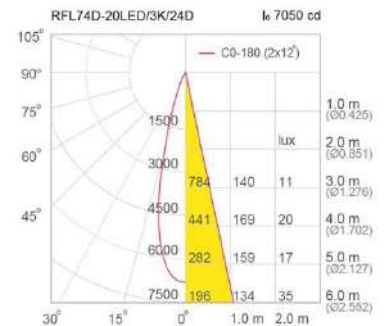
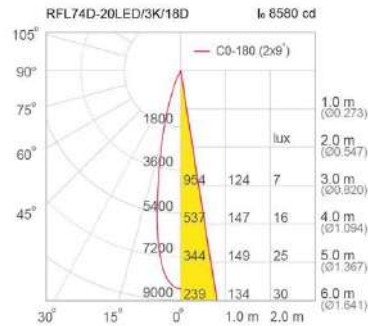
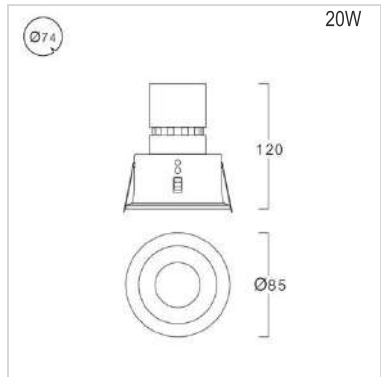
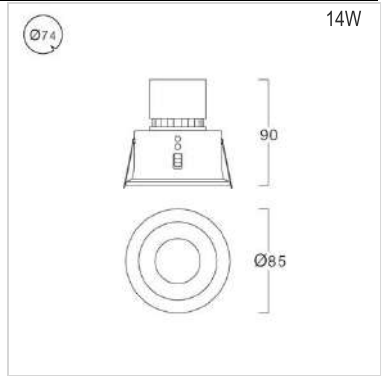
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Diffuser	Clear glass
Mounting	Recessed
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538
Luminaire Output	14W : 941/985/1060 lm* 20W : 1632/1700/1831 lm*
Beam Angle	14W : 15/24/36/60 Degree 20W : 18/24/36/60 Degree
UGR	<19
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	44
Luminaire Lifetime	50,000 hrs.
Remarks	*Value at 36 Degree

Ordering Data

Model	Watt
RFL74D/BK-14LED	14W
RFL74D/WH-14LED	14W
RFL74D/BK-20LED	20W
RFL74D/WH-20LED	20W



LED IP Recessed Downlight



RSFL74D

Application

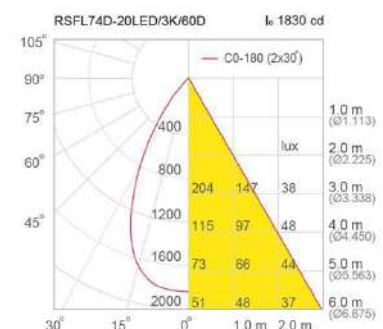
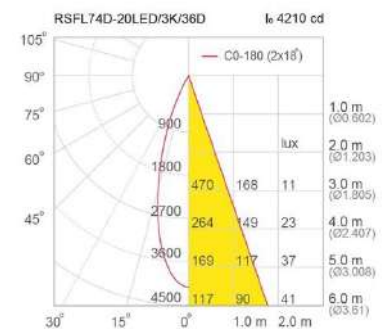
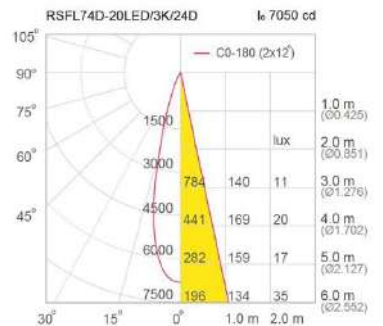
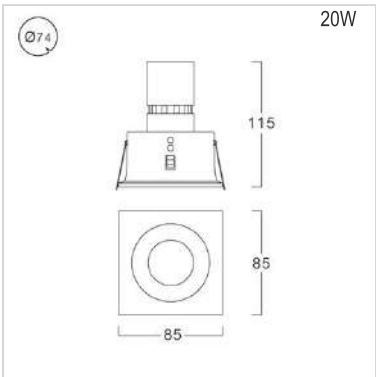
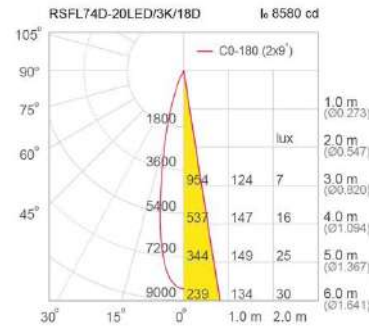
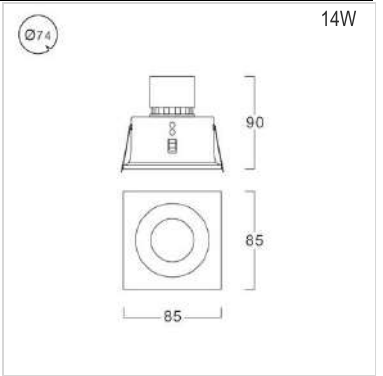
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Diffuser	Clear glass
Mounting	Recessed
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538
Luminaire Output	14W : 941/985/1060 lm* 20W : 1632/1700/1831 lm*
Beam Angle	14W : 15/24/36/60 Degree 20W : 18/24/36/60 Degree
UGR	<19
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	44
Luminaire Lifetime	50,000 hrs.
Remarks	*Value at 36 Degree

Ordering Data

Model	Watt
RSFL74D/BK-14LED	14W
RSFL74D/WH-14LED	14W
RSFL74D/BK-20LED	20W
RSFL74D/WH-20LED	20W



LED IP Recessed Downlight



Application

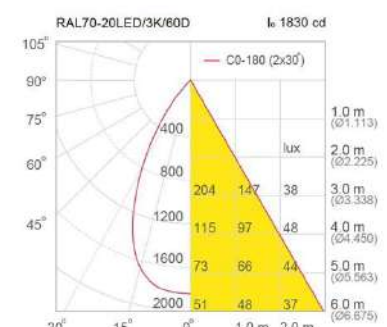
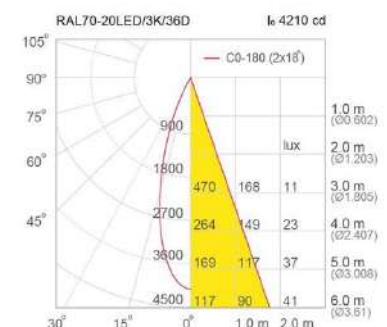
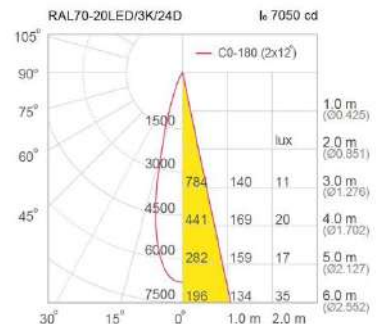
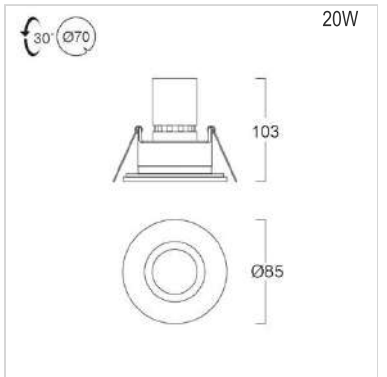
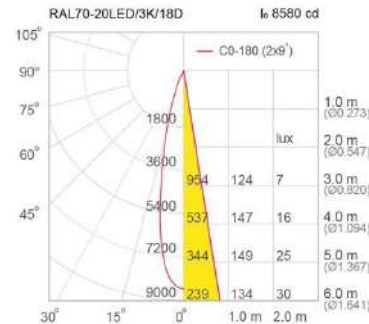
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white / black
Diffuser	Frosted glass
Mounting	Recessed
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1333/1397/1530 lm 20W : 2232/2430/2538
Luminaire Output	14W : 941/985/1060 lm* 20W : 1632/1700/1831 lm*
Beam Angle	14W : 15/24/36/60 Degree 20W : 18/24/36/60 Degree
UGR	<19
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	44
Luminaire Lifetime	50,000 hrs.
Remarks	*Value at 36 Degree

Ordering Data

Model	Watt
RAL70/BK-14LED	14W
RAL70/WH-14LED	14W
RAL70/BK-20LED	20W
RAL70/WH-20LED	20W



LED IP Recessed Downlight

IRDL100

Application

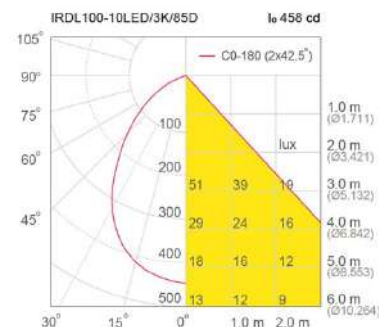
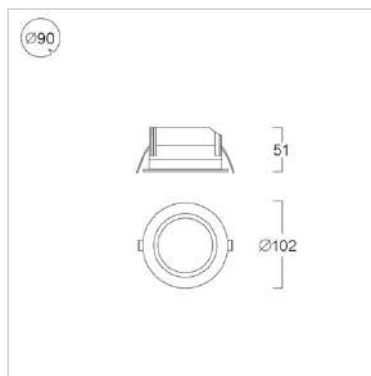
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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
CRI	>80
Luminaire Output	860 lm
Beam Angle	85 Degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.90
Insulation Class	II
IP Rating	65
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
IRDL100/WH-10LED	10W



IRDL130

Application

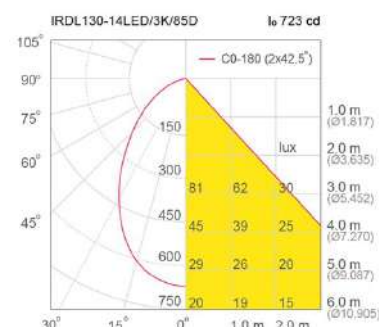
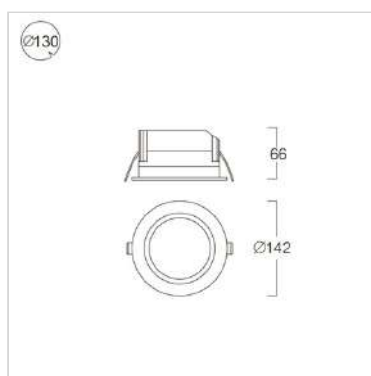
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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
CRI	>80
Luminaire Output	14W : 1400 lm 20W : 2000 lm
Beam Angle	85 Degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.90
Insulation Class	II
IP Rating	65
Luminaire Lifetime	50,000 hrs.

Ordering Data

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



LED IP Recessed Downlight



IRDL170

Application

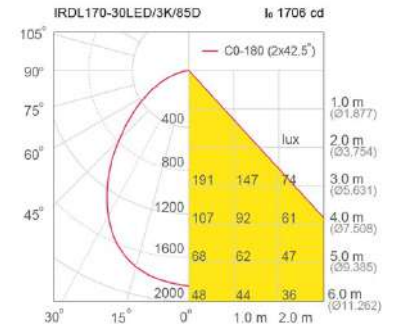
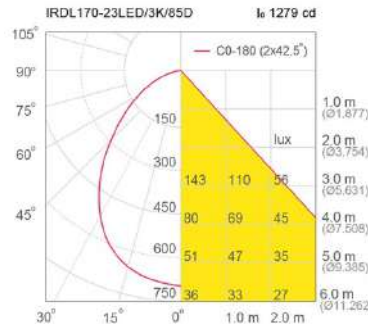
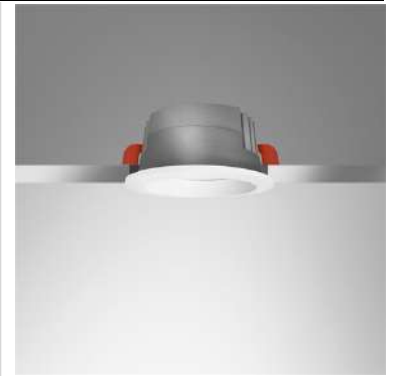
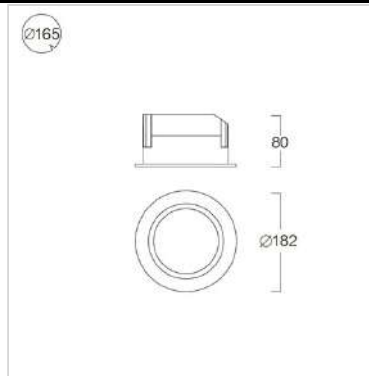
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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
CRI	>80
Luminaire Output	23W : 2300 lm 30W : 3000 lm
Beam Angle	85 Degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.90
Insulation Class	II
IP Rating	65
Luminaire Lifetime	50,000 hrs.

Ordering Data

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



IRDL210

Application

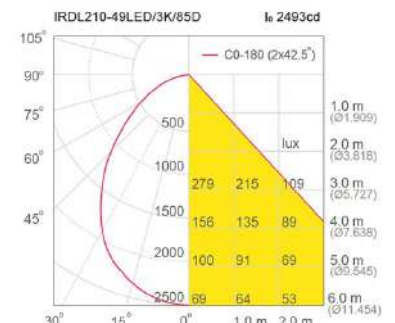
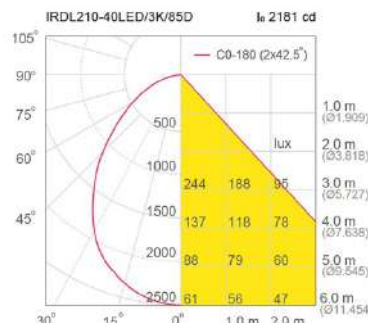
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

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
CRI	>80
Luminaire Output	40W : 4400 lm 49W : 5390 lm
Beam Angle	85 Degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.90
Insulation Class	II
IP Rating	65
Luminaire Lifetime	50,000 hrs.

Ordering Data

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



IRDL55

Application

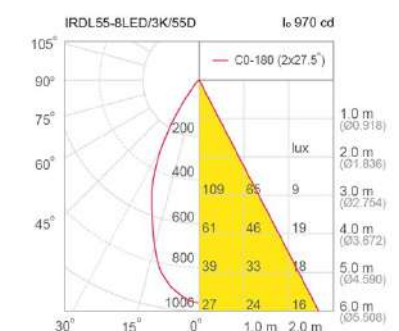
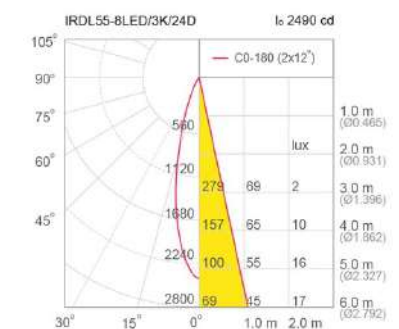
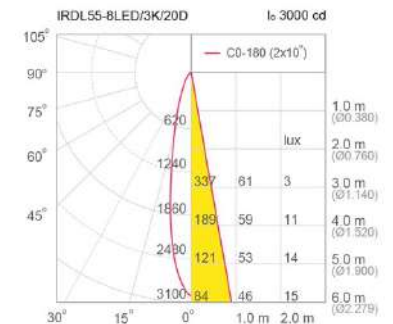
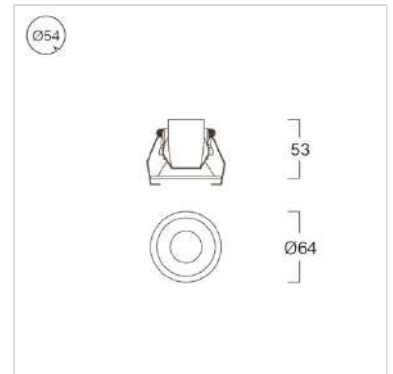
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white/Silver
Mounting	Recessed
Power	8W
Light Source	LED-COB
Colour Temperature	3000/4000K
CRI	>80
LED Output	992/1071 lm
Luminaire Output	608/650 lm
Beam Angle	20/24/55 degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.90
Insulation Class	II
IP Rating	65
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
IRDL55/WH-8LED	8W



IRDL95

Application

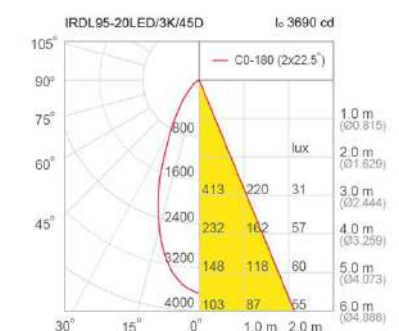
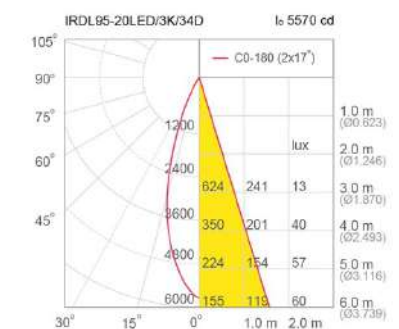
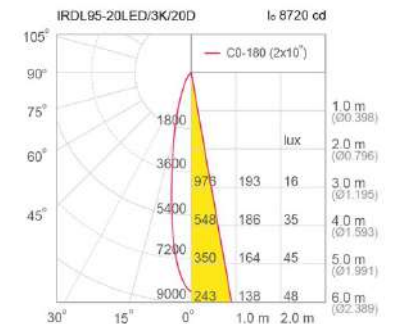
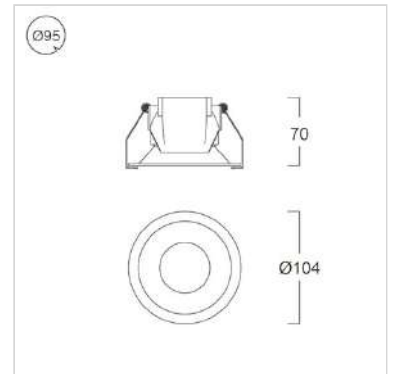
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white/Silver
Mounting	Recessed
Power	14/20W
Light Source	LED-COB
Colour Temperature	3000/4000K
CRI	>80
LED Output	14W : 1610/1620 lm 20W : 2210/2215 lm
Luminaire Output	14W : 1442/1542 lm 20W : 2060/2204 lm
Beam Angle	20/34/45 degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.90
Insulation Class	II
IP Rating	65
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
IRDL95/WH-14LED	14W
IRDL95/WH-20LED	20W



IRDL115

Application

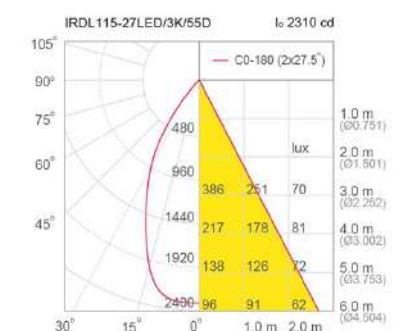
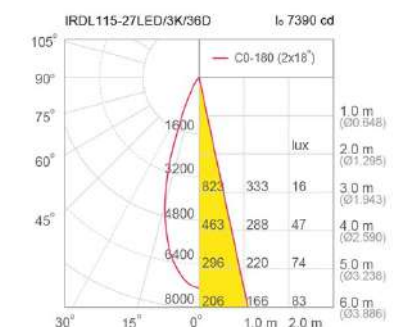
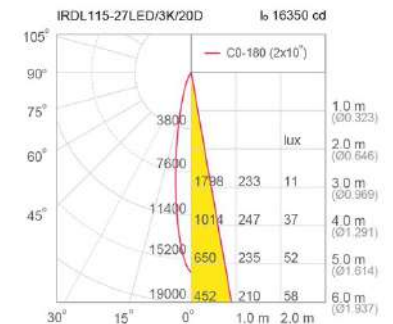
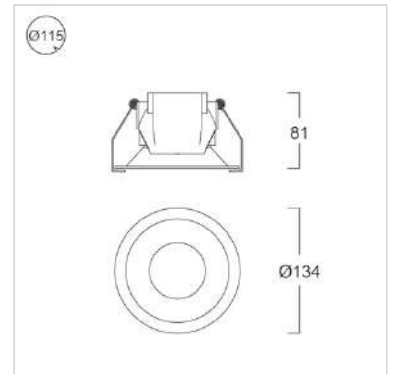
Recessed downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreation centers, museums, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white/Silver
Mounting	Recessed
Power	23/27W
Light Source	LED-COB
Colour Temperature	3000/4000K
CRI	>80
LED Output	23W : 2635/2845 lm 27W : 3065/3300 lm
Luminaire Output	23W : 2254/2411 lm 27W : 2646/2831 lm
Beam Angle	20/36/55 degree
Control Gear	Separate driver
Control	DIM PHASE/0-10V/DALI-2 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.90
Insulation Class	II
IP Rating	65
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
IRDL115/WH-23LED	23W
IRDL115/WH-27LED	27W





Indoor Lighting

Surface Downlight

Indoor Lighting (Downlights)

Surface Downlight Luminaires



SAM97 (4-8W)

(8-16W)



SAP97 (4-7W)

(8-14W)



ESDL100 (10/14W)



ESDL100S (12W)



ESDL150 (14/20W)



ESDL150S (20W)



ESDL200 (20-27W)



ESDL200S (23W)



SAL97 (14W)



(28W)



SAL102K (14-23W)



SAL135K (18-35W)



SDL65K (10-18W)



SDL80K (14-23W)

Indoor Lighting (Downlights)

Surface Downlight Luminaires



SDL100K (23/27W)



SDL91 (10W)



SDL111 (14/20W)



SDL131 (14-23W)



SDL169 (30-40W)



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)



SSAL102K (14-23W)



SSAL115E (14-30W)



(28-60W)



SSAL150E (23-40W)



(46-80W)

Indoor Lighting (Downlights)

IP Surface Downlight Luminaires



ISDP90 (4-7W)



ISDP108 (5.5-6W)



ISDP146 (9-10W)



ISSP120 (9-10W)



ISDL1215 (14/20W)



ISDL1010 (10W)



ISSL1010 (10W)



ISDL1515 (23/30W)



ISSL1515 (23/30W)



ISDL2020 (40/44W)



ISSWL1526 (23W)

LED Surface Downlight



TIS SAM97

Application

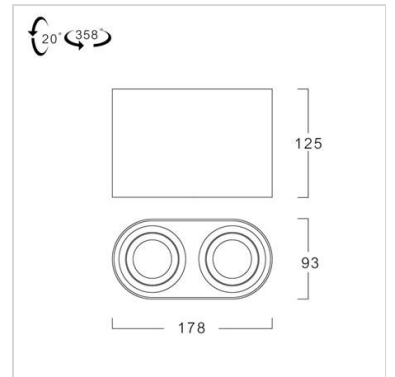
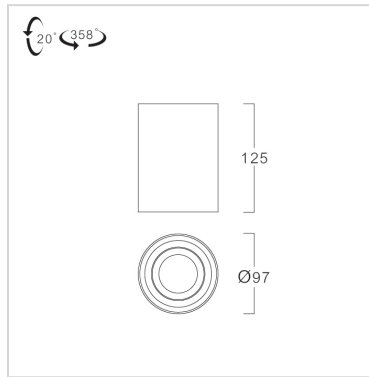
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

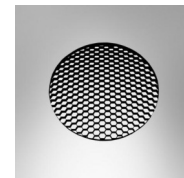
Housing	Die-cast aluminium lamp cover and extruded aluminium
Finishing	Powder Coated in white / black
Mounting	Surface
Power	1x4-8W (1 lamp) 2x8-16W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GU5.3
Colour Temperature	2700/3000/4000/6500K
CRI	>80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 6.5W : 2700/3000/4000K : 550 lm
Control Gear	Built-in electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.5
Insulation Class	I
IP Rating	20
Lamp Lifetime	6W : 15,000 hrs. 6.5W : 50,000 hrs.

Ordering Data

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



Accessories



Honey comb



Filter

TIS SAP97

Application

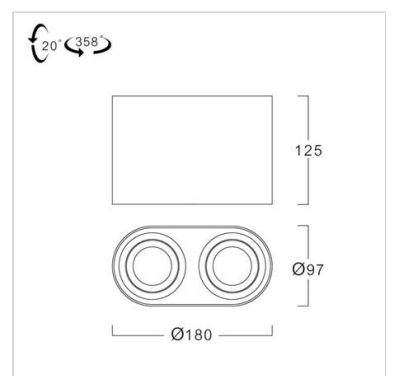
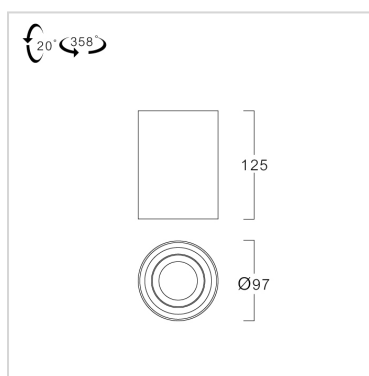
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

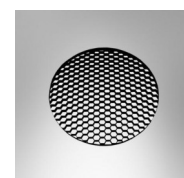
Housing	Die-cast aluminium lamp cover and extruded aluminium
Finishing	Powder Coated in white / black
Mounting	Surface
Power	1x4-7W (1 lamp) 2x4-7W (2 lamps)
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700/3000/4000K
CRI	>80
Lamp Output	6.5W : 2700/3000/4000K : >580 lm 7W : 3000/4000K : 670 lm
Power Supply	6.5W : 220-240VAC, 50Hz 7W : 220VAC, 50Hz
Power Factor	>0.5
Insulation Class	I
IP Rating	20
Luminaire Lifetime	6.5W : 50,000 hrs. 7W : 15,000 hrs.

Ordering Data

Model	Watt
SAP97/WH-XXLED-PAR16	4-7W
SAP97/WH-2xXXLED-PAR16	8-14W



Accessories



Honey comb



Filter

LED Surface Downlight



ESDL100

Application

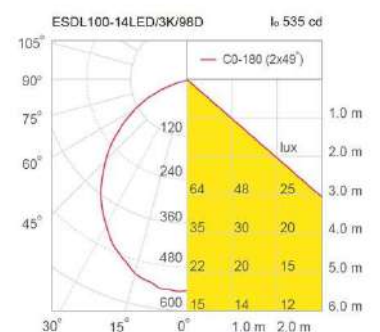
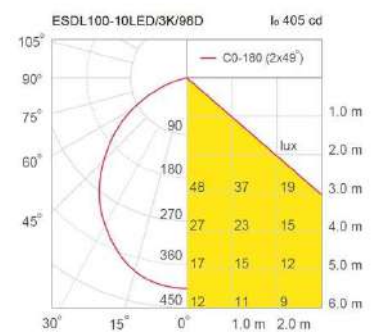
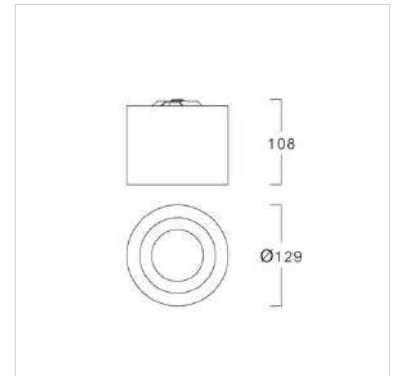
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

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 (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

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



LED Surface Downlight



ESDL100S

Application

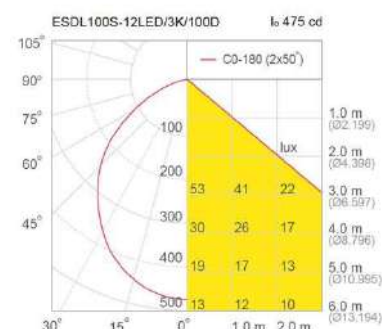
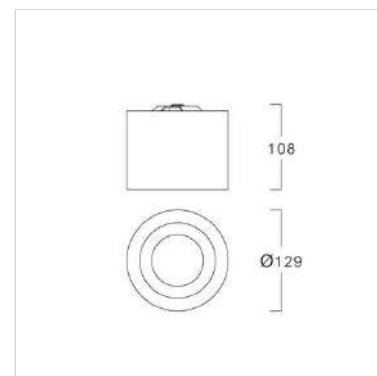
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white or black
Diffuser	Polycarbonate (PC)
Mounting	Surface
Power	12W
Light Source	LED-SMD
Colour Temperature	3000/3500/4000/6500K
CRI	>80
LED Output	12W : 1440/1440/1560/1560 lm
Luminaire Output	12W : 1067/1067/1155/1155 lm
Beam Angle	100 degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
ESDL100S/WH-12LED	12W



LED Surface Downlight



ESDL150

Application

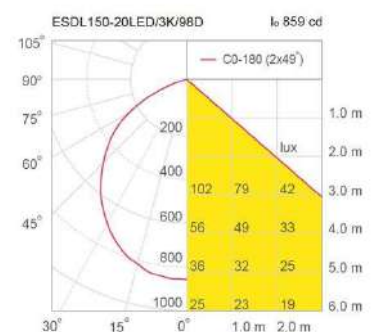
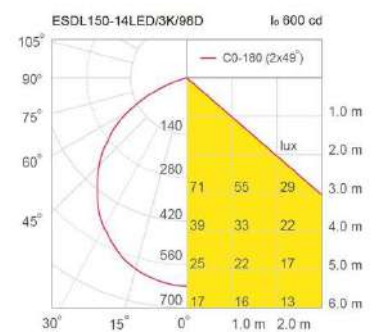
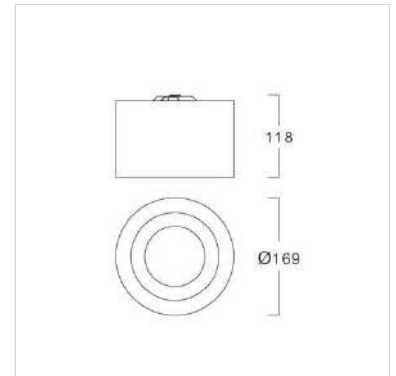
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

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 (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1540/1660/1805 lm 20W : 2200/2370/2575 lm
Luminaire Output	14W : 1361/1470/1592 lm 20W : 1954/2110/2286 lm
Beam Angle	98 degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

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



LED Surface Downlight



ESDL150S

Application

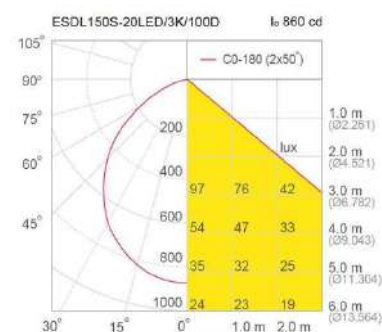
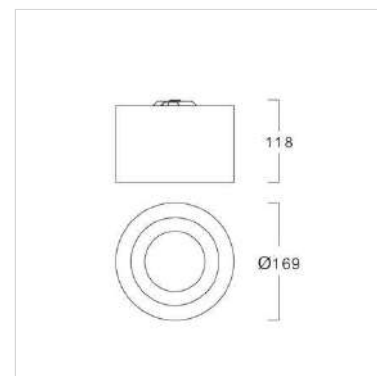
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white or black
Diffuser	Polycarbonate (PC)
Mounting	Surface
Power	20W
Light Source	LED-MODULE
Colour Temperature	3000/3500/4000/6500K
CRI	>80
LED Output	20W : 2400/2400/2600/2600 lm
Luminaire Output	20W : 1948/1948/2110/2110 lm
Beam Angle	100 degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
ESDL150S/WH-20LED	20W



LED Surface Downlight



ESDL200

Application

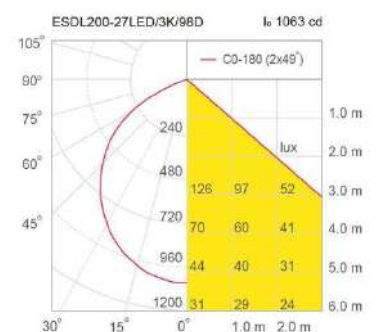
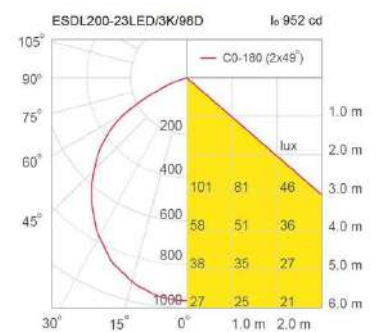
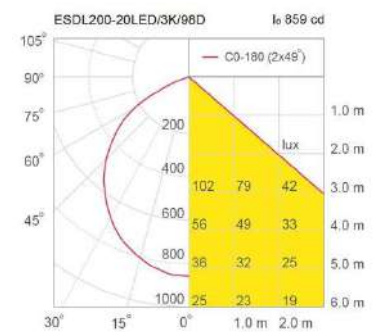
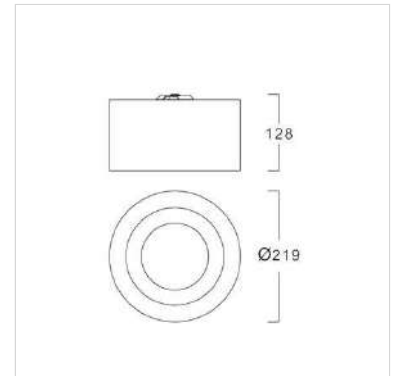
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

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 (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

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



LED Surface Downlight



ESDL200S

Application

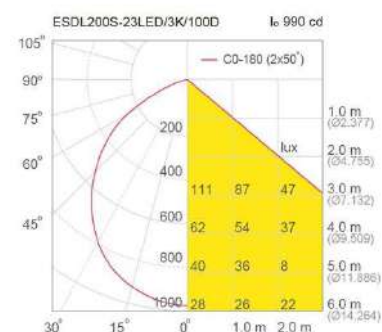
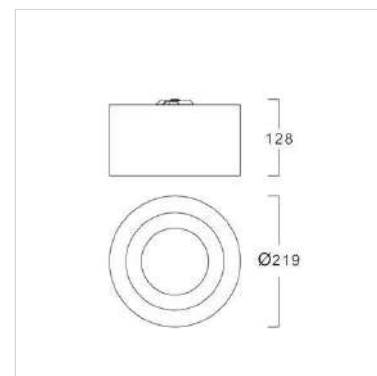
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	High purity Aluminium die-formed
Finishing	Powder coated in white or black
Diffuser	Polycarbonate (PC)
Mounting	surface
Power	23W
Light Source	LED-MODULE
Colour Temperature	3000/3500/4000/6500K
CRI	>80
LED Output	23W : 2760/2760/2990/2990 lm
Luminaire Output	23W : 2159/2159/2338/2338 lm
Beam Angle	100 degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
ESDL200S/WH-23LED	23W



LED Surface Downlight



SAL97

Application

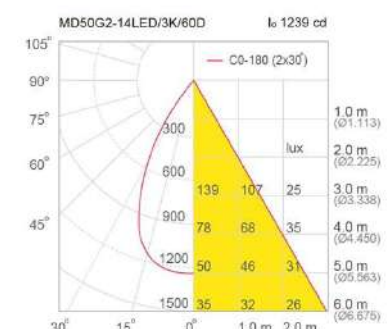
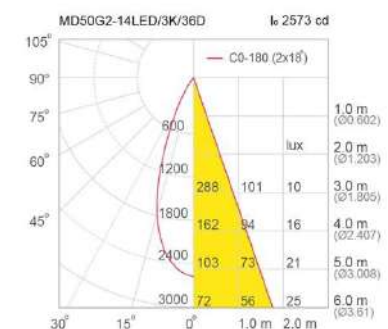
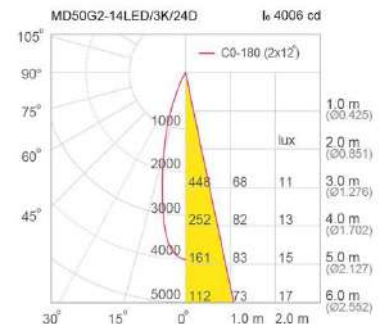
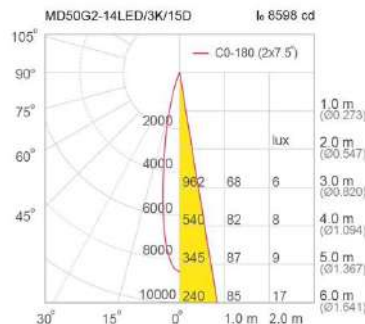
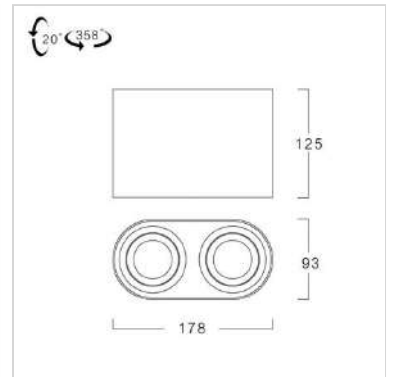
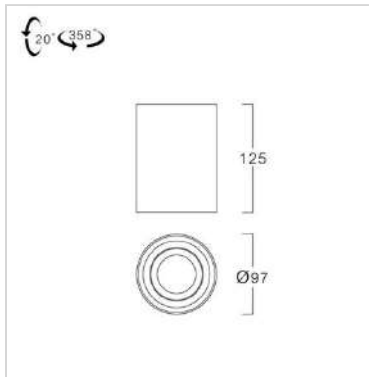
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

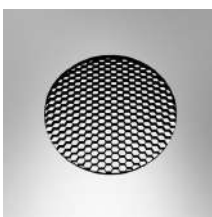
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Surface
Power	1 lamp : 14W 2 lamps : 28W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	1333/1397/1530 lm
Luminaire Output	1046/1096/1200 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
SAL97/BK-14LED	14W
SAL97/WH-14LED	14W
SAL97/BK-2x14LED	28W
SAL97/WH-2x14LED	28W



Accessories



Honey comb

LED Surface Downlight



SAL102K

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.

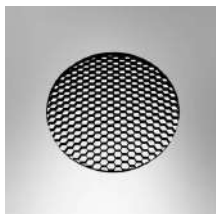
Specification

Housing	Die-cast 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 or black
Mounting	Surface
Power	14/20/23W
Light Source	LED COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1540/1540/1660 lm 20W : 2220/2200/2370 lm 23W : 2635/2635/2845 lm
Luminaire Output	14W : 1425/1425/1520 lm * 20W : 2015/2015/2155 lm * 23W : 2360/2360/2525 lm *
Beam Angle	14W : 10/15/26/32/45/55 Degree 20/23W : 26/32/45/55 Degree
UGR	<19
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	* Value at 45 degree

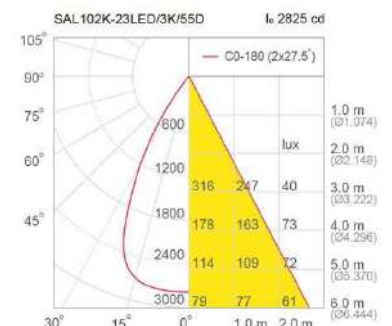
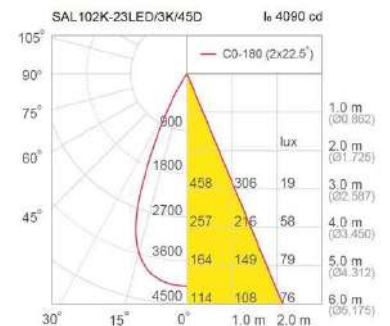
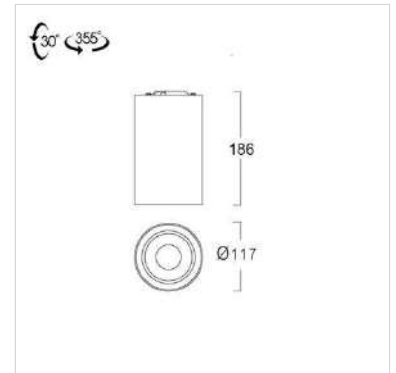
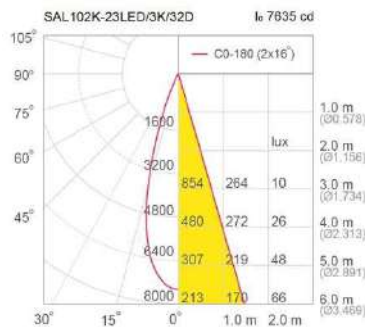
Ordering Data

Model	Watt
SAL102K/MI/WH-14LED	14W
SAL102K/MI/WH-20LED	20W
SAL102K/MI/WH-23LED	23W

Accessories



Honey comb



LED Surface Downlight



SDL65K

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	10/14/18W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)

CRI

LED Output

Luminaire Output

Beam Angle

Control Gear

Control

Power Supply

Power Factor

Insulation Class

IP Rating

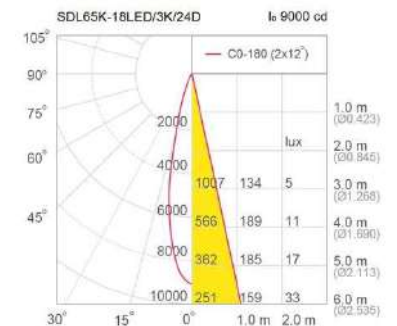
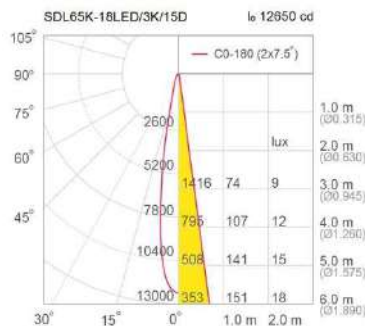
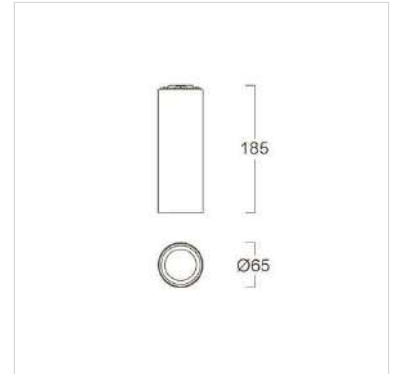
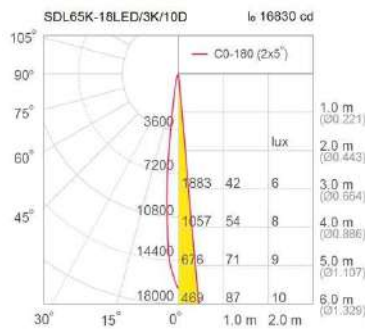
Luminaire Lifetime

Remarks

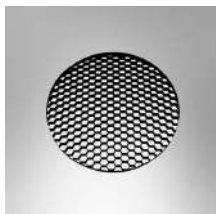
Die-cast and extruded aluminium
Powder coated in white or black
Surface
10/14/18W
LED-COB
3000/4000/5000K
(2700/3500/6500/2700-6000K as optional)
>90/ >90/ >80
10W : 1120/1215/1290 lm
14W : 1540/1660/1805 lm
18W : 2062/2226/2418 lm
10W : 1001/1081/1151 lm*
14W : 1390/1501/1626 lm*
18W : 1733/1872/2028 lm*
10/15/24/36/60 Degree
Built-in driver
DIM PHASE/0-10V/DALI-2
/DALI-2 DT8 (optional)
220-240VAC, 50Hz
>0.9
I
20
50,000 hrs.
* Value at 24 Degree

Ordering Data

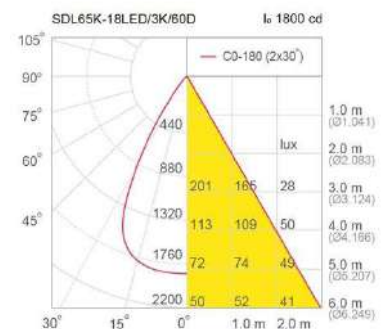
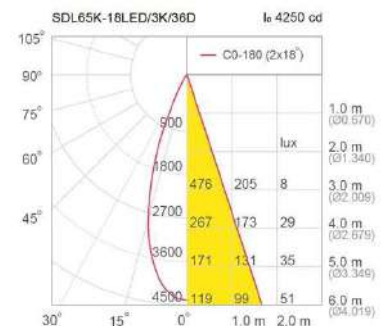
Model	Watt
SDL65K/WH-10LED	10W
SDL65K/WH-14LED	14W
SDL65K/WH-18LED	18W



Accessories



Honey Comb



LED Surface Downlight



SDL80K

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.

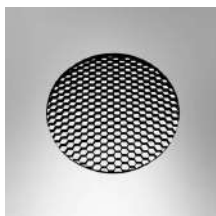
Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	14/18/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1540/1660/1805 lm 18W : 2062/2226/2418 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1377/1487/1611 lm* 18W : 1709/1846/2000 lm* 20W : 1936/2091/2265 lm** 23W : 2305/2490/2697 lm**
Beam Angle	14/18W : 10/15/20/36/50 Degree 20/23W : 20/26/38/50 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	* Value at 36 Degree ** Value at 38 Degree

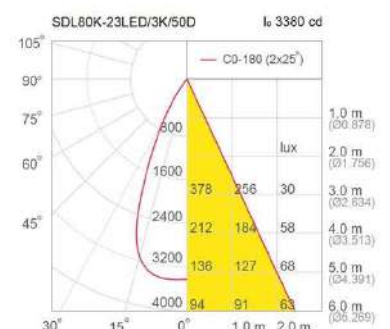
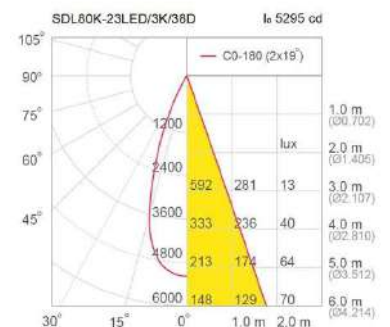
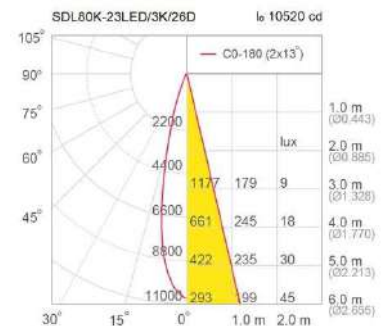
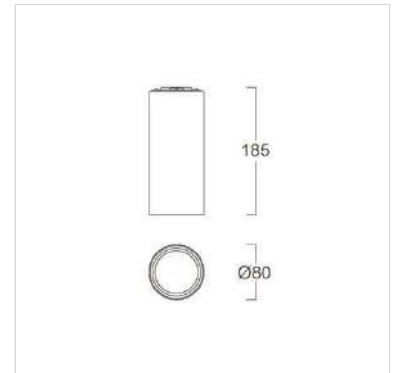
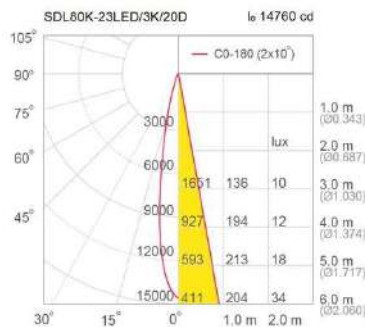
Ordering Data

Model	Watt
SDL80K/WH-14LED	14W
SDL80K/WH-18LED	18W
SDL80K/WH-20LED	20W
SDL80K/WH-23LED	23W

Accessories



Honey Comb



LED Surface Downlight



SDL100K

Application

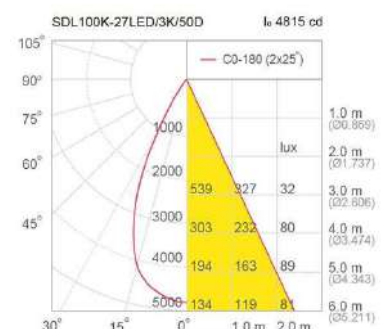
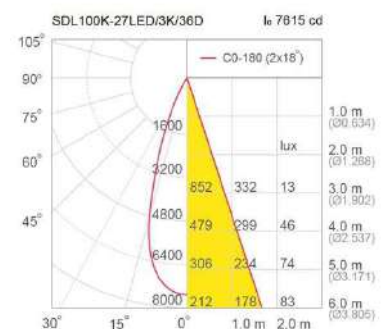
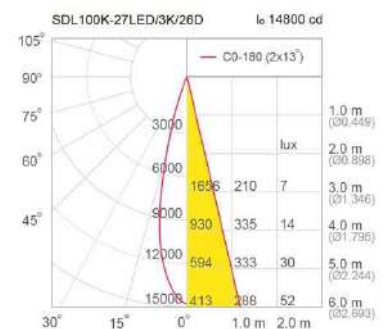
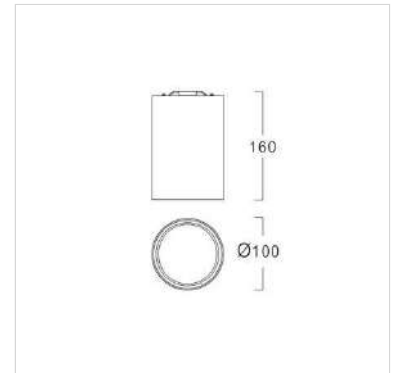
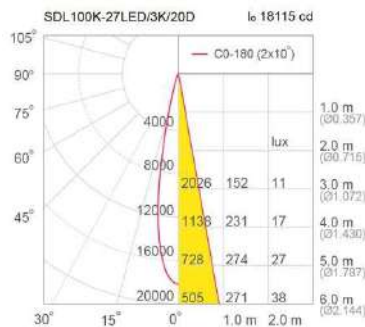
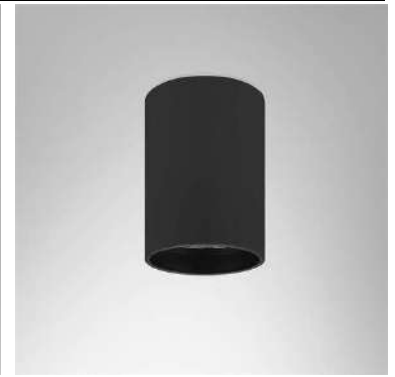
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

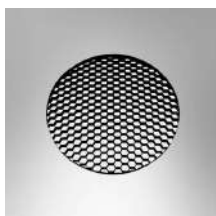
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	23/27W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	23W : 2635/2845/3090 lm 27W : 3065/3300/3515 lm
Luminaire Output	23W : 2491/2690/2915 lm* 27W : 2847/3046/3275 lm*
Beam Angle	20/26/36/50 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	* Value at 26 Degree

Ordering Data

Model	Watt
SDL100K/WH-23LED	23W
SDL100K/WH-27LED	27W



Accessories



Honey Comb

LED Surface Downlight



SDL91

Application

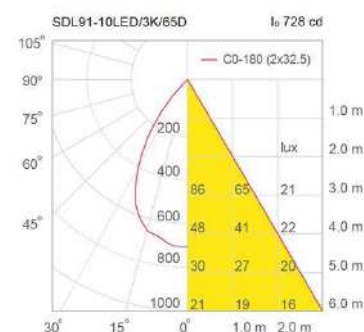
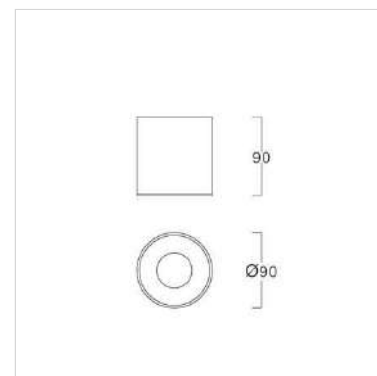
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

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 2700/3500/6500/2700-6000K as optional
CRI	>90/ >90/ >80
LED Output	10W : 1120/1215/1290 lm
Luminaire Output	10W : 764/825/894 lm
Beam Angle	65 degree
UGR	<19
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
SDL91/WH-10LED	10W



LED Surface Downlight



SDL111

Application

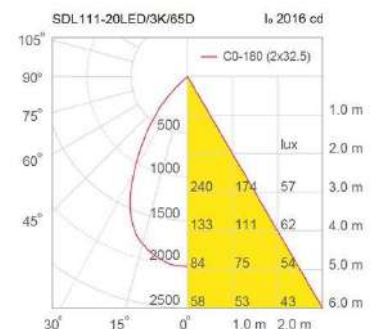
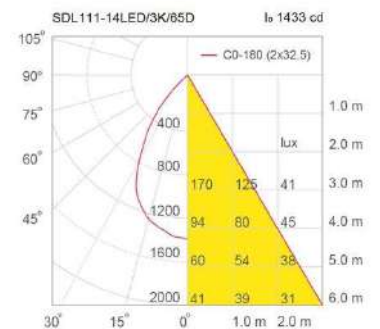
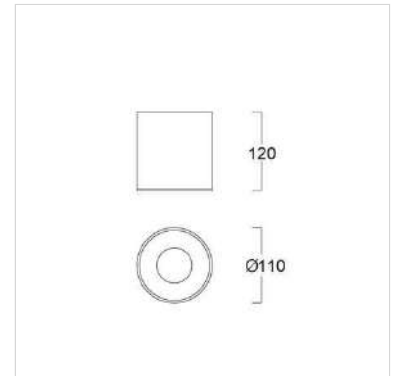
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

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 2700/3500/6500/2700-6000K as optional
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

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



LED Surface Downlight



SDL131

Application

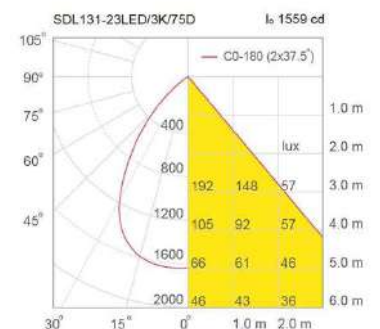
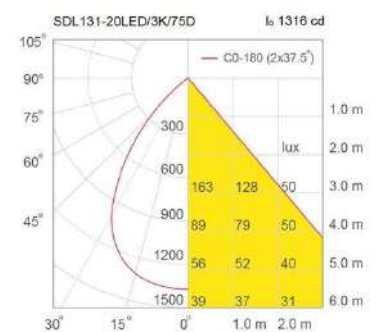
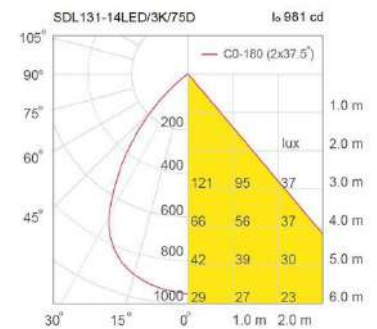
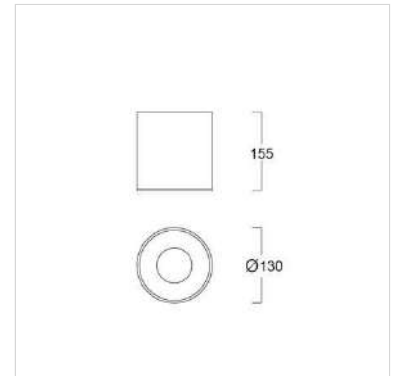
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

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 (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

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



LED Surface Downlight



SDL169

Application

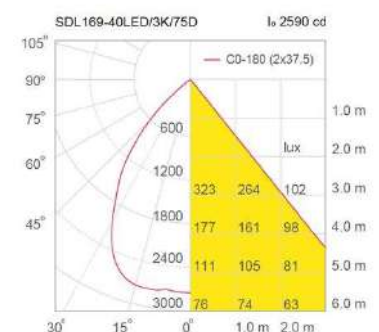
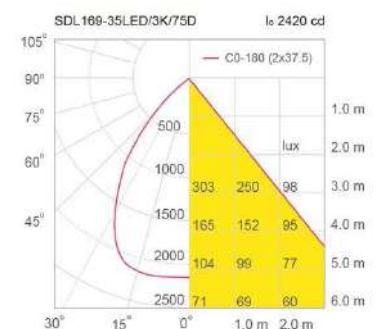
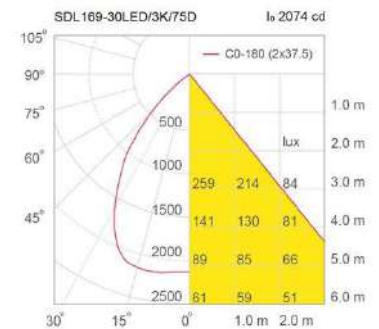
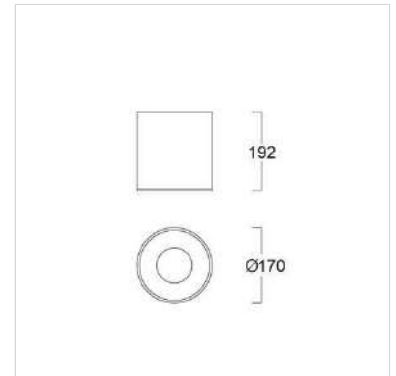
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

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 (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

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



LED Surface Downlight



SDL193

Application

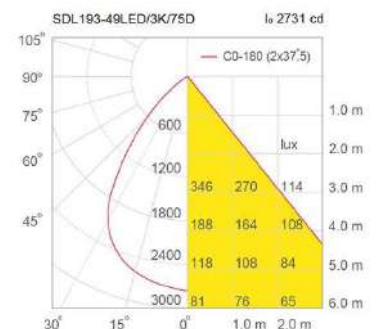
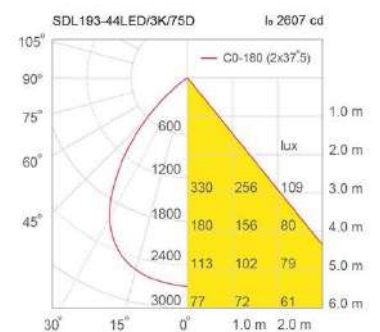
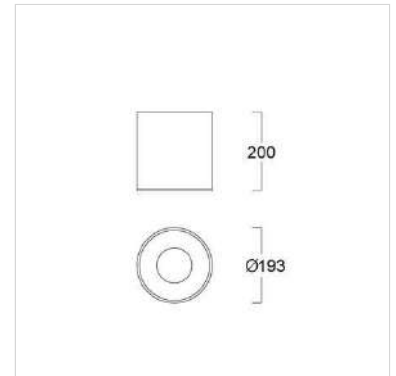
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-formed aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	49W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

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



LED Surface Downlight



TIS SAL115E

Application

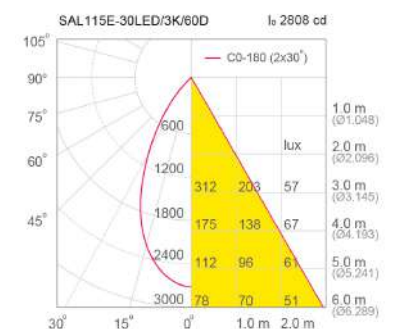
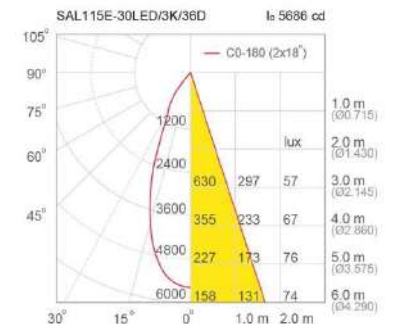
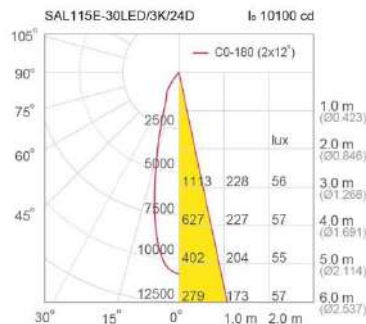
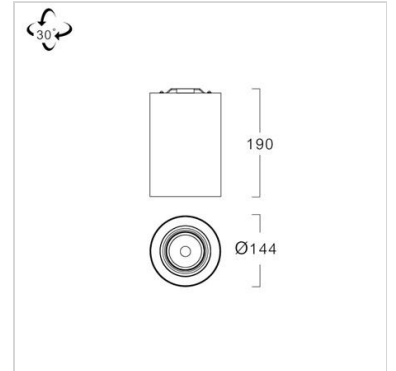
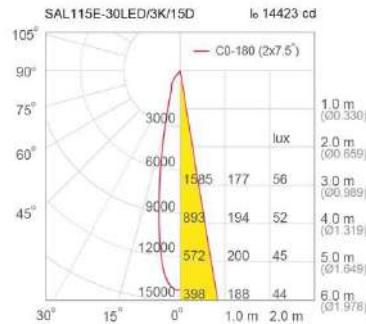
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Printed steel frame and Die-cast aluminium lamp cover
Finishing	Powder coated in white / black
Mounting	Surface
Power	14/20/23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
SAL115E/WH-14LED	14W
SAL115E/BK-14LED	14W
SAL115E/WH-20LED	20W
SAL115E/BK-20LED	20W
SAL115E/WH-23LED	23W
SAL115E/BK-23LED	23W
SAL115E/WH-30LED	30W
SAL115E/BK-30LED	30W



Accessories



Honey comb

Hood

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.

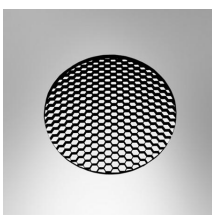
Specification

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 (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs
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

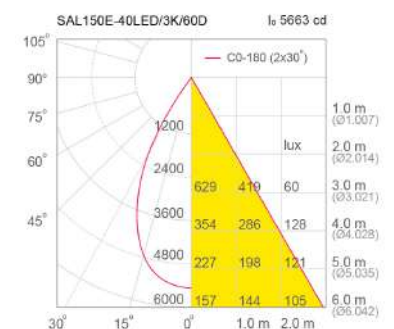
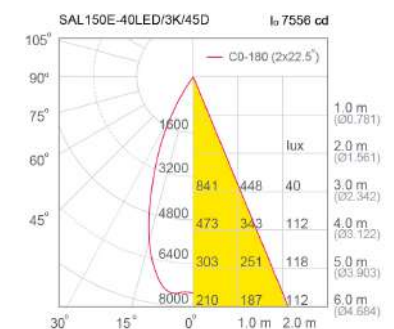
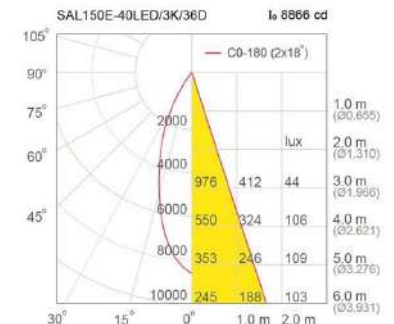
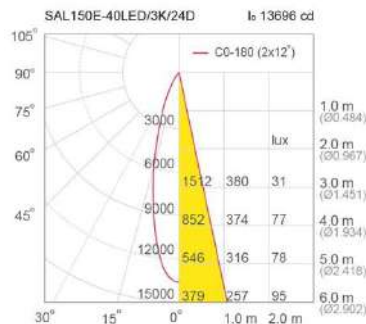
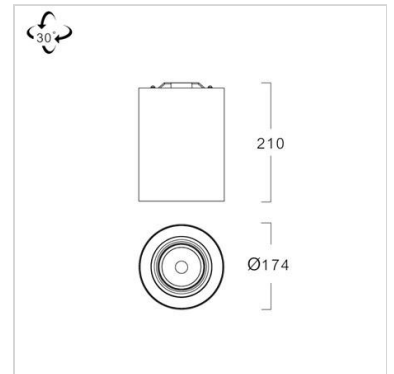
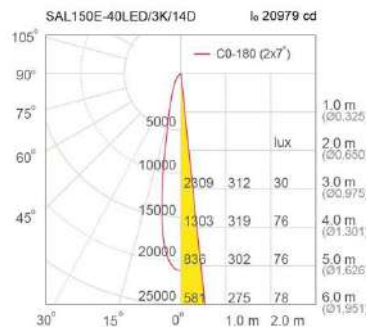
Accessories



Honey comb



Hood



LED Surface Square/Multi Downlight



SSAM97

Application

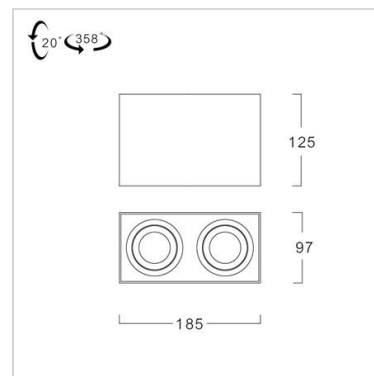
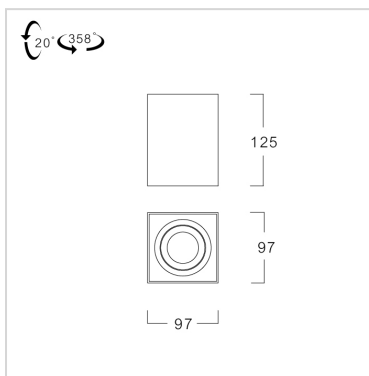
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

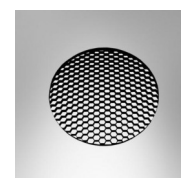
Housing	Die-cast aluminium lamp cover and extruded aluminium
Finishing	Powder Coated in white / black
Mounting	Surface
Power	1x4-8W (1 lamp) 2x8-16W (2 lamps)
Light Source	LED-MR16
Lamp Holder	GU5.3
Colour Temperature	2700/3000/4000/6500K
CRI	>80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 6.5W : 2700/3000/4000K : 550 lm 7W : 3000K : 600 lm
Control Gear	Built-in electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.5
Insulation Class	I
IP Rating	20
Lamp Lifetime	6W : 15,000 hrs. 7W : 25,000 hrs

Ordering Data

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



Accessories



Honey comb



Filter

SSAP97

Application

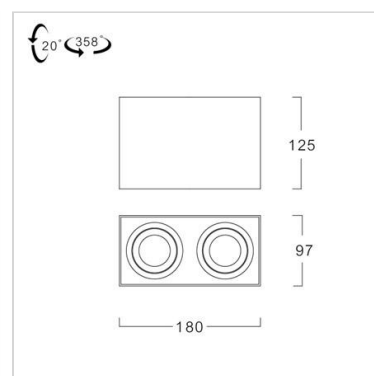
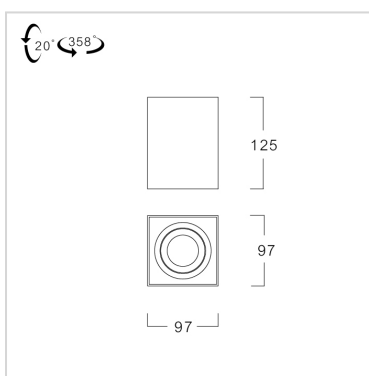
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

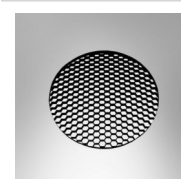
Housing	Die-cast aluminium lamp cover and extruded aluminium
Finishing	Powder Coated in white / black
Mounting	Surface
Power	1x4-7W (1 lamp) 2x4-7W (2 lamps)
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700/3000/4000K
CRI	>80
Lamp Output	6.5W : 2700/3000/4000K : >580 lm 7W : 3000/4000K : 670 lm 7W : 3000/4000K : 620 lm
Power Supply	6.5W : 220-240VAC, 50Hz 7W : 220VAC, 50Hz
Power Factor	>0.5
Insulation Class	I
IP Rating	20
Luminaire Lifetime	6.5W : 50,000 hrs. 7W : 15,000 hrs.

Ordering Data

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



Accessories



Honey comb



Filter

LED Surface Square/Multi Downlight



SSAL97

Application

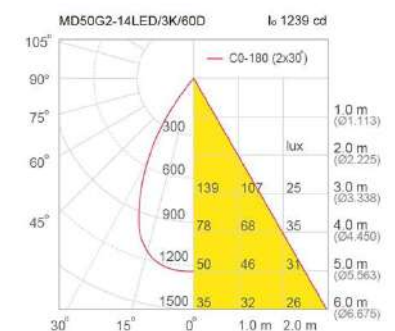
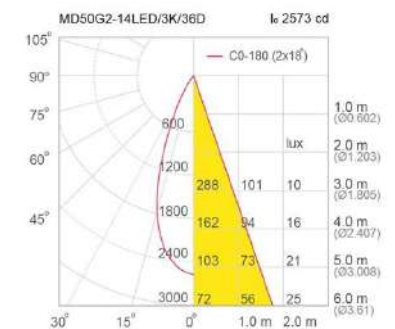
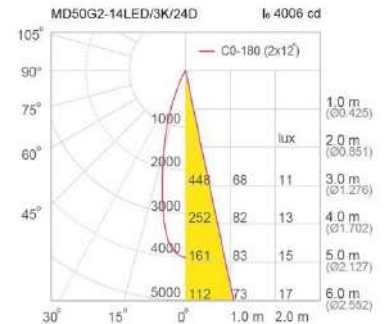
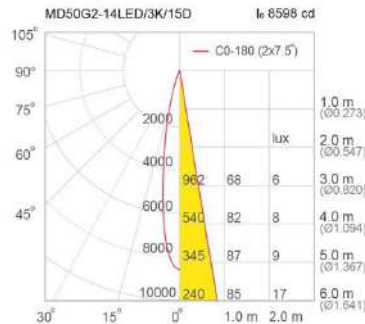
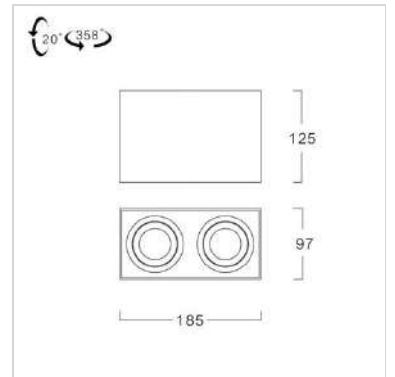
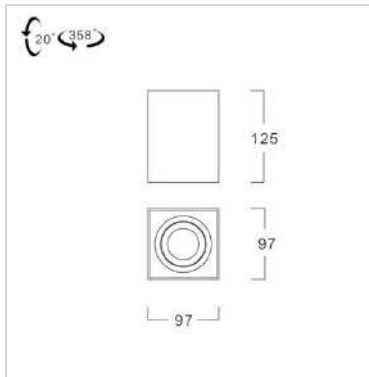
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

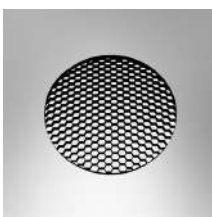
Housing	Die-cast aluminium
Finishing	Powder coated in white / black
Mounting	Surface
Power	1 lamp : 14W 2 lamps : 28W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	1333/1397/1530 lm
Luminaire Output	1046/1096/1200 lm*
Beam Angle	15/24/36/60 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	*Value at 24 Degree

Ordering Data

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



Accessories



Honey comb



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 Description	Die-cast aluminum
	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)
Finishing	MB (front reflector mirror black)
	MI (front reflector mirror chrome)
	Powder coated in white or black

Finishing

Mounting

Power

Light Source

Colour Temperature

(2700/3500/6500/2700-6000K as optional)

CRI

LED Output 14W : 1540/1540/1660 lm

Luminaire Output

20W : 2015/2015/2155 lm *

Beam Angle

20/23W : 26/32/45/55 Degree

UGR

Control Gear	Built-in driver
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Control

/DAI-2 DT8 (optional)

Power Supply

Power Factor	>0.9
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Insulation Class

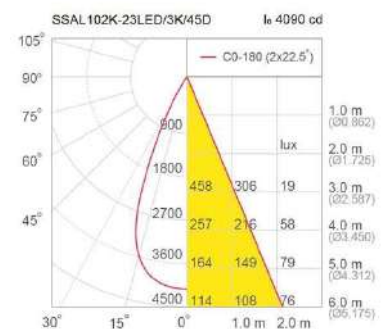
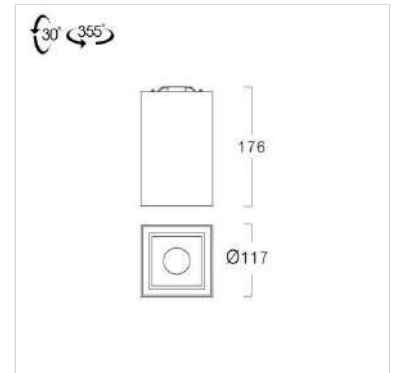
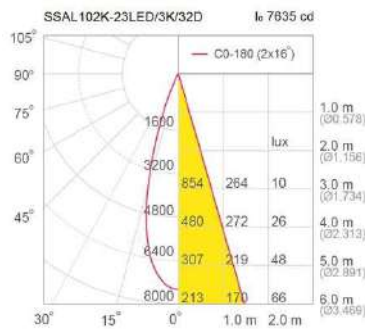
IP Rating 20

Luminaire Lifetime

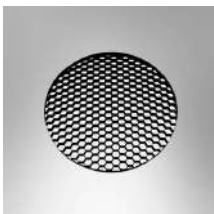
Remarks	* Value at 45 degree
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Ordering Data

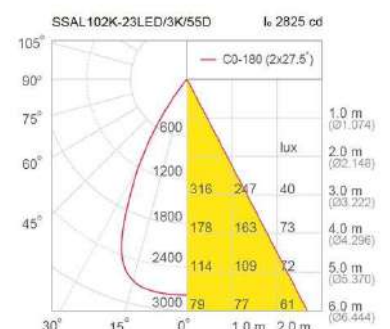
Model	Watt
SSAL102K/MI/WH-14LED	14W
SSAL102K/MI/WH-20LED	20W
SSAL102K/MI/WH-23LED	23W



Accessories



Honey Comb



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 (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	*Value at 24 Degree

Ordering Data

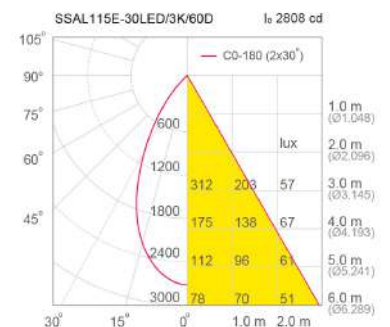
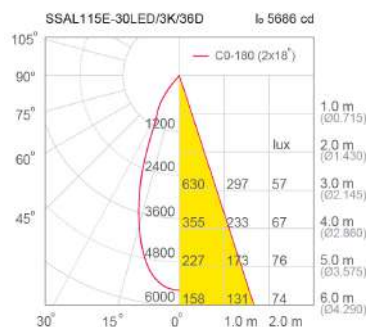
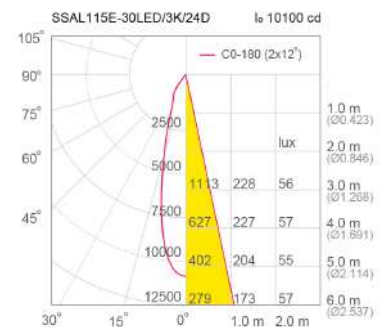
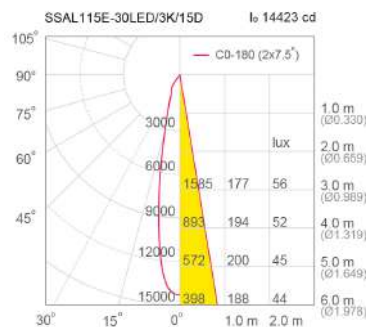
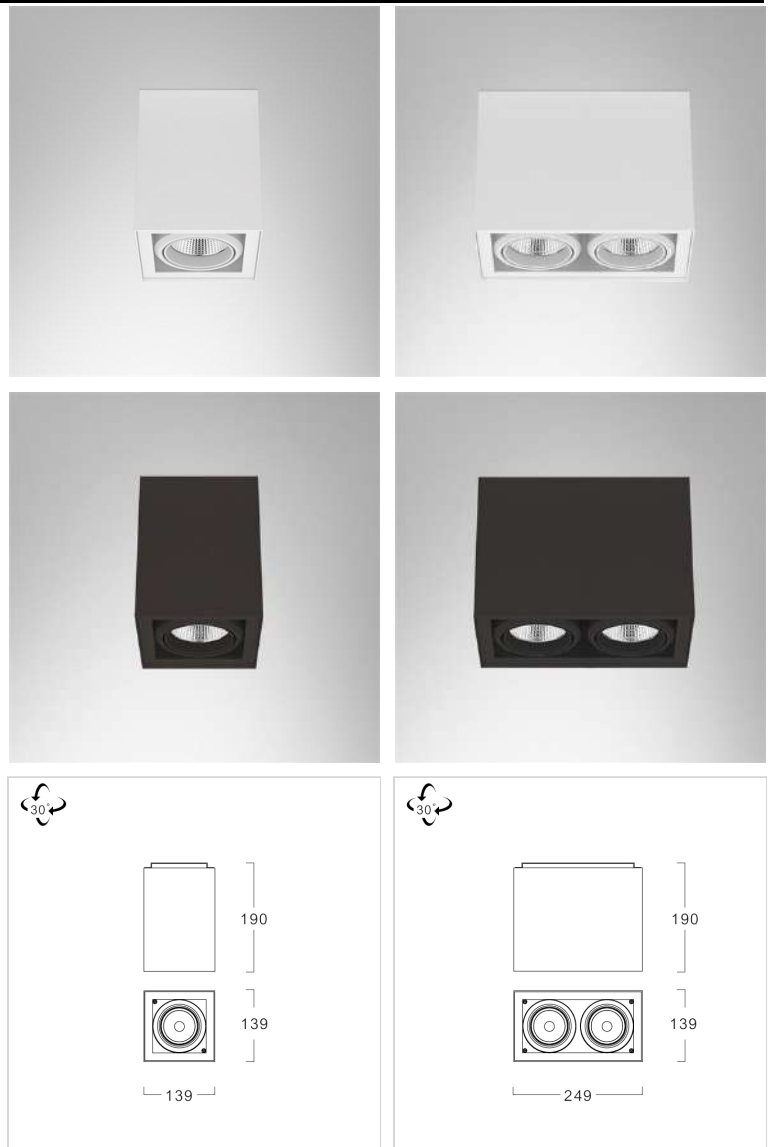
Model	Watt
SSAL115E/WH-1x14LED	14W
SSAL115E/WH-1x20LED	20W
SSAL115E/WH-1x23LED	23W
SSAL115E/WH-2x14LED	28W
SSAL115E/WH-1x30LED	30W
SSAL115E/WH-2x20LED	40W
SSAL115E/WH-2x23LED	46W
SSAL115E/WH-2x30LED	60W

Accessories



Honey comb

Hood



LED Surface Square/Multi Downlight



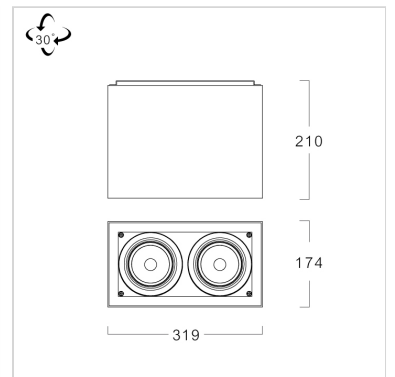
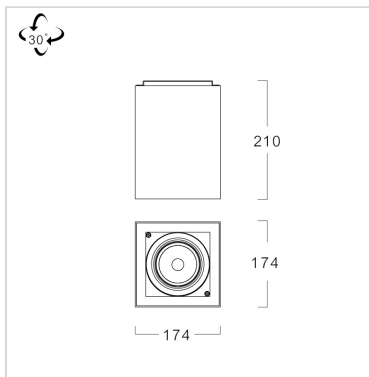
TIS SSAL150E

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.

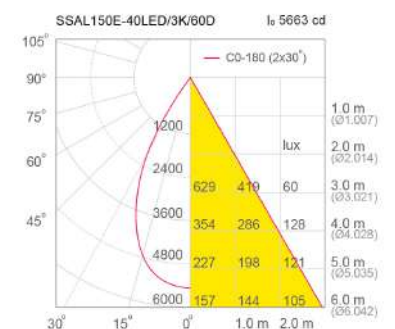
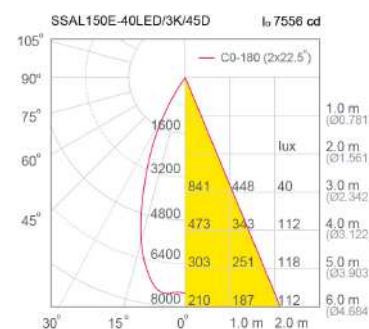
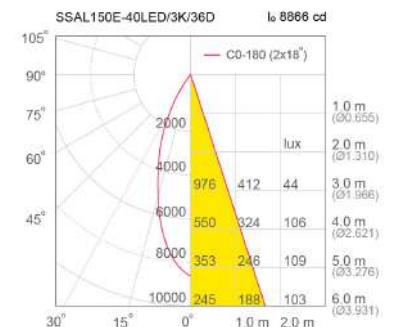
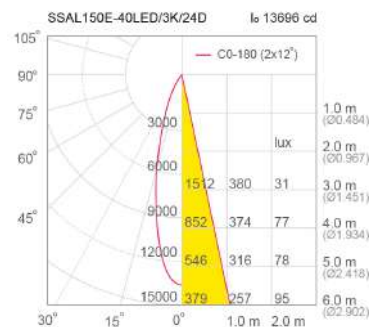
Specification

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 (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
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



Accessories



Honey comb

Hood

LED Surface Downlight



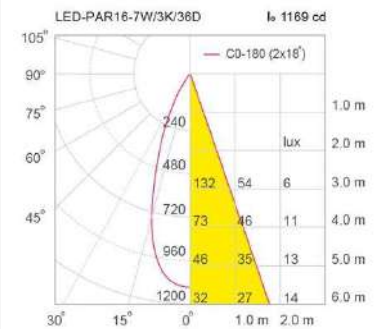
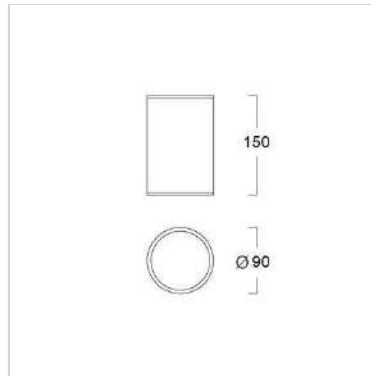
ISDP90

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	2700/3000/4000K
CRI	>80
Lamp Output	6.5W : 270/3000/4000K : >580 lm 7W : 3000/4000K : 670 lm
Power Supply	6.5W : 220-240VAC, 50Hz 7W : 220VAC, 50Hz
Power Factor	N/A
Insulation Class	I
IP Rating	55
LED Lifetime	6.5W : 50,000 hrs. 7W : 15,000 hrs.
Remarks	Install on ceiling only



Ordering Data

Model	Watt
ISDP90/BK-XXLED-PAR16	4-7W
ISDP90/WH-XXLED-PAR16	4-7W

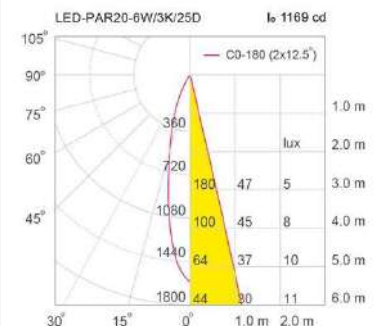
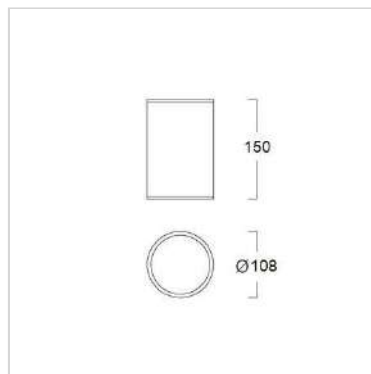
ISDP108

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	LED-PAR20 : 5.5-6W LED-BULB E27 B45 : 3-6W
Light Source	LED-PAR20 LED-BULB E27 B45
Lamp Holder	E27
Colour Temperature	LED-PAR20 : 3000K LED-BULB E27 B45 : 3000/4000/6500K
CRI	>80
Lamp Output	LED-PAR20 : 6W : 3000K : 600 lm LED-BULB B45 : 3W : 3000K : 250 lm LED-BULB B45 : 6W : 3-6.5K : 420 lm
Power Supply	220VAC, 50Hz
Power Factor	N/A
Insulation Class	I
IP Rating	55
Lamp Lifetime	LED-PAR20 : 6W : 20,000 hrs. LED-BULB E27 B45 : 3-6W : 25,000 hrs.
Remarks	Install on ceiling only



Ordering Data

Model	Watt
ISDP108/BK-XXLED-E27	3-6W
ISDP108/WH-XXLED-E27	3-6W

LED IP Surface Downlight



ISDP146

Application

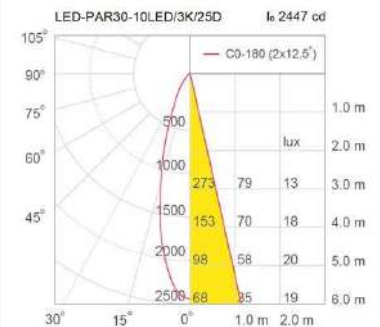
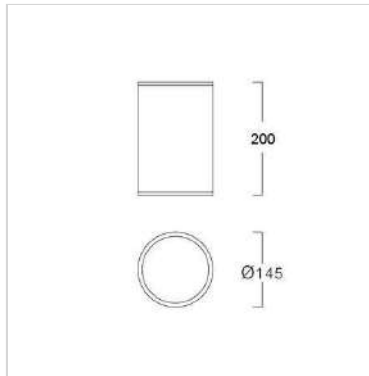
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Diffuser	Clear tempered glass
Mounting	Surface
Power	LED-PAR30 : 9-10W LED-BULB : 5-9W
Light Source	LED-PAR30 LED-BULB
Lamp Holder	E27
Colour Temperature	LED-PAR30 : 3000/6500K LED-BULB : 3000/6500K
CRI	>80
Lamp Output	LED-PAR30 : 9W : 640 lm LED-BULB : 5W : 470/510lm LED-BULB : 7W : 630/690lm LED-BULB : 9W : 810/850lm
Power Supply	220VAC, 50Hz
Power Factor	N/A
Insulation Class	I
IP Rating	55
Lamp Lifetime	LED-PAR30 : 9W : 25,000 hrs. LED-BULB : 5-9W : 15,000 hrs.
Remarks	Install on ceiling only

Ordering Data

Model	Watt
ISDP146/BK-XXLED-E27	5-10W
ISDP146/WH-XXLED-E27	5-10W



ISSP120

Application

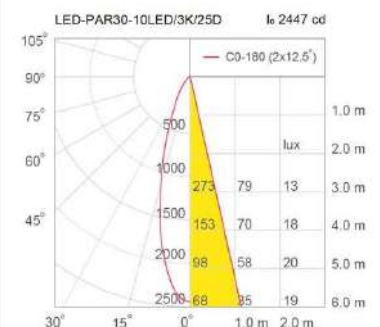
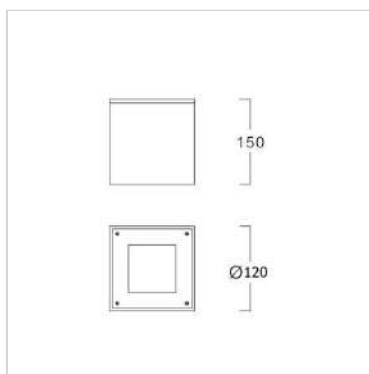
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Diffuser	Clear tempered glass
Mounting	Ceiling
Power	9-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	3000/6500K
CRI	>80
Lamp Output	LED-PAR30 : 9W : 640 lm
Power Supply	220VAC, 50Hz
Power Factor	N/A
Insulation Class	I
IP Rating	55
Lamp Lifetime	LED-PAR30 : 9W : 25,000 hrs
Remarks	Install on ceiling only

Ordering Data

Model	Watt
ISSP120/BK-XXLED-E27	9-10W
ISSP120/WH-XXLED-E27	9-10W



LED IP Surface Downlight



ISDL1215

Application

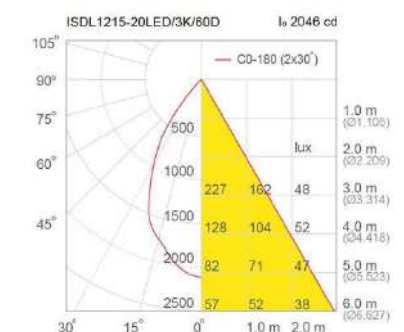
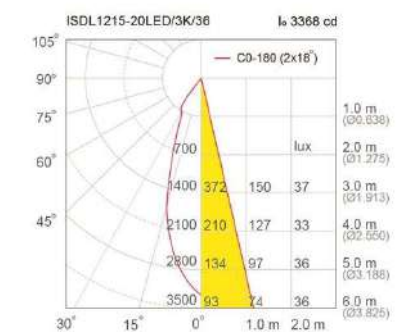
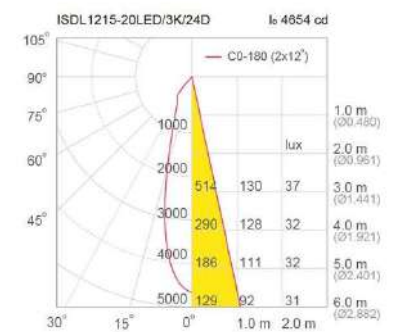
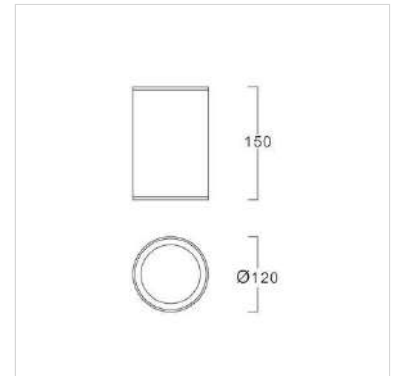
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

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 (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.
Remarks	Install on ceiling only * Value at 24 Degree

Ordering Data

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



LED IP Surface Downlight



ISDL1010

Application

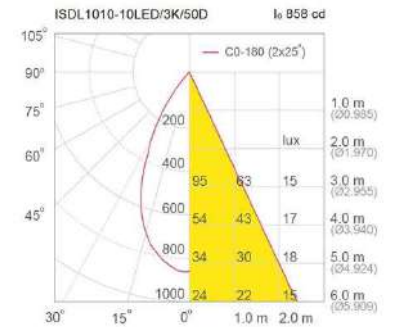
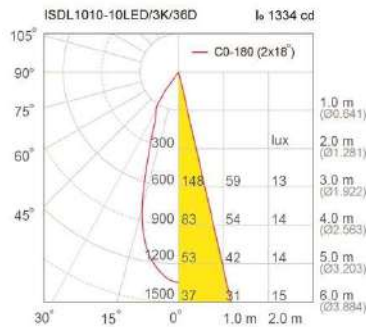
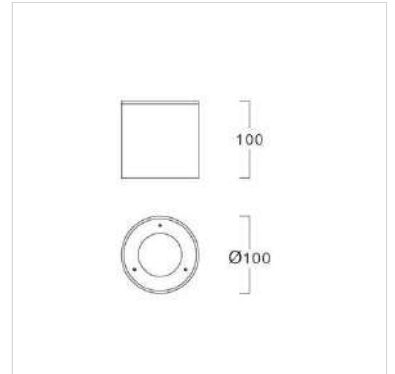
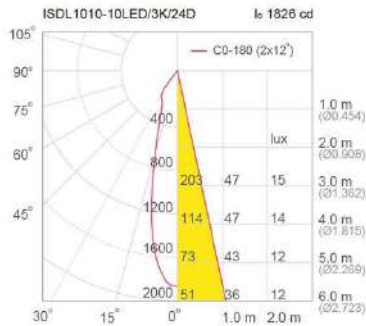
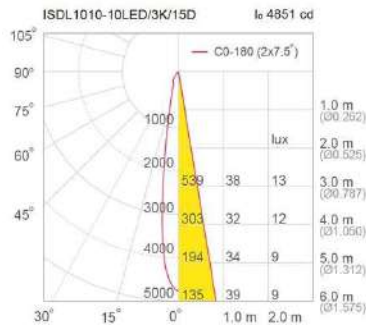
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

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 (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	1120/1215/1290 lm
Luminaire Output	662/715/761 lm *
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.
Remarks	Install on ceiling only * Value at 24 Degree

Ordering Data

Model	Watt
ISDL1010/BK-10LED	10W



LED IP Surface Downlight



ISSL1010

Application

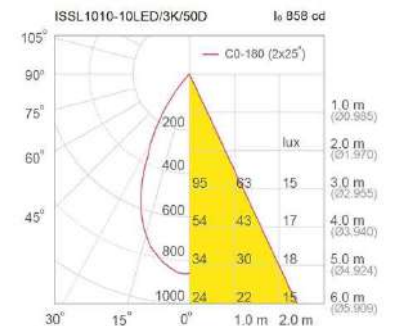
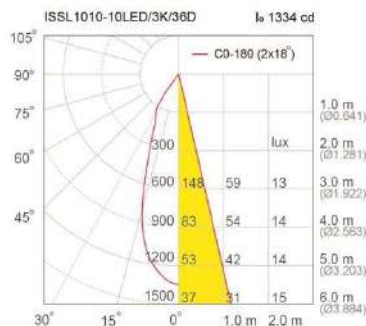
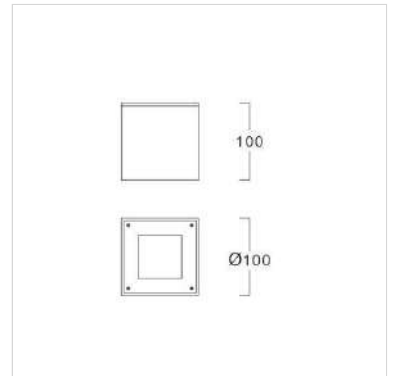
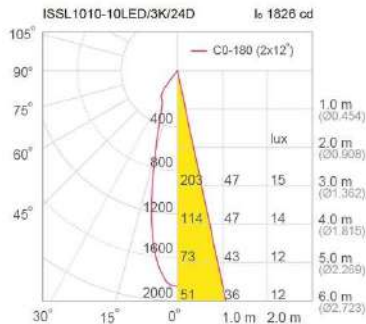
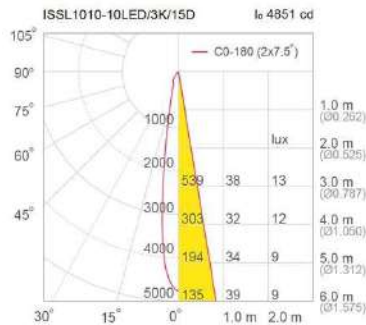
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

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 (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	1120/1215/1290 lm
Luminaire Output	662/715/761 lm*
Beam Angle	15/24/36/50 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.
Remarks	Install on ceiling only * Value at 24 degree

Ordering Data

Model	Watt
ISSL1010/BK-10LED	10W



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 (2700/3500/6500/2700-6000K as optional)

CRI

LED Output

Luminaire Output

Beam Angle

Control Gear

Control

Power Supply

Power Factor

Insulation Class

IP Rating

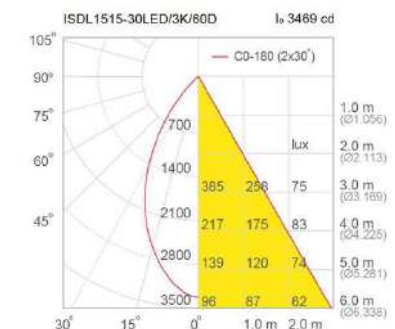
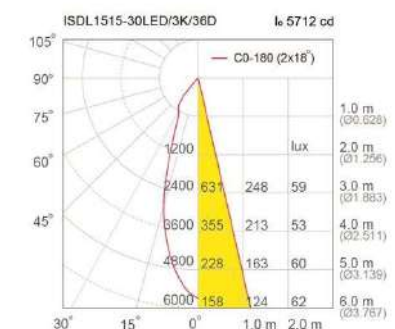
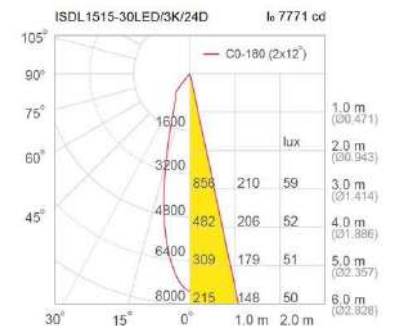
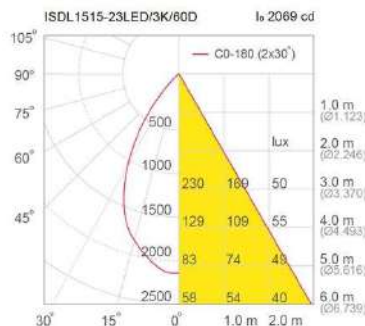
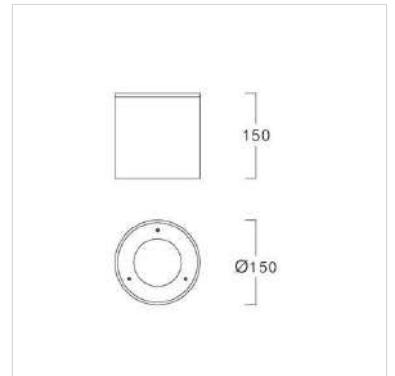
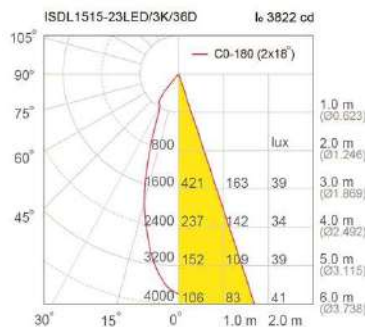
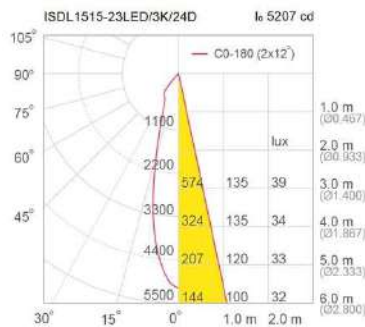
Luminaire Lifetime

Remarks

23W : 2635/2845/3090 lm
30W : 3500/3770/4015 lm
23W : 1821/1967/2131 lm *
30W : 2767/2988/3182 lm *
24/36/60 Degree
Built-in driver
DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
220-240VAC, 50Hz
>0.9
I
65
50,000 hrs.
Install on ceiling only
* Value at 24 Degree

Ordering Data

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



LED IP Surface Downlight



ISSL1515

Application

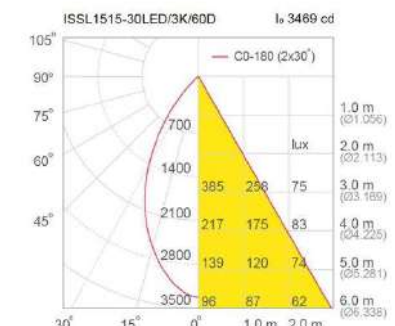
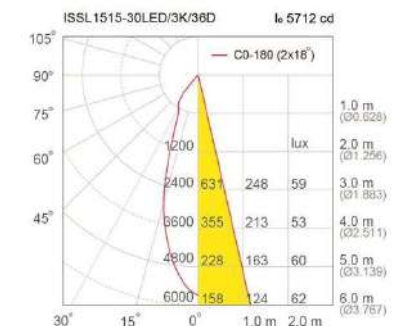
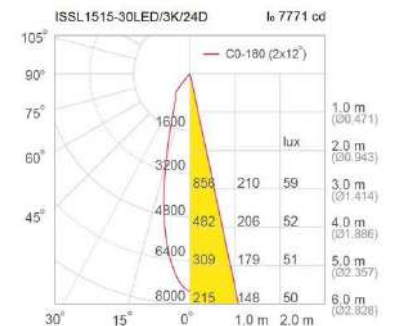
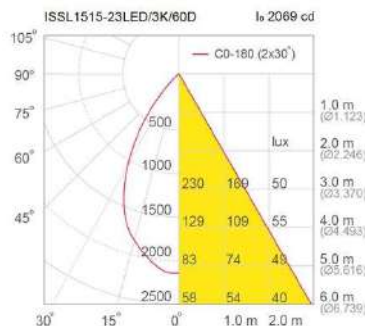
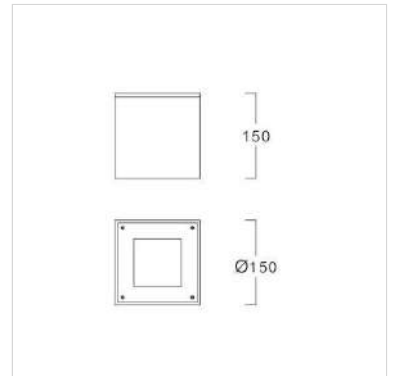
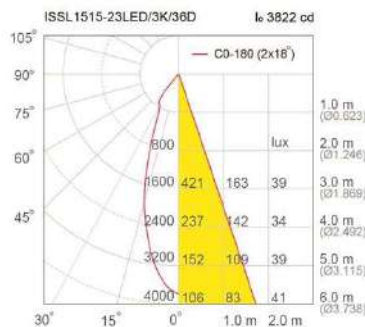
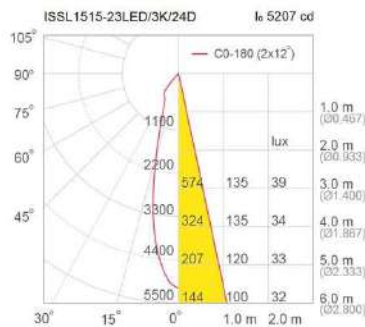
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

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 (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.
Remarks	Install on ceiling only * Value at 24 Degree

Ordering Data

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



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 (2700/3500/6500/2700-6000K as optional)

CRI

LED Output

Luminaire Output

Beam Angle

Control Gear

Power Supply

Power Factor

Insulation Class

IP Rating

Luminaire Lifetime

Remarks

>90/ >90/ >80

40W : 4665/4995/5270 lm

44W : 5110/5470/5830 lm

40W : 4032/4314/4556 lm *

44W : 4328/4631/4934 lm *

24/36/70 Degree

Built-in driver

220-240VAC, 50Hz

DIM PHASE/0-10V/DALI-2

/DALI-2 DT8 (optional)

>0.9

I

65

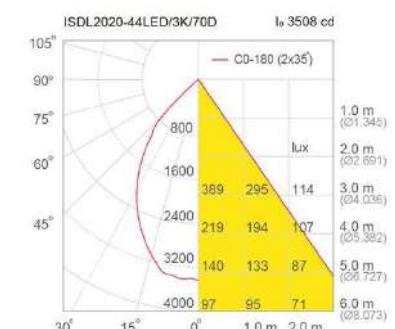
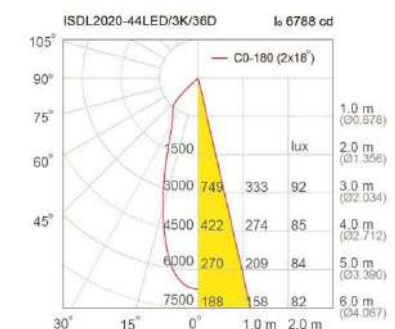
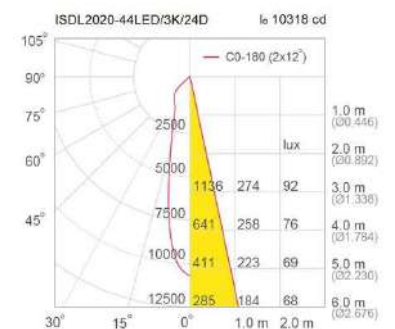
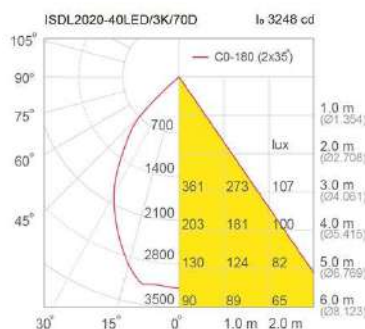
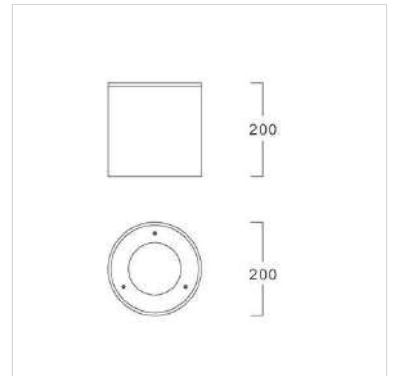
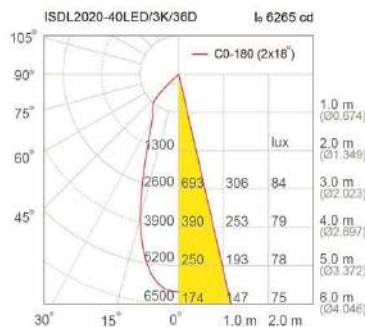
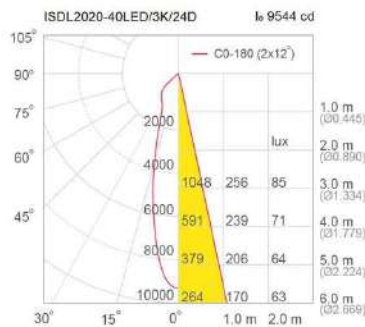
50,000 hrs.

Install on ceiling only

* Value at 24 Degree

Ordering Data

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



LED IP Surface Downlight



ISSWL1526

Application

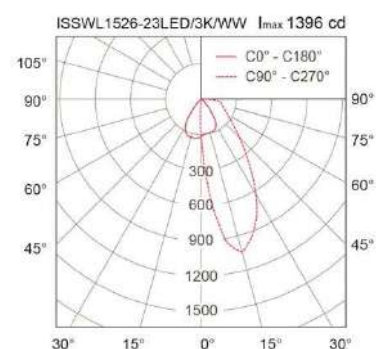
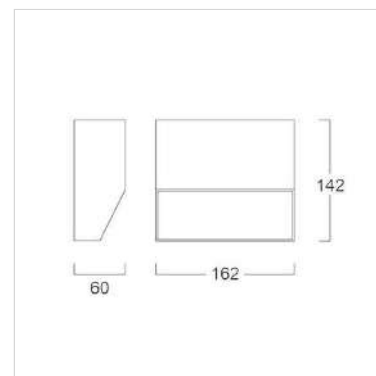
Surface downlight is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, recreational centers, museums, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in black
Mounting	Ceiling
Power	23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	23W : 2635/2845/3090 lm
Luminaire Output	23W : 1734/1873/2029 lm
Beam Angle	WALL WASHER (WW)
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	65
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
ISSWL1526/BK-23LED	23W





Indoor Lighting

Spot/Track light

Indoor Lighting (Spot/Track light)

Spot/Track light Luminaires



SAM86 (4-8W)



SAM125 (4-8W)



SAP60 (4-7W)



SAP95 (4-7W)



SAP125 (4-7W)



SAP135 (5.5-6W)



SAP135S (5.5-6W)



SAP145 (9-10W)



SAP145S (9-10W)



SAP116 (20-32W)



SAL65K (10-18W)



SAL80K (14-23W)



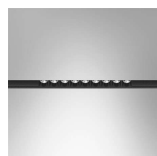
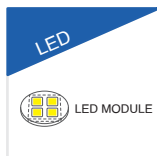
SAL100K (18-30W)



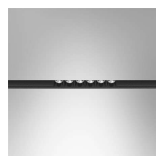
SAL120 (30/35W)



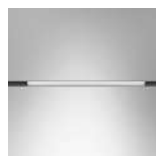
SAL191 (56W)



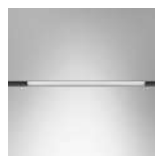
SPOT42/LS205 (10W)



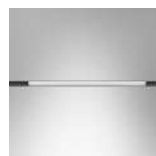
SPOT42/LS407 (11W)



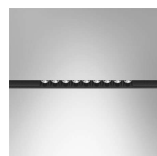
SPOT42/LF205 (6W)



SPOT42/LF407 (11W)



SPOT42/LF800 (20W)



SPOT42/LW205 (10W)



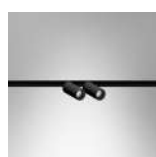
SPOT42/LFA205 (6W)



SPOT42/LSA205 (6W)



SPOT42/TR30 (8W)



SPOT42/TR30-2 (16W)



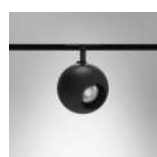
SPOT42/TR52 (14/20W)



SPOT42/TR52 (14W)



SPOT42/TR95 (25W)



SPOT42/PDL100S (14W)



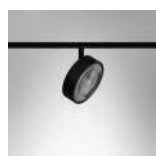
SPOT42/PDL100 (14W)



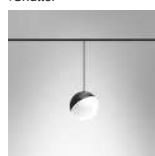
SPOT42/PDL30 (8W)



SPOT42/PDL52 (20W)



SPOT42/PDL95 (14W)



SPOT42/PDL100L (8W)



SPOT42/LTR90



SPOT42/LTS90

Indoor Lighting (Spot/Track light)

Spot/Track light Luminaires



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 (9-10W)



TRP145S (9-10W)



TRP155 (9-10W)



TRP116 (20-32W)



TRL651K (20/23W)



TRL801K (23/30W)



TRL1001K (30-40W)



TRL50K (8W)



TRL65K (10-18W)



TRL80K (14-23W)



TRL100K (18-30W)



TRL120 (30/35W)



TRL191 (56W)



TRL10075L (14-30W)



TRL68125Z (27W)



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)

LED Spot / Track Light



SAM86

Application

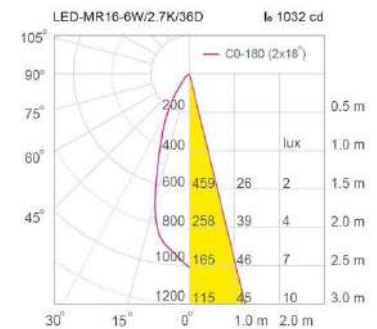
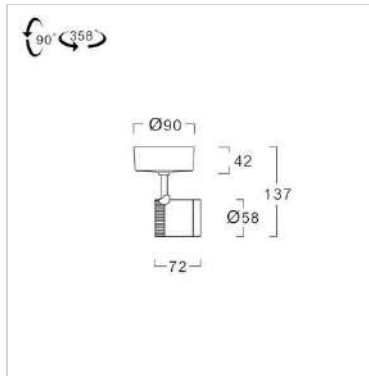
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GU5.3
Colour Temperature	2700/3000/4000/6500K
CRI	>80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 6.5W : 2700/3000/4000K : >550 lm
Control Gear	Built-in electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Lamp Lifetime	6W : 15,000 hrs. 6.5W : 50,000 hrs.

Ordering Data

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



SAM125

Application

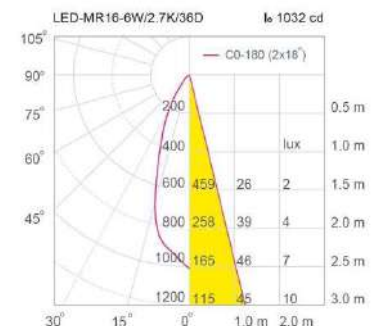
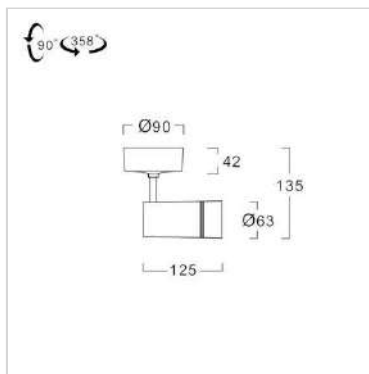
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

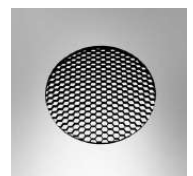
Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GU5.3
Colour Temperature	2700/3000/4000/6500K
CRI	>80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 6.5W : 2700/3000/4000K : >550 lm
Control Gear	Built-in electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Lamp Lifetime	6W : 15,000 hrs. 6.5W : 50,000 hrs.

Ordering Data

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



Accessories



Honey comb

LED Spot / Track Light



SAP60

Application

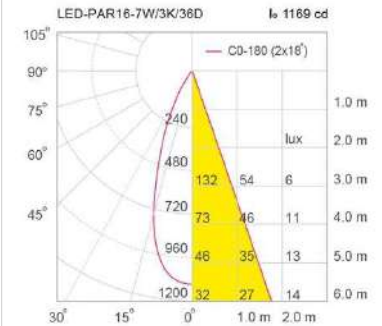
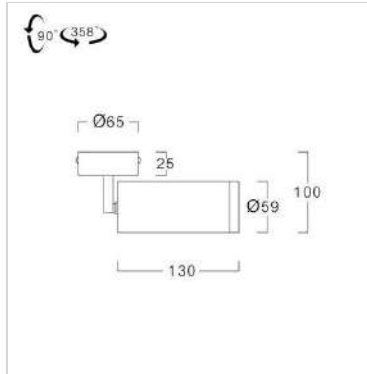
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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	2700/3000/4000K
CRI	>80
Lamp Output	6.5W : 270/3000/4000K : >580 lm 7W : 3000/4000K : 670 lm
Power Supply	6.5W : 220-240VAC, 50Hz 7W : 220VAC, 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Lamp Lifetime	6.5W : 50,000 hrs. 7W : 15,000 hrs.

Ordering Data

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



SAP95

Application

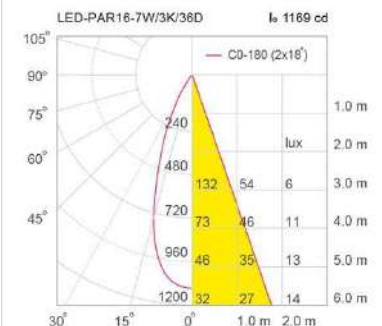
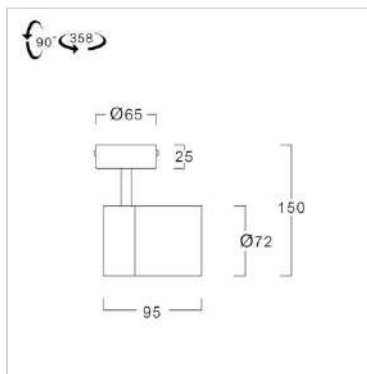
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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	2700/3000/4000K
CRI	>80
Lamp Output	6.5W : 270/3000/4000K : >580 lm 7W : 3000/4000K : 670 lm
Power Supply	6.5W : 220-240VAC, 50Hz 7W : 220VAC, 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	6.5W : 50,000 hrs. 7W : 15,000 hrs.

Ordering Data

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



LED Spot / Track Light



SAP125

Application

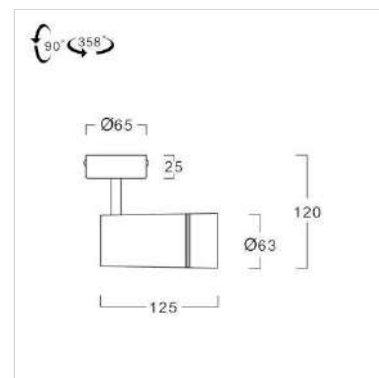
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

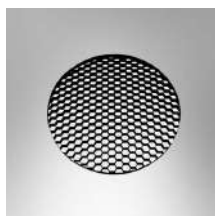
Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700/3000/4000K
CRI	>80
Lamp Output	6.5W : 270/3000/4000K : >580 lm 7W : 3000/4000K : 670 lm
Power Supply	6.5W : 220-240VAC, 50Hz 7W : 220VAC, 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	6.5W : 50,000 hrs. 7W : 15,000 hrs.

Ordering Data

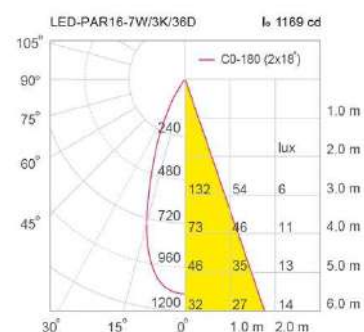
Model	Watt
SAP125/BK-XXLED-PAR16	4-7W
SAP125/WH-XXLED-PAR16	4-7W



Accessories



Honey comb



 TIS **SAP135**

Application

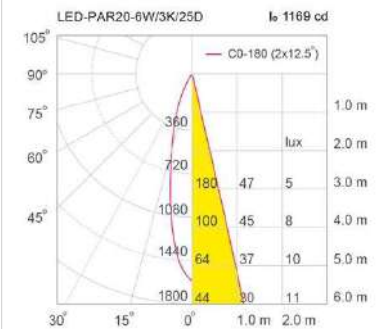
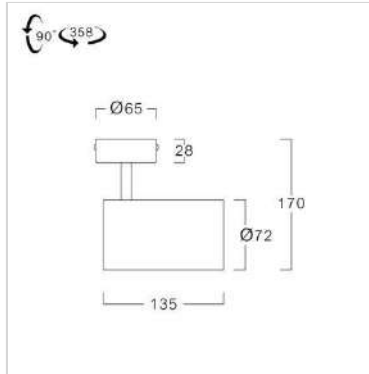
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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	3000K
Lamp Output	6W : 3000K : 600 lm
Power Supply	220VAC,50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Lamp Lifetime	20,000 hrs.

Ordering Data

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



 TIS **SAP135S**

Application

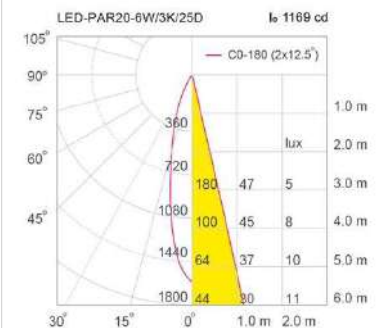
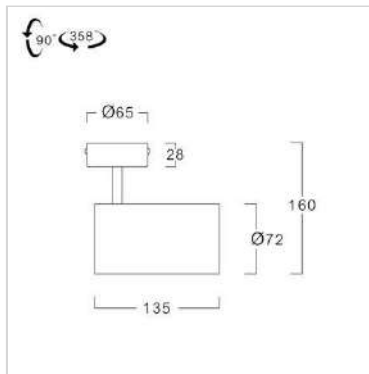
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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	3000K
Lamp Output	6W : 3000K : 600 lm
Power Supply	220VAC,50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Lamp Lifetime	20,000 hrs.

Ordering Data

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



LED Spot / Track Light



SAP145

Application

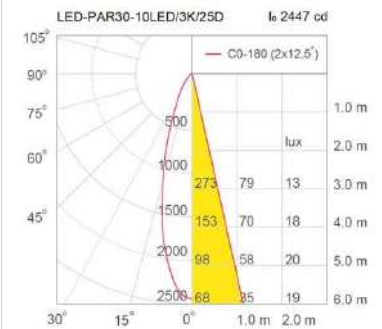
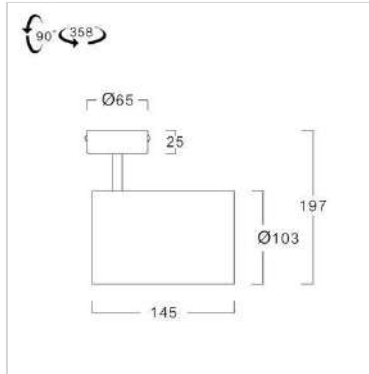
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	9-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	9W : 640 lm
Power Supply	220VAC, 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
SAP145/BK-XXLED-PAR30	9-10W
SAP145/WH-XXLED-PAR30	9-10W



SAP145S

Application

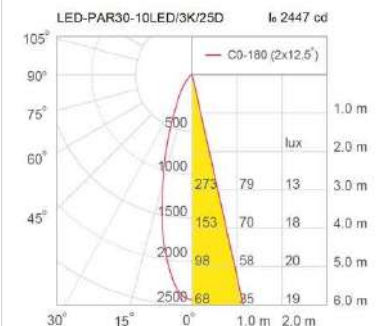
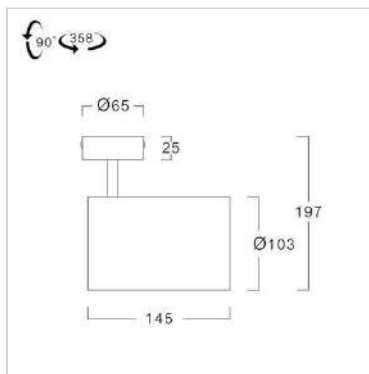
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	Surface
Power	9-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	9W : 640 lm
Power Supply	220VAC, 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
SAP145S/BK-XXLED-PAR30	9-10W
SAP145S/WH-XXLED-PAR30	9-10W



LED Spot / Track Light



SAP116

Application

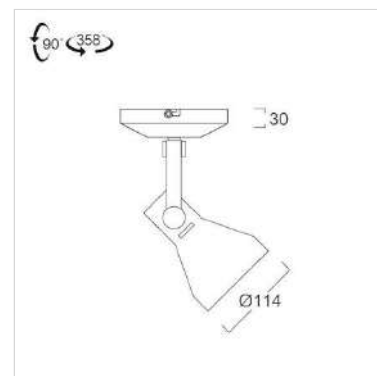
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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
CRI	>80
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
Power Factor	N/A
Insulation Class	II
IP Rating	20
Lamp Lifetime	25,000 hrs.

Ordering Data

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



LED Spot / Tracklight



TIS SAL65K

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	10/14/18W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)

CRI

LED Output

Luminaire Output

Beam Angle

Control Gear

Control

Power Supply

Power Factor

Insulation Class

IP Rating

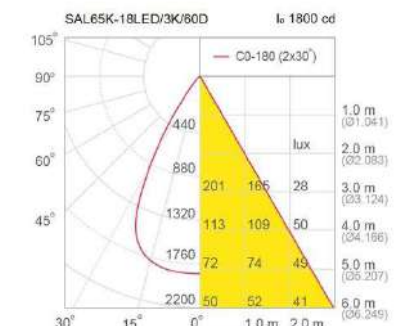
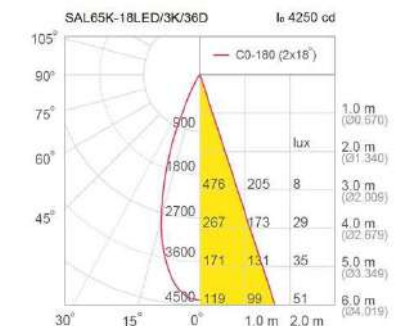
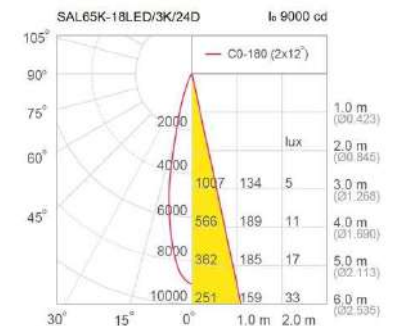
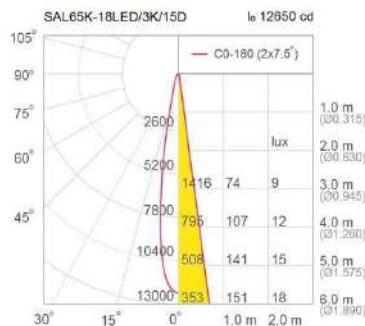
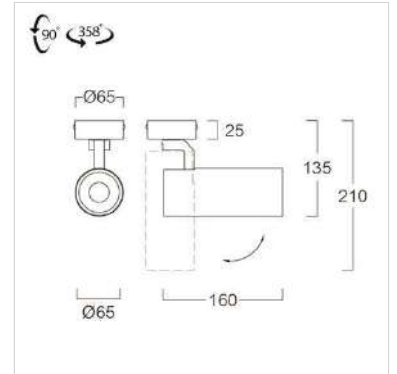
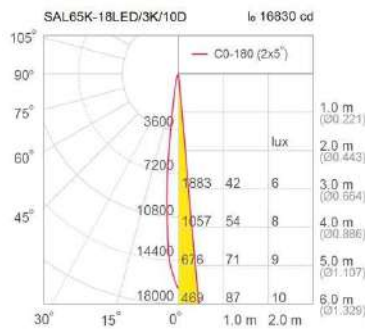
Luminaire Lifetime

Remarks

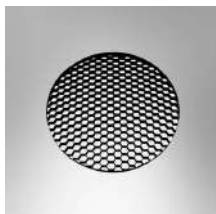
Die-cast and extruded aluminium
Powder coated in white or black
Surface
10/14/18W
LED-COB
3000/4000/5000K
(2700/3500/6500/2700-6000K as optional)
>90/ >90/ >80
10W : 1120/1215/1290 lm
14W : 1540/1660/1805 lm
18W : 2062/2226/2418 lm
10W : 1001/1081/1151 lm*
14W : 1390/1501/1626 lm*
18W : 1733/1872/2028 lm*
10/15/24/36/60 Degree
Built-in driver
DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
220-240VAC, 50Hz
>0.9
II
20
50,000 hrs.
* Value at 24 Degree

Ordering Data

Model	Watt
SAL65K/WH-10LED	10W
SAL65K/WH-14LED	14W
SAL65K/WH-18LED	18W



Accessories



Honey Comb

LED Spot / Tracklight



SAL80K

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.

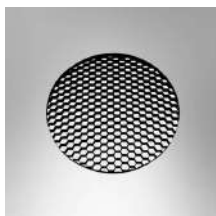
Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	14/18/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1540/1660/1805 lm 18W : 2062/2226/2418 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1377/1487/1611 lm* 18W : 1709/1846/2000 lm* 20W : 1936/2091/2265 lm** 23W : 2305/2490/2697 lm**
Beam Angle	14/18W : 10/15/20/36/50 Degree 20/23W : 20/26/38/50 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	* Value at 36 Degree ** Value at 38 Degree

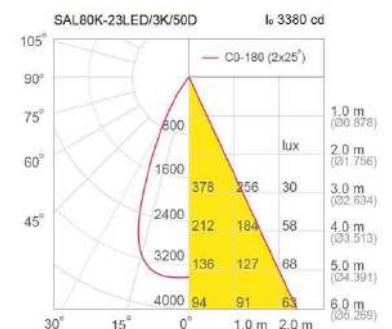
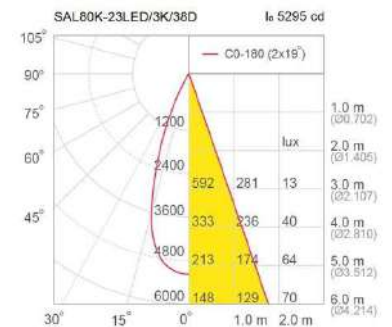
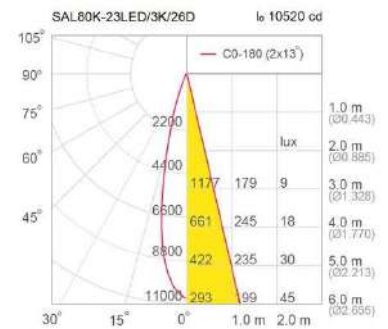
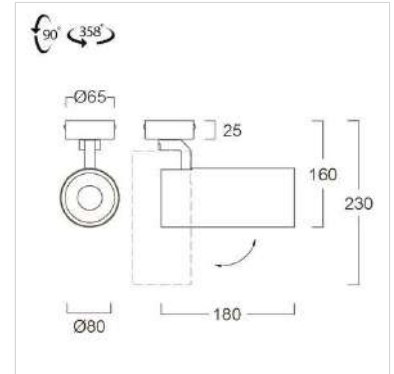
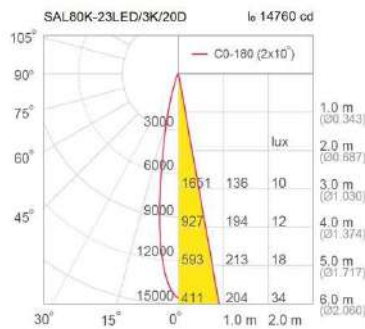
Ordering Data

Model	Watt
SAL80K/WH-14LED	14W
SAL80K/WH-18LED	18W
SAL80K/WH-20LED	20W
SAL80K/WH-23LED	23W

Accessories



Honey Comb





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	18/23/27/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K

CRI

LED Output

18W : 2062/2226/2418 lm
23W : 2635/2845/3090 lm
27W : 3065/3300/3515 lm
30W : 3500/3770/4015 lm

Luminaire Output

18W : 1597/1725/1869 lm *

Beam Angle

18W : 12/20/26/36/50 Degree
23/27/30W : 20/26/36/50 Degree

Control Gear

Built-in driver

Control

DIM PHASE/0-10V/DALI-2
/DALI-2 DT8 (optional)

Power Supply

220-240VAC, 50Hz

Power Factor

>0.9

Insulation Class

II

IP Rating

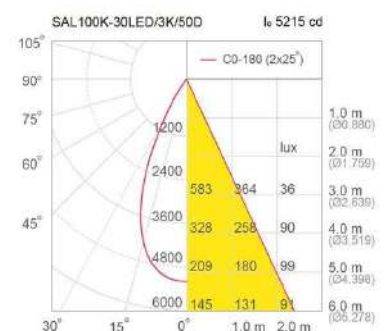
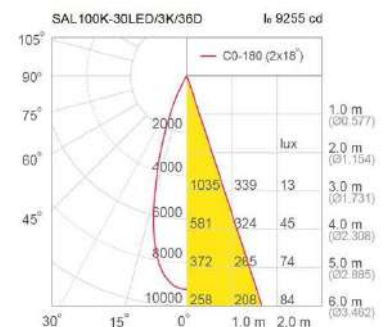
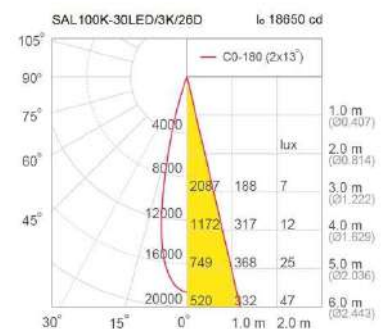
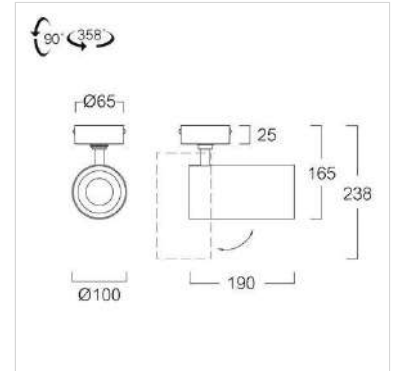
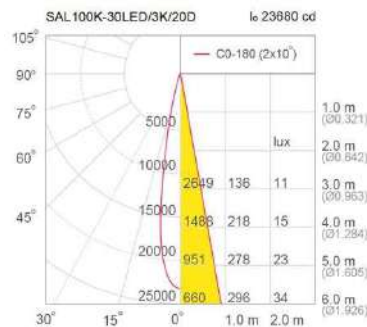
20
50,000 hrs.

Remarks

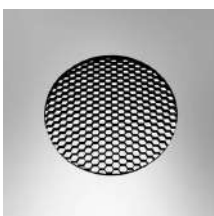
* Value at 12 Degree
** Value at 26 Degree

Ordering Data

Model	Watt
SAL100K/WH-18LED	18W
SAL100K/WH-23LED	23W
SAL100K/WH-27LED	27W
SAL100K/WH-30LED	30W



Accessories



Honey Comb

LED Spot / Tracklight



SAL120

Application

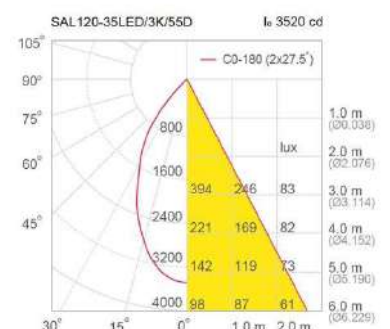
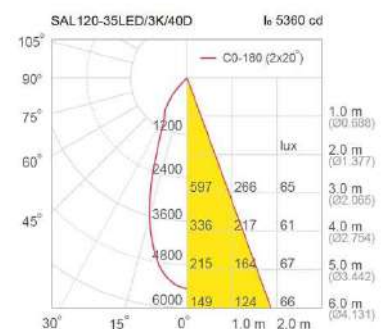
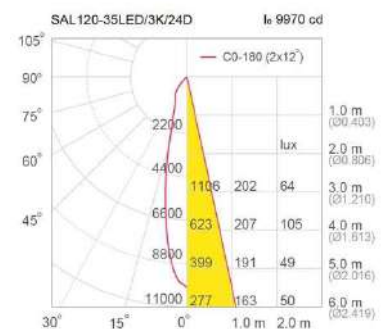
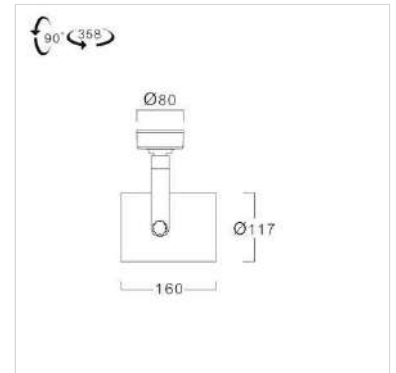
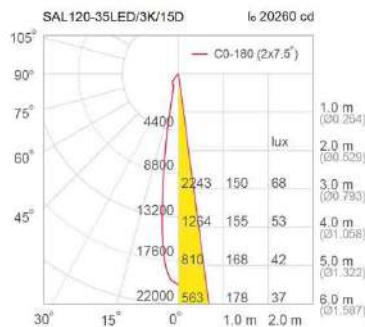
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

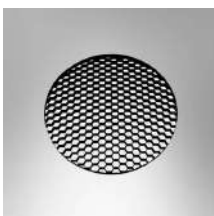
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	Surface
Power	30/35W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm
Luminaire Output	30W : 2870/3091/3292 lm* 35W : 3230/3481/3706 lm*
Beam Angle	15/24/40/55 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	* Value at 24 Degree

Ordering Data

Model	Watt
SAL120/WH-30LED	30W
SAL120/WH-35LED	35W



Accessories



Honey Comb

LED Spot / Tracklight



SAL191

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	56W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)

CRI

>90/ >90/ >80

Lamp Output

56W : 5554/5945/6335 lm

Luminaire Output

56W : 5170/5532/5894 lm

Beam Angle

15/24/36/65 Degree

Control Gear

Built-in driver

Control

DIM PHASE/0-10V/DALI-2

/DALI-2 DT8 (optional)

Power Supply

220-240VAC, 50Hz

Power Factor

>0.9

Insulation Class

I

IP Rating

20

Luminaire Lifetime

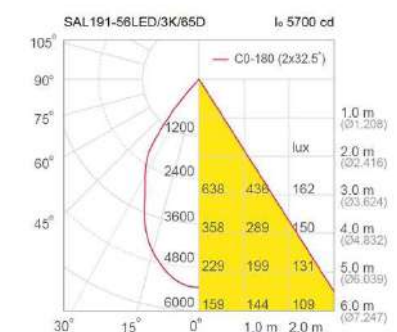
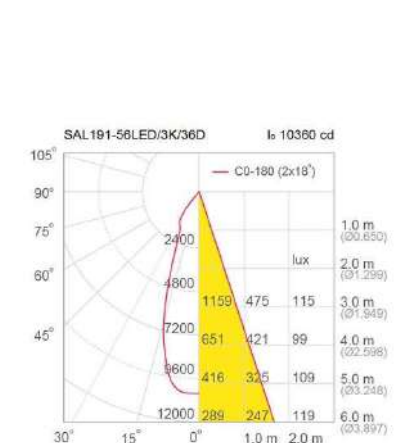
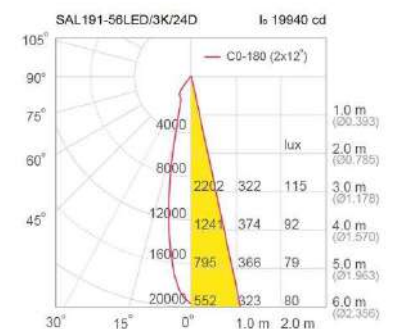
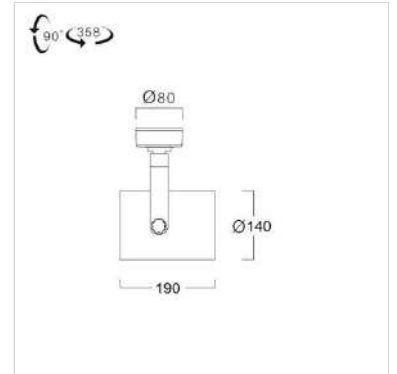
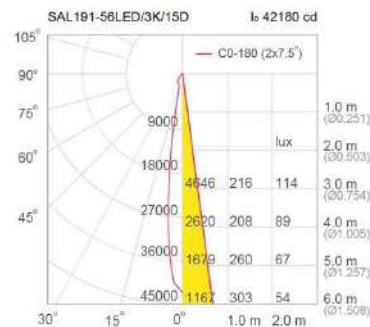
50,000 hrs

Remarks

* Value at 24 Degree

Ordering Data

Model	Watt
SAL191/WH-56LED	56W



LED Spot / Tracklight



SPOT42/LS205

Application

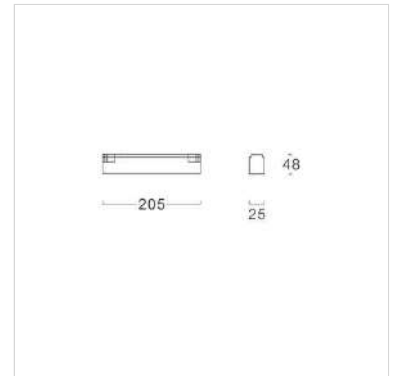
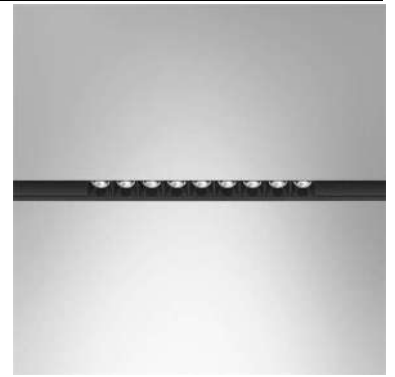
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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
LED Output	999/999/1026/1026 lm
Luminaire Output	879/879/903/903 lm
Beam Angle	10/15/25 Degree 36/45/60 Degree for customize option
Control Gear	Separate Driver
Control	0/1-10V ,Phase cut ,Push dim ,DALI*
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

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



SPOT42/LS407

Application

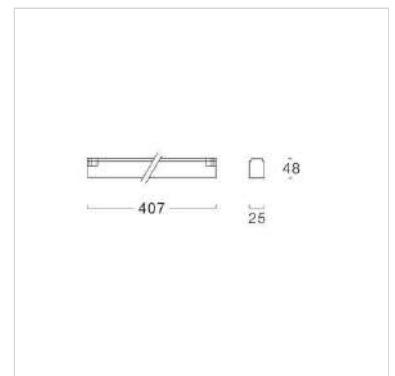
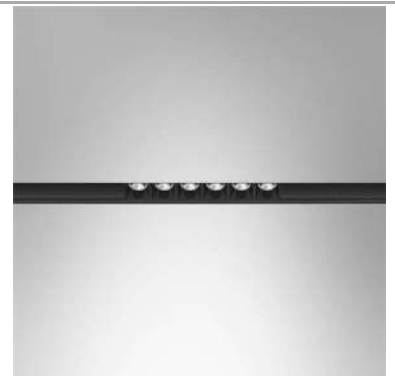
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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
LED Output	1998/1998/2052/2052 lm
Luminaire Output	1758/1758/1806/1806 lm
Beam Angle	10/15/25 Degree
Control Gear	Separate Driver
Control	0/1-10V ,Phase cut ,Push dim ,DALI*
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

Model	Watt
SPOT42/LS407/BK-20LED	20W



LED Spot / Tracklight



SPOT42/LF205

Application

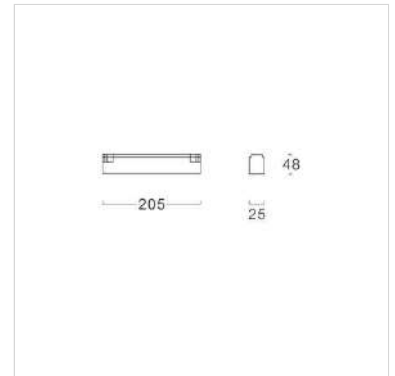
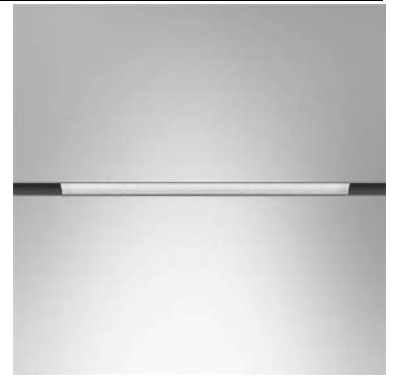
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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
LED Output	688/688/738/738 lm
Luminaire Output	385/385/413/413 lm
Beam Angle	110 Degree
Control Gear	Separate Driver
Control	0/1-10V ,Phase cut ,Push dim ,DALI*
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

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



SPOT42/LF407

Application

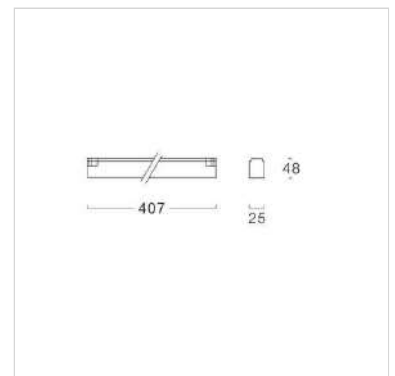
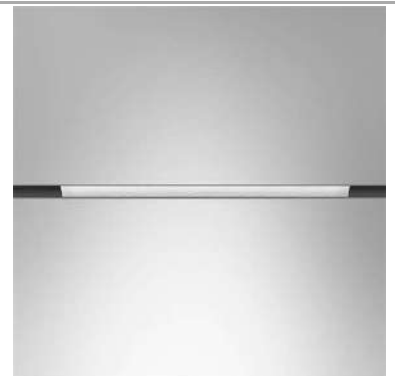
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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
LED Output	1326/1326/1370/1370 lm
Luminaire Output	782/782/808/808 lm
Beam Angle	110 Degree
Control Gear	Separate Driver
Control	0/1-10V ,Phase cut ,Push dim ,DALI*
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

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



LED Spot / Tracklight



SPOT42/LF800

Application

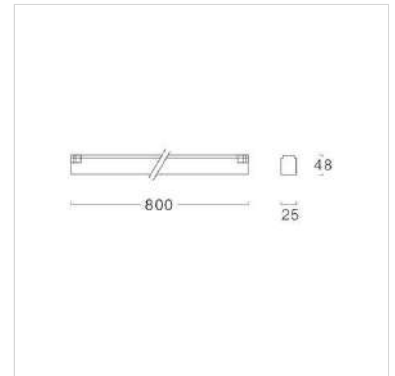
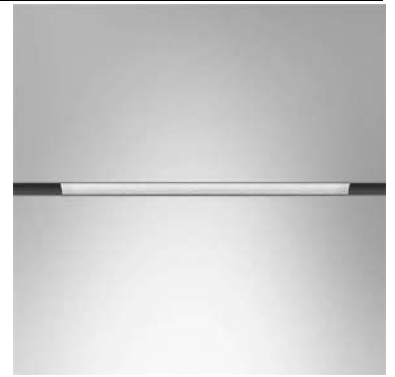
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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
LED Output	2304/2304/2373/2373 lm
Luminaire Output	1451/1451/1495/1495 lm
Beam Angle	110 Degree
Control Gear	Separate Driver
Control	0/1-10V ,Phase cut ,Push dim ,DALI*
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

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



SPOT42/LW205

Application

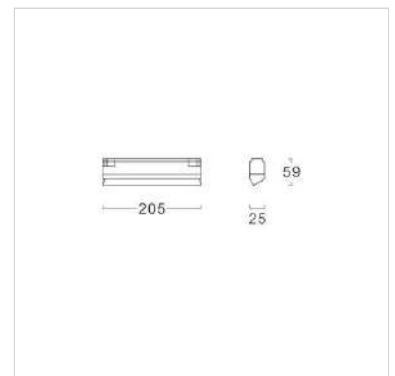
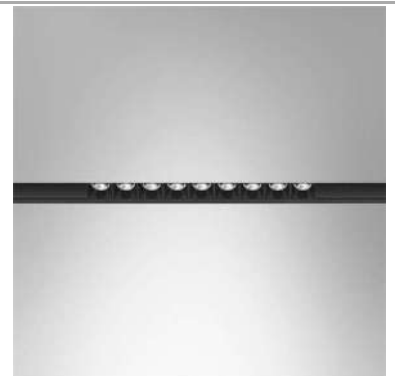
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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
LED Output	999/999/1026/1026 lm
Luminaire Output	539/539/554/554 lm
Beam Angle	48x25 Degree (Wall washer)
Control Gear	Separate Driver
Control	0/1-10V ,Phase cut ,Push dim ,DALI*
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

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



LED Spot / Tracklight



SPOT42/LFA205

Application

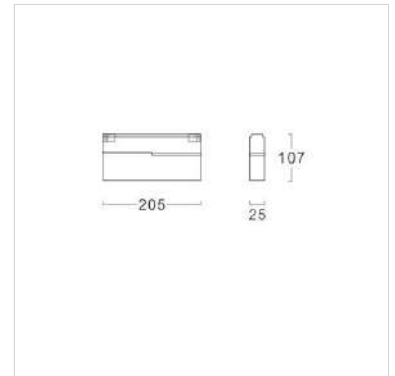
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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
LED Output	688/688/738/738 lm
Luminaire Output	385/385/413/413 lm
Beam Angle	110 Degree
Control Gear	Separate Driver
Control	0/1-10V ,Phase cut ,Push dim ,DALI*
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

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



SPOT42/LSA205

Application

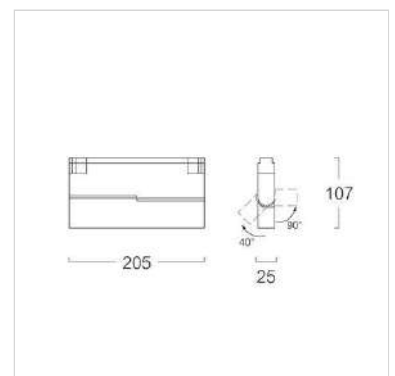
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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
LED Output	999/999/1026/1026 lm
Luminaire Output	880/880/902/902 lm
Beam Angle	10/15/25 Degree
Control Gear	Separate Driver
Control	0/1-10V ,Phase cut ,Push dim ,DALI*
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

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



LED Spot / Tracklight



SPOT42/TR30

Application

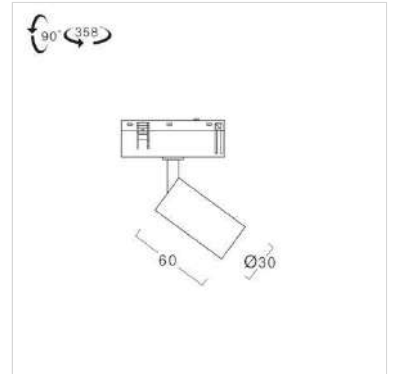
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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
LED Output	657/657/710/710 lm
Luminaire Output	473/473/511/511 lm
Beam Angle	15/30/45 Degree
Control Gear	Separate Driver
Control	0/1-10V ,Phase cut ,Push dim ,DALI*
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

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



SPOT42/TR30-2

Application

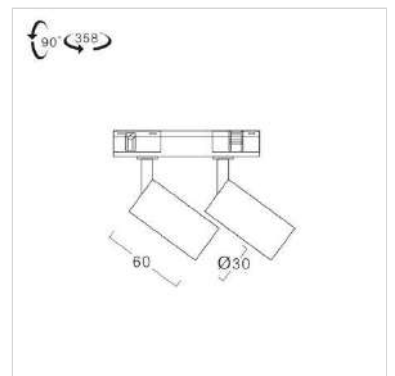
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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
LED Output	1314/1314/1420/1420 lm
Luminaire Output	946/946/1008/1008 lm
Beam Angle	15/30/45 Degree
Control Gear	Separate Driver
Control	0/1-10V ,Phase cut ,Push dim ,DALI*
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

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



LED Spot / Tracklight



SPOT42/TR52

Application

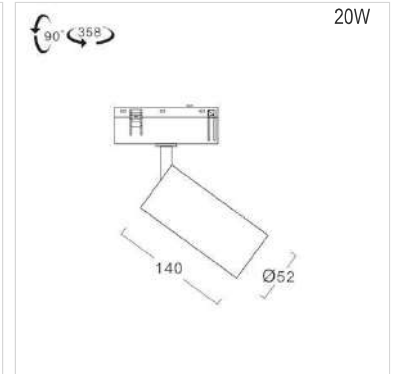
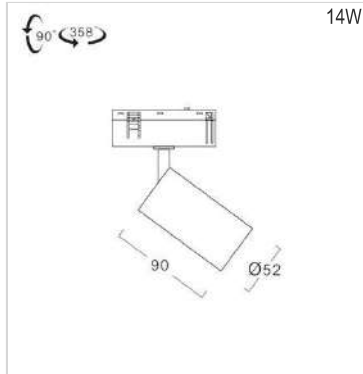
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

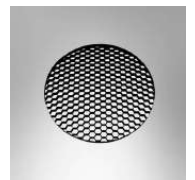
Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90)
Power	14/20W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
LED Output	14W : 1425/1425/1526/1526 lm 20W : 2087/2087/2255/2255 lm
Luminaire Output	14W : 1197 lm 20W : 1565 lm
Beam Angle	15/30/45 Degree
Control Gear	Separate Driver
Control	0/1-10V ,Phase cut ,Push dim ,DALI*
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

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



Accessories



Honey comb

SPOT42/TR52/Shutter

Application

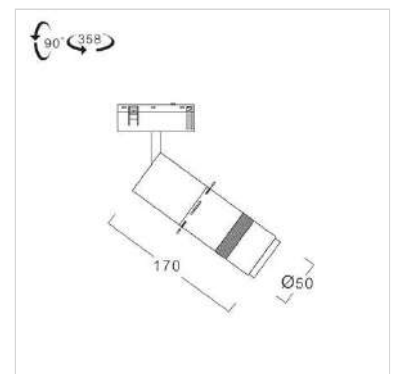
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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
LED Output	657/657/710/710 lm
Luminaire Output	473/473/511/511 lm
Control Gear	Separate Driver
Control	0/1-10V ,Phase cut ,Push dim ,DALI*
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

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



LED Spot / Tracklight



SPOT42/TR95

Application

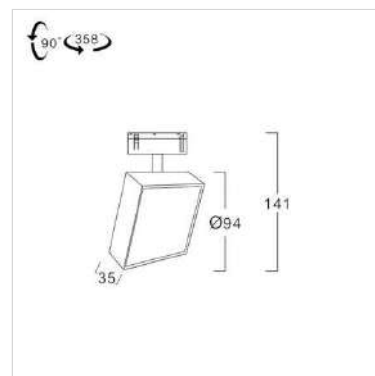
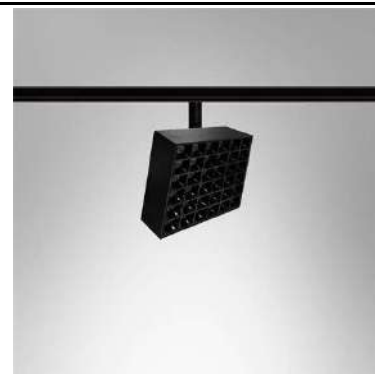
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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
LED Output	3504/3504/3708/3708 lm
Luminaire Output	2978/2978/3151/3151 lm
Beam Angle	30 Degree
Control Gear	Separate Driver
Control	0/1-10V ,Phase cut ,Push dim ,DALI*
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

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



LED Spot / Tracklight



SPOT42/PDL100S

Application

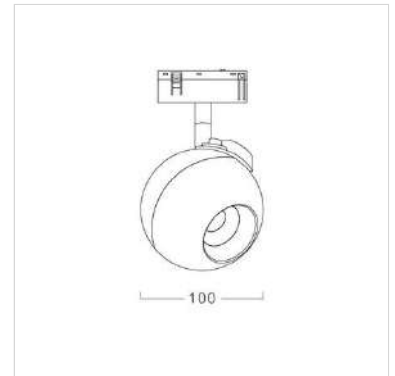
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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
LED Output	1425/1425/1526/1526 lm
Luminaire Output	1197/1197/1281/1281 lm
Beam Angle	20/30/45 Degree
Control Gear	Separate Driver
Control	0/1-10V ,Phase cut ,Push dim ,DALI*
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

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



SPOT42/PDL100

Application

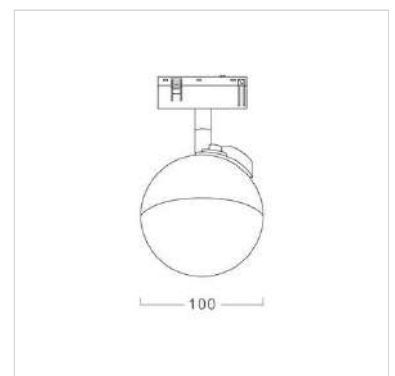
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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
LED Output	1425/1425/1526/1526 lm
Luminaire Output	1083/1083/1159/1159 lm
Beam Angle	110 Degree
Control Gear	Separate Driver
Control	0/1-10V ,Phase cut ,Push dim ,DALI*
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

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



LED Spot / Tracklight



SPOT42/PDL30

Application

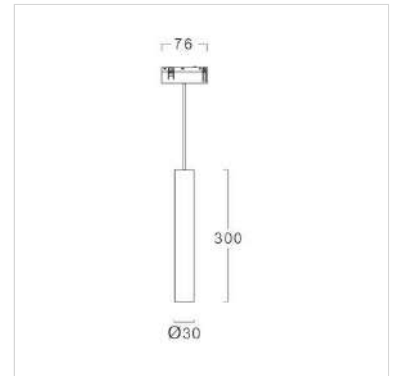
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90) suspension wires length 1.50 m.
Power	8W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
LED Output	657/657/710/710 lm
Luminaire Output	473/473/511/511 lm
Beam Angle	25/30/45 Degree
Control Gear	Separate Driver
Control	0/1-10V , Phase cut , Push dim , DALI*
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

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



SPOT42/PDL52

Application

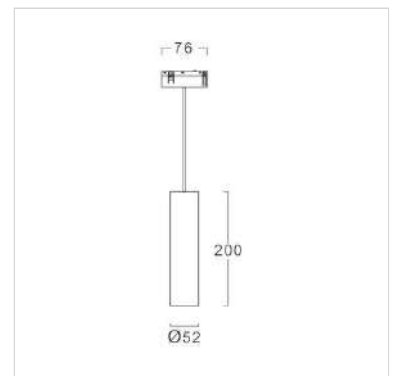
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90) suspension wires length 1.50 m.
Power	20W
Light Source	LED-COB
Colour Temperature	2700/3000/4000/5000K
CRI	>80
LED Output	2087/2087/2255/2255 lm
Luminaire Output	1565/1565/1690/1690 lm
Beam Angle	20/30/45 Degree
Control Gear	Separate Driver
Control	0/1-10V , Phase cut , Push dim , DALI*
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

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



LED Spot / Tracklight



SPOT42/PDL95

Application

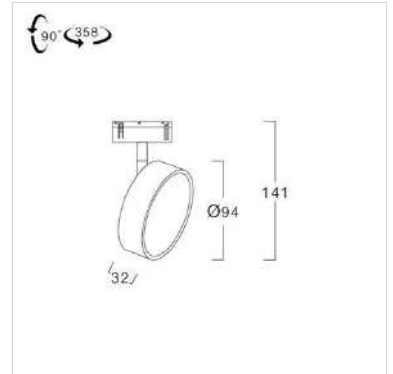
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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
LED Output	1446/1446/1665/1665 lm
Luminaire Output	1214/1214/1398/1398 lm
Beam Angle	15/30/40 Degree
Control Gear	Separate Driver
Control	0/1-10V ,Phase cut ,Push dim ,DALI*
Power Supply	42VDC
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

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



SPOT42/PDL100L

Application

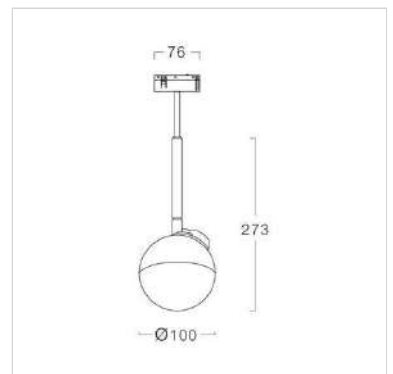
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast Aluminium
Finishing	Powder Coated in Black
Mounting	1 Circuit track (SPOT42/LTS90, LTR90) suspension wires length 1.50 m.
Power	8/14W
Light Source	LED-MODULE
Colour Temperature	2700/3000/4000/5000K
CRI	>80
LED 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
Control	0/1-10V ,Phase cut ,Push dim ,DALI*
Power Supply	42VDC
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Dimming use with SR-2303P(4 in 1) **For all Dimming method, all luminaires are dimmed at the same time

Ordering Data

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



LED Spot / Tracklight



SPOT42/LTR90

Application

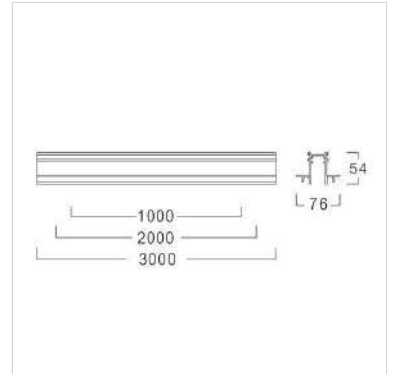
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Extruded aluminium with copper wire for maximum current 10A (Max.480W)
Finishing	Powder Coated in Black
Mounting	Recessed
Power Supply	42VDC
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

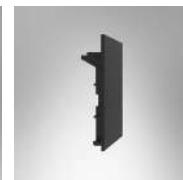
Model	Watt
SPOT42/LTR90/BK 1.0m.	-
SPOT42/LTR90/BK 2.0m.	-
SPOT42/LTR90/BK 3.0m.	-
SPOT42/LTR90/BK-CONNECTOR	-
SPOT42/LTR90/BK-I	-
SPOT42/LTR90/BK-L (inner)	-
SPOT42/LTR90/BK-L (outer)	-
SPOT42/LTR90/BK-L (same plane)	-



Accessories



SPOT42-S



SPOT42-ECAP



SPOT42-I

SPOT42/LTS90

Application

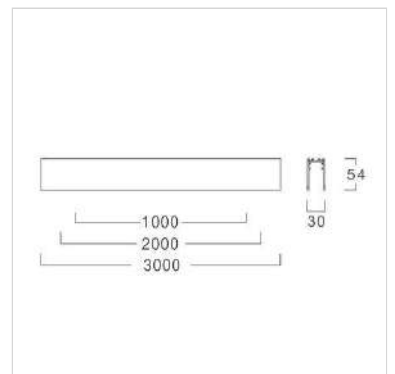
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Extruded aluminium with copper wire for maximum current 10A (Max.480W)
Finishing	Powder Coated in Black
Mounting	Surfaced/Pendant
Power Supply	42VDC
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.	-



Accessories



SPOT42/LTS90-I



SPOT42/LTS90-L



SPOT42/LTS90-T

LED Spot / Track Light



TRM86

Application

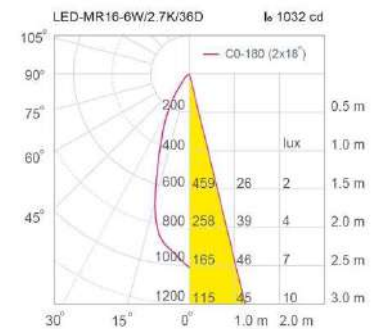
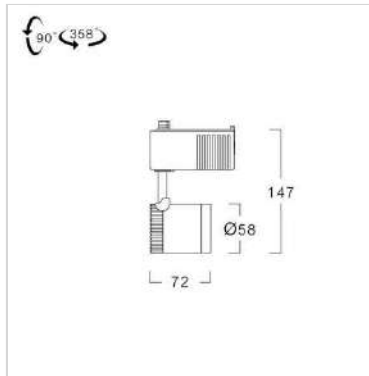
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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	GU5.3
Colour Temperature	2700/3000/4000/6500K
CRI	>80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 6.5W : 2700/3000/4000K : >550 lm
Control Gear	Built-in electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Lamp Lifetime	6W : 15,000 hrs. 6.5W : 50,000 hrs.

Ordering Data

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



TRM125

Application

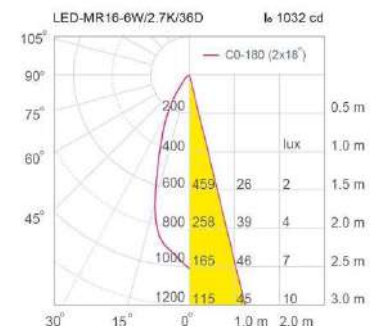
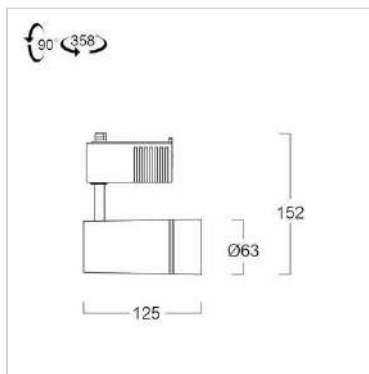
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

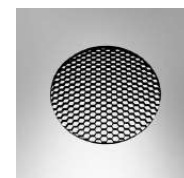
Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	4-8W
Light Source	LED-MR16
Lamp Holder	GU5.3
Colour Temperature	2700/3000/4000/6500K
CRI	>80
Lamp Output	6W : 2700/3000/4000/6500K : 550 lm 6.5W : 2700/3000/4000K : >550 lm
Control Gear	Built-in electronic transformer
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Lamp Lifetime	6W : 15,000 hrs. 6.5W : 50,000 hrs.

Ordering Data

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



Accessories



Honey comb

LED Spot / Track Light



TRP60

Application

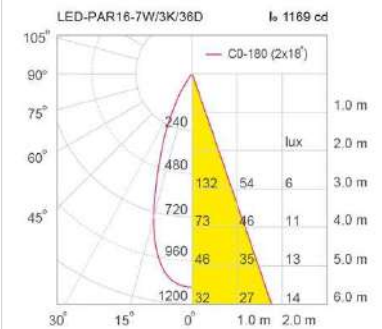
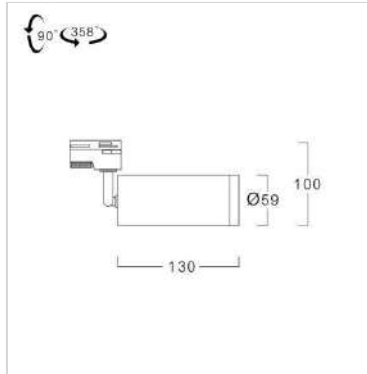
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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	2700/3000/4000K
CRI	>80
Lamp Output	6.5W : 270/3000/4000K : >580 lm 7W : 3000/4000K : 670 lm
Power Supply	6.5W : 220-240VAC, 50Hz 7W : 220VAC, 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Lamp Lifetime	6.5W : 50,000 hrs. 7W : 15,000 hrs.

Ordering Data

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



TRP125

Application

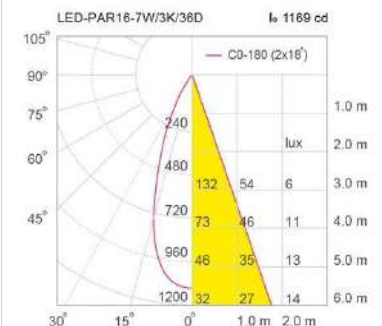
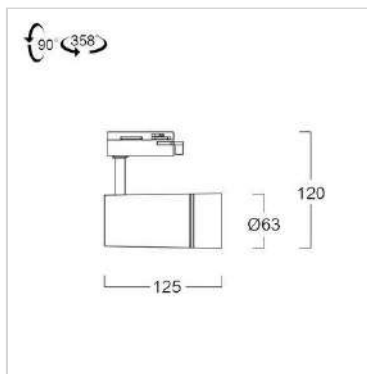
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

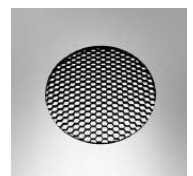
Housing	Die-cast aluminium
Finishing	Powder Coated in white or balck
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700/3000/4000K
CRI	>80
Lamp Output	6.5W : 270/3000/4000K : >580 lm 7W : 3000/4000K : 670 lm
Power Supply	6.5W : 220-240VAC, 50Hz 7W : 220VAC, 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	6.5W : 50,000 hrs. 7W : 15,000 hrs.

Ordering Data

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



Accessories



Honey comb

LED Spot / Track Light



TRP93

Application

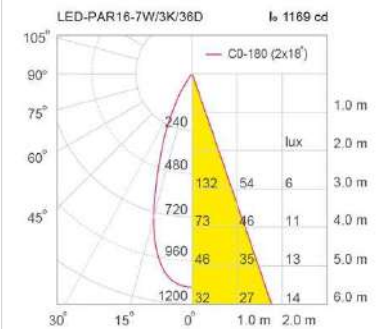
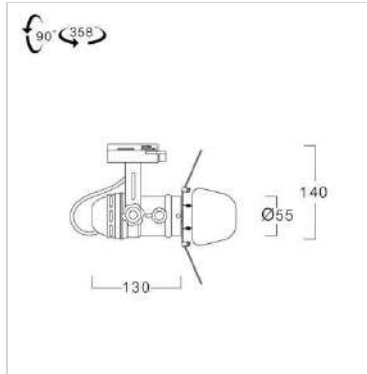
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	4-7W
Light Source	LED-PAR16
Lamp Holder	GU10
Colour Temperature	2700/3000/4000K
CRI	>80
Lamp Output	6.5W : 270/3000/4000K : >580 lm 7W : 3000/4000K : 670 lm
Power Supply	6.5W : 220-240VAC, 50Hz 7W : 220VAC, 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Lamp Lifetime	6.5W : 50,000 hrs. 7W : 15,000 hrs.

Ordering Data

Model	Watt
TRP93/BK-XXLED-PAR16	4-7W
TRP93/WH-XXLED-PAR16	4-7W



TRP95

Application

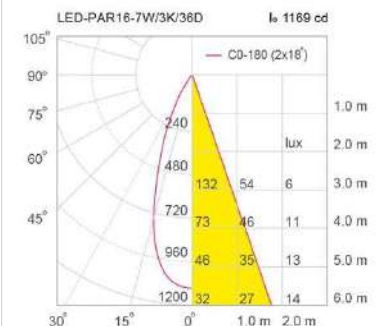
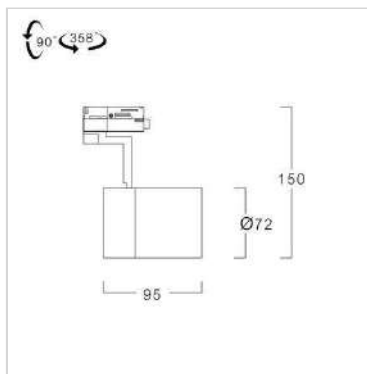
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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	2700/3000/4000K
CRI	>80
Lamp Output	6.5W : 270/3000/4000K : >580 lm 7W : 3000/4000K : 670 lm
Power Supply	6.5W : 220-240VAC, 50Hz 7W : 220VAC, 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Luminaire Lifetime	6.5W : 50,000 hrs. 7W : 15,000 hrs.

Ordering Data

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



LED Spot / Track Light



TRP135

Application

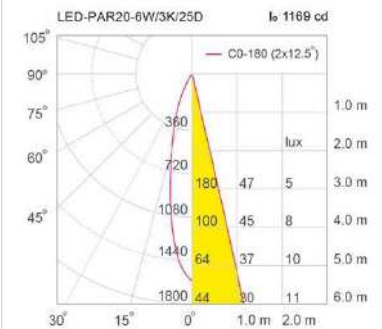
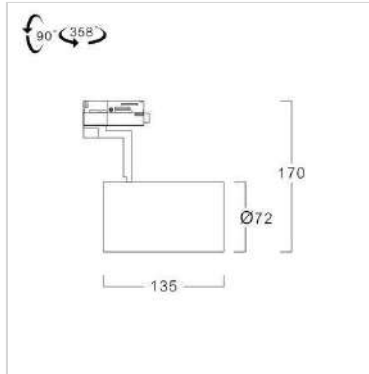
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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	3000K
Lamp Output	6W : 3000K : 600 lm
Power Supply	220VAC, 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Lamp Lifetime	20,000 hrs.

Ordering Data

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



TRP135S

Application

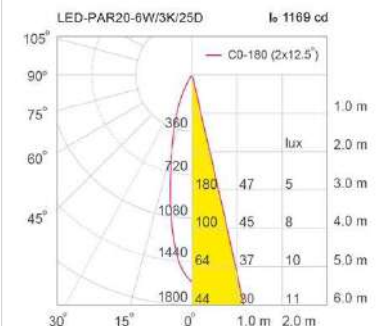
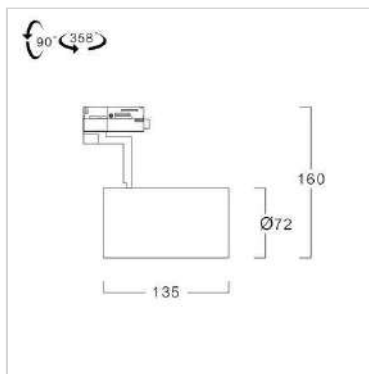
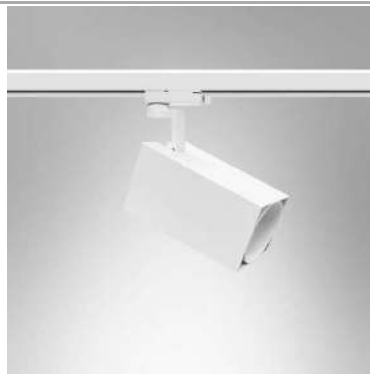
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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	3000K
Lamp Output	6W : 3000K : 600 lm
Power Supply	220VAC, 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Lamp Lifetime	20,000 hrs.

Ordering Data

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



LED Spot / Track Light



TRP145

Application

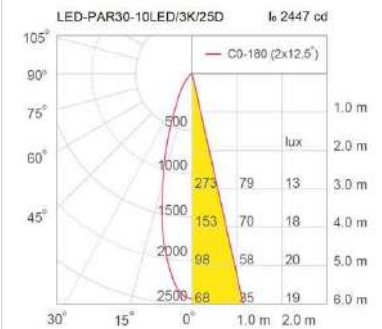
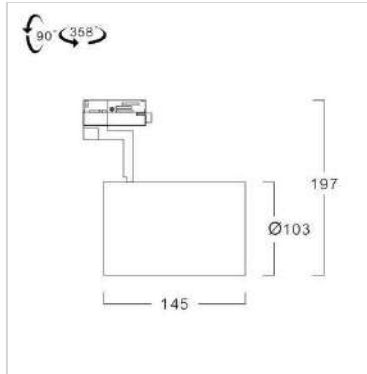
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	9-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	9W : 640 lm
Power Supply	220VAC, 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
LED Lifetime	25,000 hrs.

Ordering Data

Model	Watt
TRP145/BK-XXLED-PAR30	9-10W
TRP145/WH-XXLED-PAR30	9-10W



TRP145S

Application

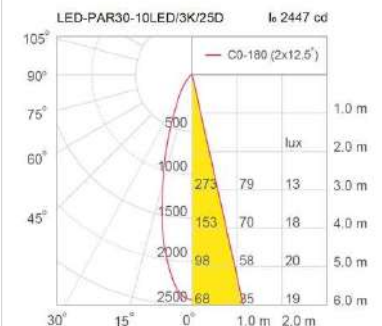
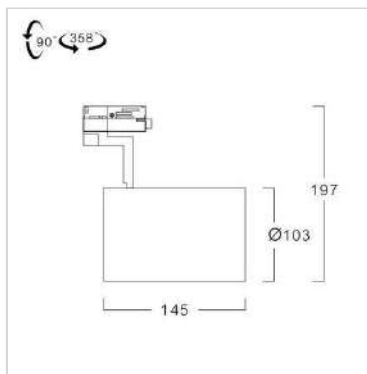
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	9-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	9W : 640 lm
Power Supply	220VAC, 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
TRP145S/BK-XXLED-PAR30	9-10W
TRP145S/WH-XXLED-PAR30	9-10W



LED Spot / Track Light



TRP155

Application

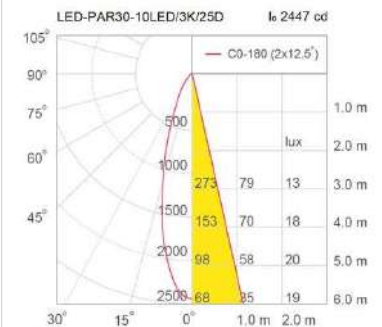
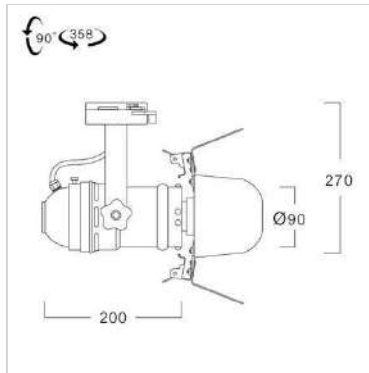
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder Coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	9-10W
Light Source	LED-PAR30
Lamp Holder	E27
Colour Temperature	3000/6500K
Lamp Output	9W : 640 lm
Power Supply	220VAC, 50Hz
Power Factor	N/A
Insulation Class	II
IP Rating	20
Lamp Lifetime	25,000 hrs.

Ordering Data

Model	Watt
TRP155/WH-XXLED-PAR30	9-10W



TRP116

Application

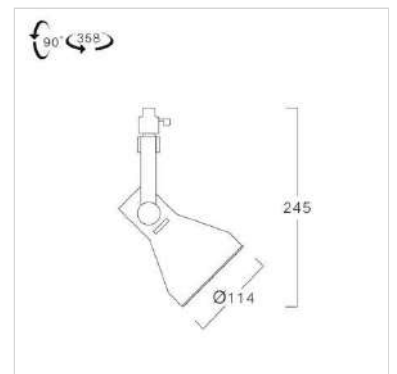
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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
CRI	>80
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
Power Factor	N/A
Insulation Class	II
IP Rating	20
Lamp Lifetime	25,000 hrs.

Ordering Data

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



LED Spot / Tracklight



TRL651K

Application

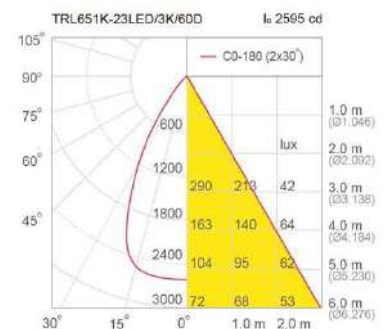
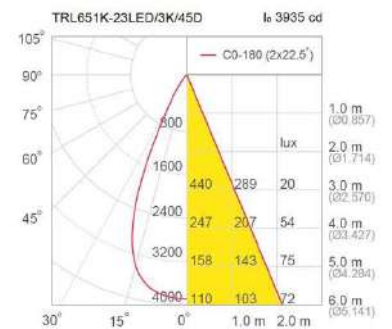
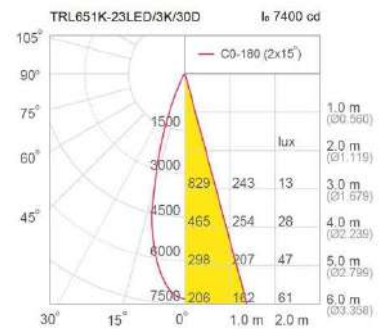
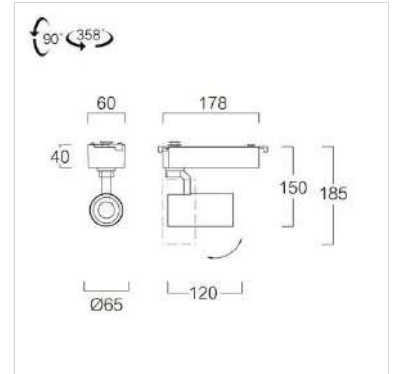
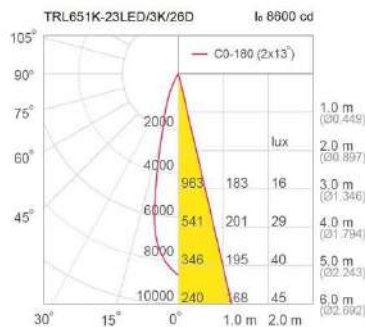
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

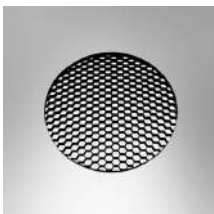
Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	20W : 1975/2133/2311 lm * 23W : 2296/2480/2686 lm *
Beam Angle	26/30/45/60 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	* Value at 45 Degree

Ordering Data

Model	Watt
TRL651K/WH-20LED	20W
TRL651K/WH-23LED	23W



Accessories



Honey comb

LED Spot / Tracklight



TRL801K

Application

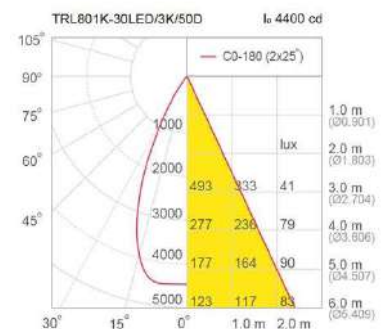
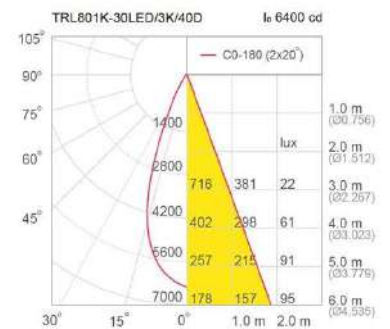
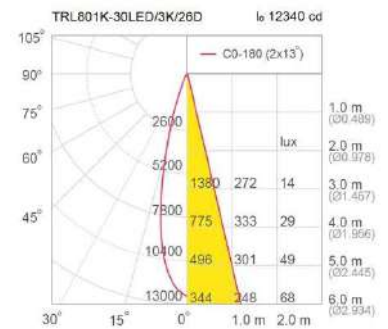
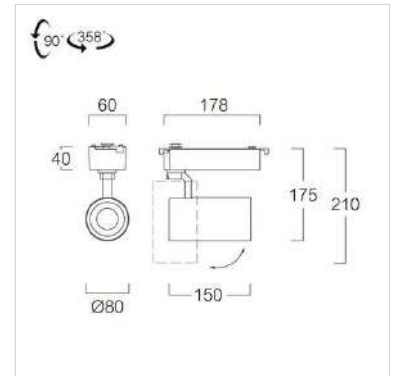
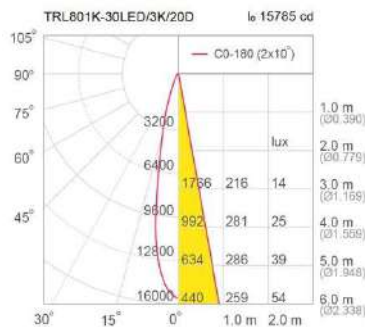
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

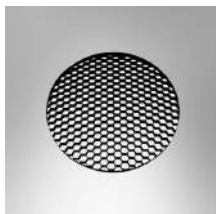
Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	23/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm
Luminaire Output	23W : 2358/2547/2759 lm* 30W : 3094/3342/3558 lm*
Beam Angle	20/26/40/50 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	* Value at 40 Degree

Ordering Data

Model	Watt
TRL801K/WH-23LED	23W
TRL801K/WH-30LED	30W



Accessories



Honey Comb

LED Spot / Tracklight



TRL1001K

Application

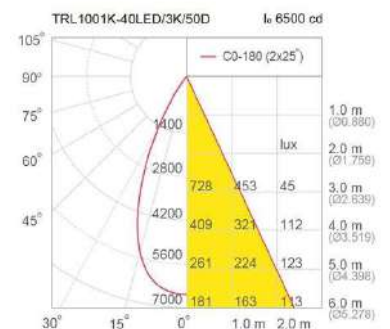
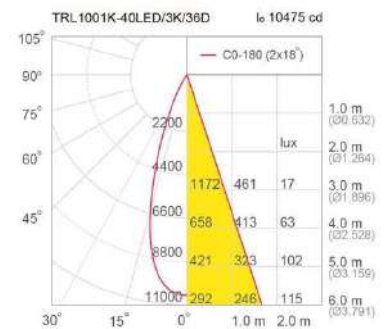
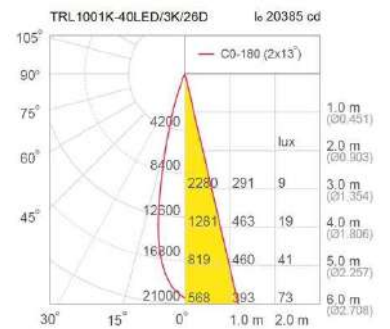
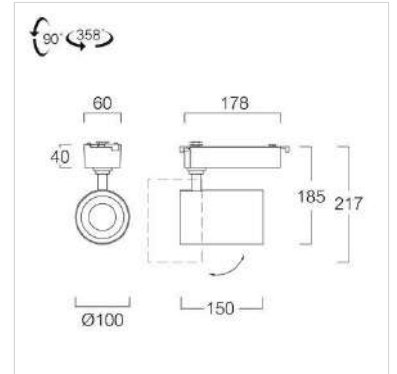
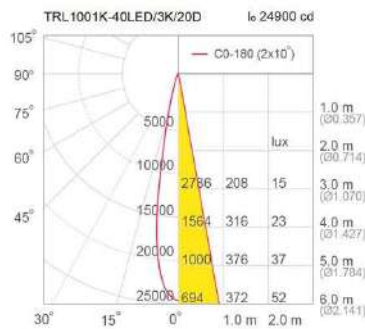
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

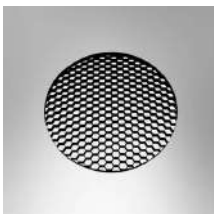
Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	30/35/40W
Light Source	LED-COB
Colour Temperature	3000K/4000K/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm 40W : 4665/4995/5270 lm
Luminaire Output	30W : 3096/3343/3560 lm * 35W : 3453/3729/3487 lm * 40W : 3783/4048/4275 lm *
Beam Angle	20/26/36/50 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	* Value at 26 degree

Ordering Data

Model	Watt
TRL1001K/WH-30LED	30W
TRL1001K/WH-35LED	35W
TRL1001K/WH-40LED	40W



Accessories



Honey Comb

LED Spot / Tracklight



TRL50K

Application

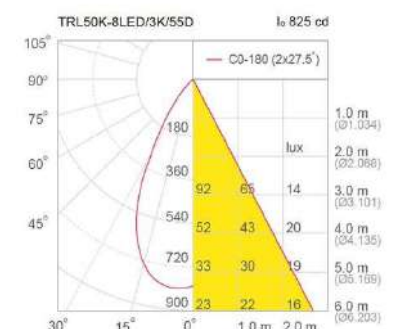
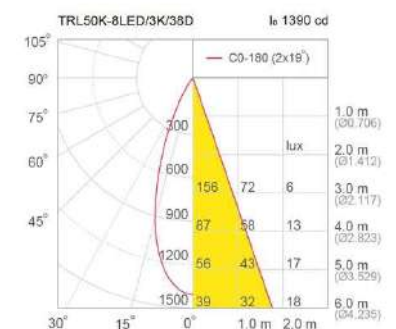
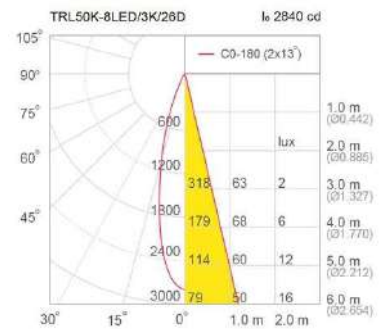
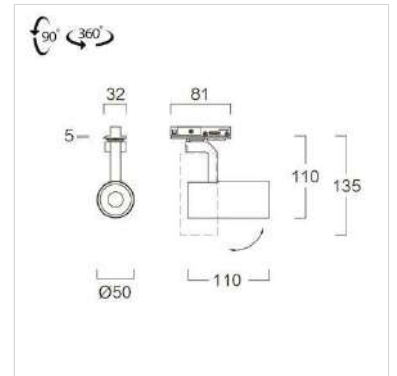
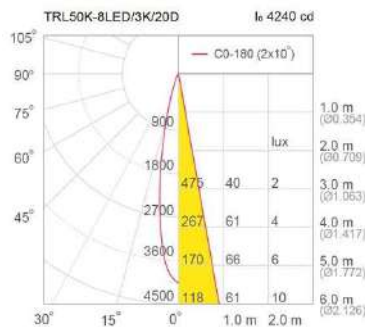
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

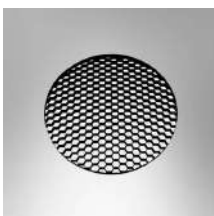
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	8W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/6500K as optional)
CRI	>90/ >90/ >80
LED Output	8W : 960/1032/1224 lm
Luminaire Output	8W : 654/706/760 lm *
Beam Angle	20/26/38/55 Degree
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Lamp Lifetime	50,000 hrs.
Remarks	* Value at 20 Degree

Ordering Data

Model	Watt
TRL50K/WH-8LED	8W



Accessories



Honey Comb

LED Spot / Tracklight



TRL65K

Application

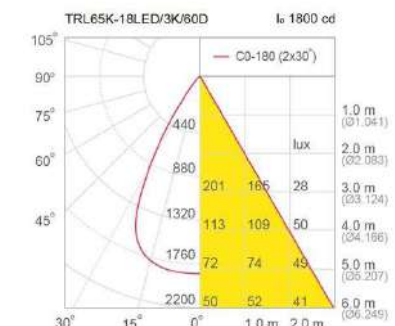
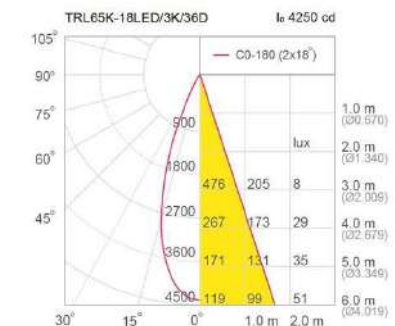
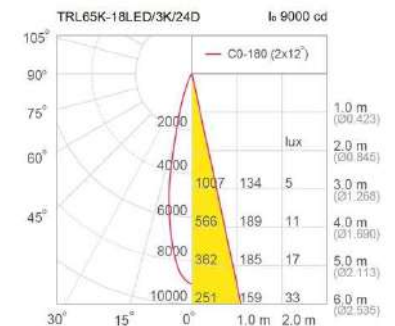
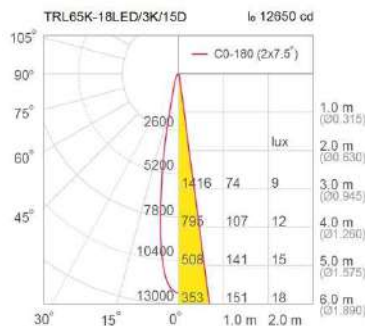
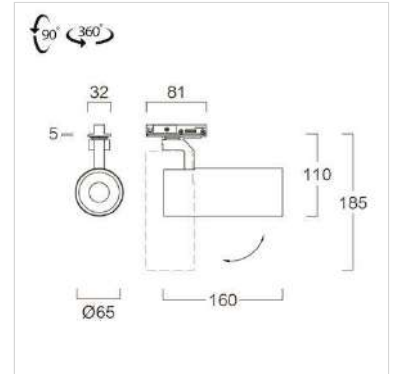
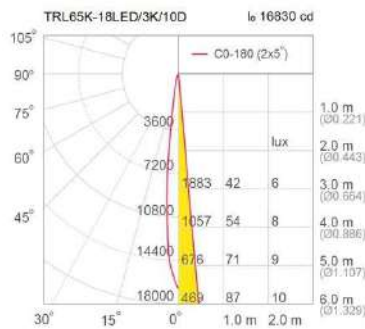
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

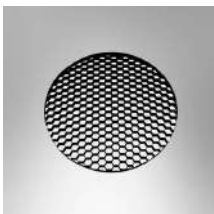
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	10/14/18W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	10W : 1120/1215/1290 lm 14W : 1540/1660/1805 lm 18W : 2062/2226/2418 lm
Luminaire Output	10W : 1001/1081/1151 lm* 14W : 1390/1501/1626 lm* 18W : 1733/1872/2028 lm*
Beam Angle	10/15/24/36/60 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	* Value at 24 Degree

Ordering Data

Model	Watt
TRL65K/WH-10LED	10W
TRL65K/WH-14LED	14W
TRL65K/WH-18LED	18W



Accessories



Honey comb

LED Spot / Tracklight



TRL80K

Application

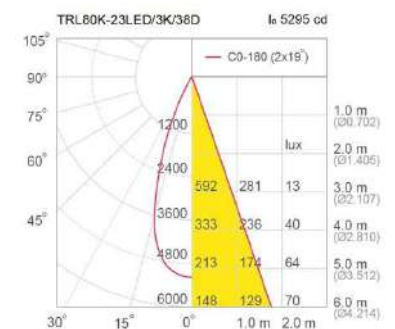
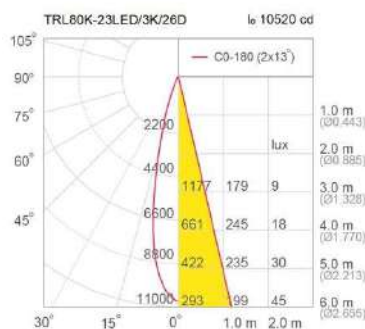
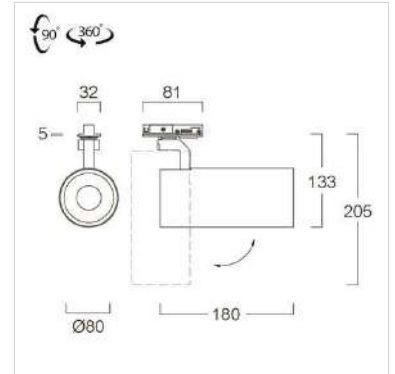
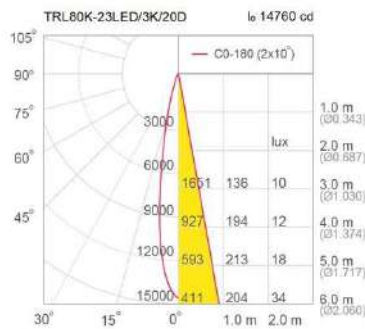
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

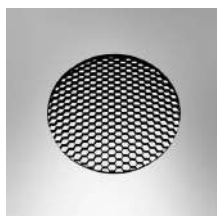
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	14/18/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K 2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1540/1660/1805 lm 18W : 2062/2226/2418 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1377/1487/1611 lm* 18W : 1709/1846/2000 lm* 20W : 1936/2091/2265 lm** 23W : 2305/2490/2697 lm**
Beam Angle	14/18W : 10/15/20/36/50 Degree 20/23W : 20/26/38/50 Degree
UGR	<19
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	* Value at 36 Degree ** Value at 38 Degree

Ordering Data

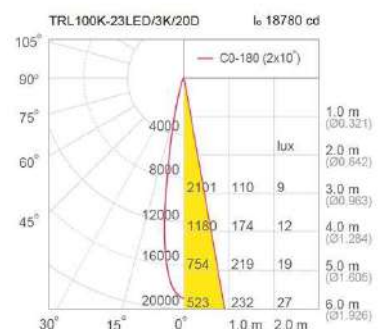
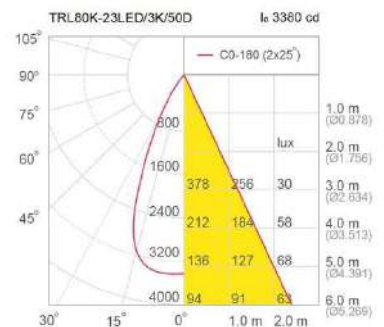
Model	Watt
TRL80K/WH-14LED	14W
TRL80K/WH-18LED	18W
TRL80K/WH-20LED	20W
TRL80K/WH-23LED	23W



Accessories



Honey Comb



LED Spot / Tracklight



TIS TRL100K

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.

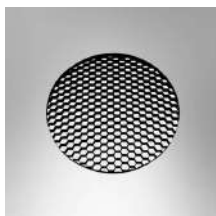
Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	18/23/27/30W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	18W : 2062/2226/2418 lm 23W : 2635/2845/3090 lm 27W : 3065/3300/3515 lm 30W : 3500/3770/4015 lm
Luminaire Output	18W : 1597/1725/1869 lm * 23W : 2491/2690/2915 lm** 27W : 2847/3046/3275 lm ** 30W : 3096/3343/3560 lm **
Beam Angle	18W : 12/20/26/36/50 Degree 23/27/30W : 20/26/36/50 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	* Value at 12 Degree ** Value at 26 Degree

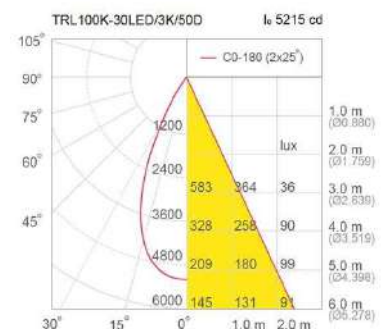
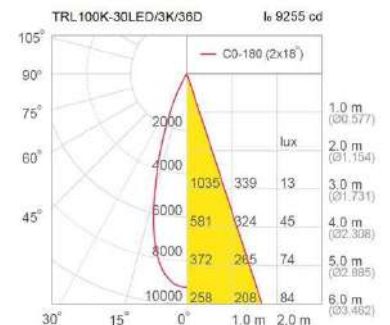
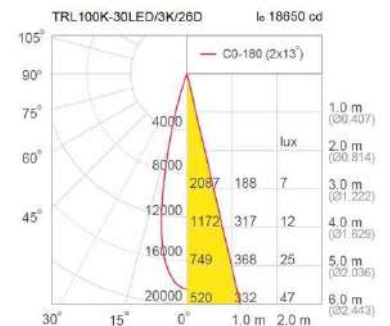
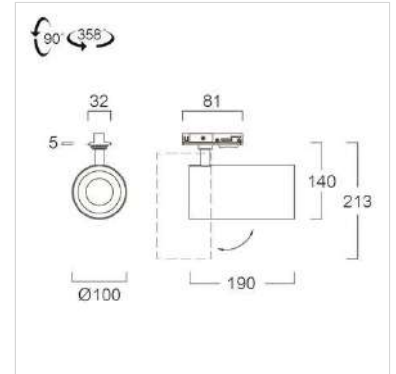
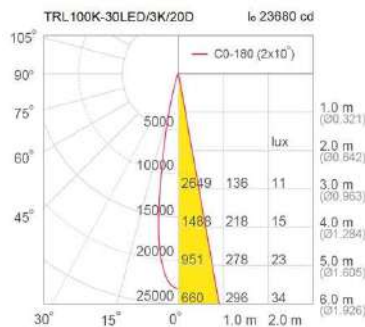
Ordering Data

Model	Watt
TRL100K/WH-18LED	18W
TRL100K/WH-23LED	23W
TRL100K/WH-27LED	27W
TRL100K/WH-30LED	30W

Accessories



Honey Comb



LED Spot / Tracklight



TRL120

Application

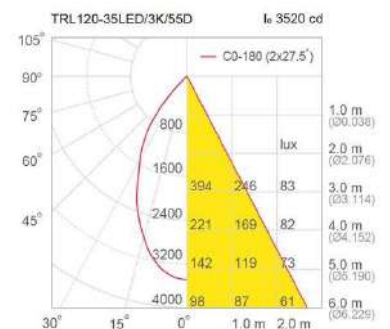
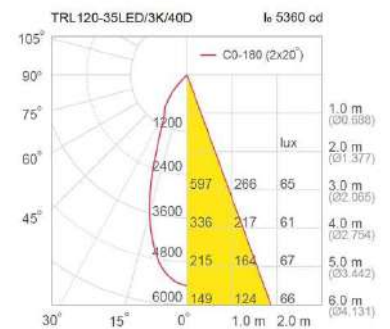
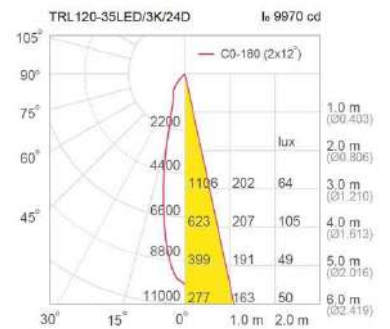
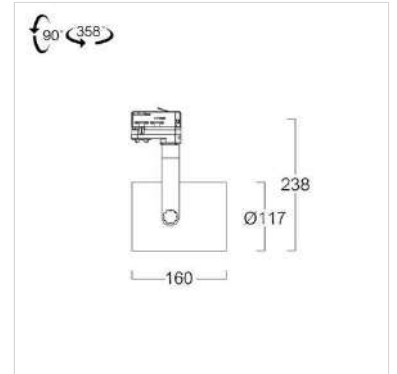
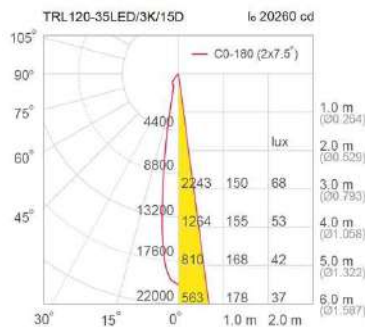
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	30/35W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm
Luminaire Output	30W : 2870/3091/3292 lm* 35W : 3230/3481/3706 lm*
Beam Angle	15/24/40/55 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	* Value at 24 Degree

Ordering Data

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



LED Spot / Tracklight



TRL191

Application

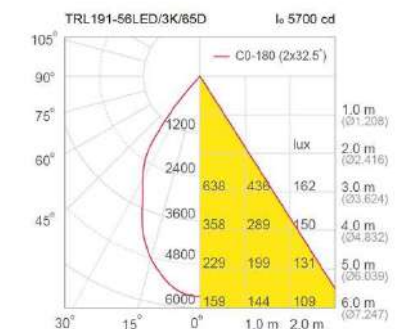
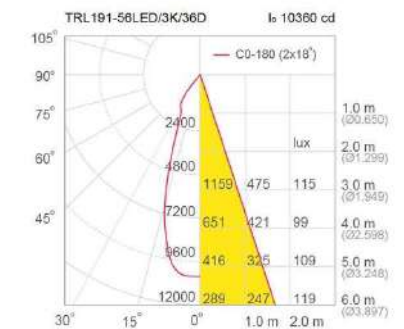
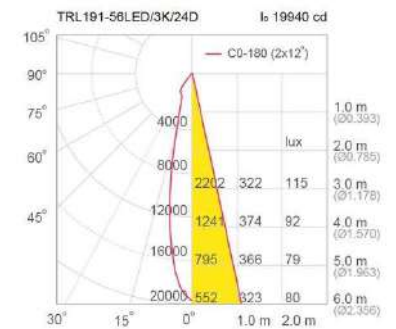
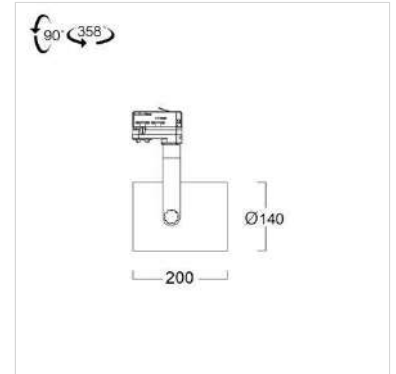
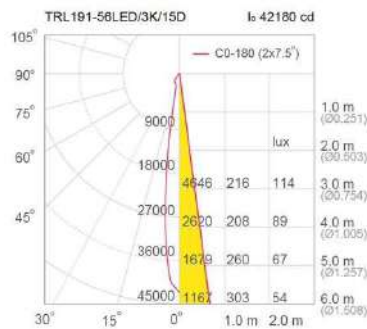
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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 (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	56W : 6665/7135/7602 lm
Luminaire Output	56W : 5170/5532/5894 lm*
Beam Angle	15/24/36/65 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	* Value at 24 Degree

Ordering Data

Model	Watt
TRL191/WH-56LED	56W



LED Spot / Tracklight



TRL10075L

Application

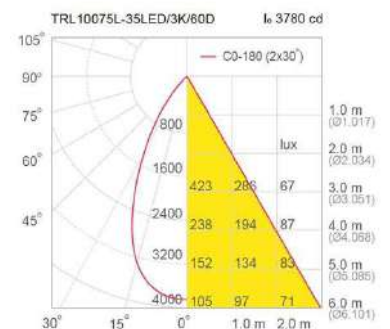
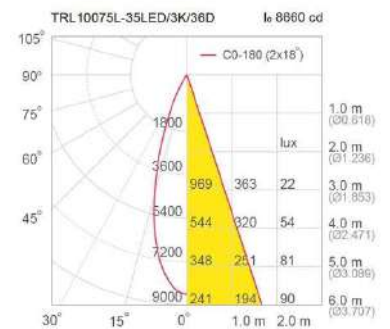
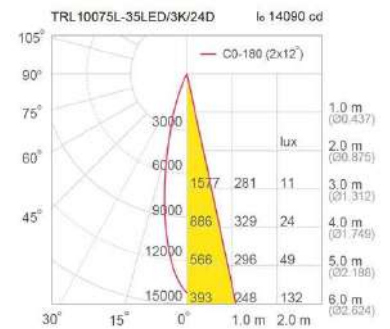
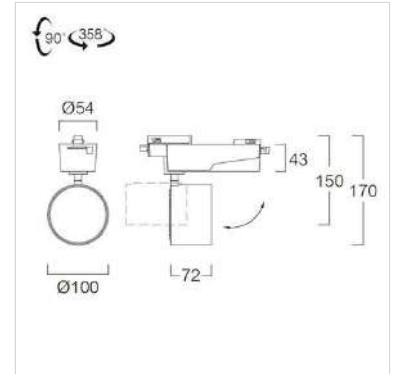
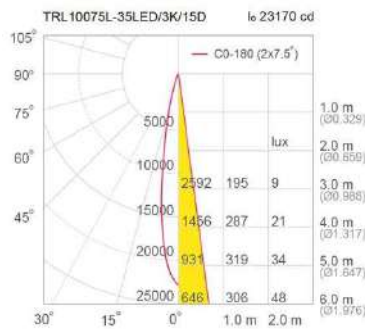
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	20/23/30/35W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm 30W : 3500/3770/4015 lm 35W : 3940/4245/4520 lm
Luminaire Output	20W : 1810/1955/2120 lm 23W : 2125/2295/2490 lm 30W : 2730/2950/3140 lm 35W : 3040/3285/3500 lm
Beam Angle	15/24/36/60 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
TRL10075L/WH-20LED	20W
TRL10075L/WH-23LED	23W
TRL10075L/WH-30LED	30W
TRL10075L/WH-35LED	35W



LED Spot / Tracklight



TRL68125Z/S

Application

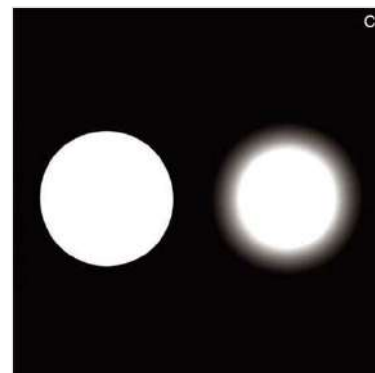
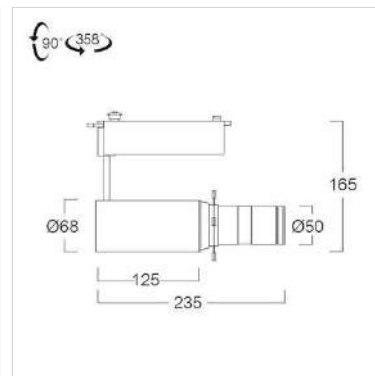
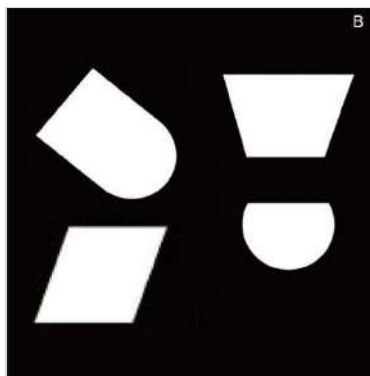
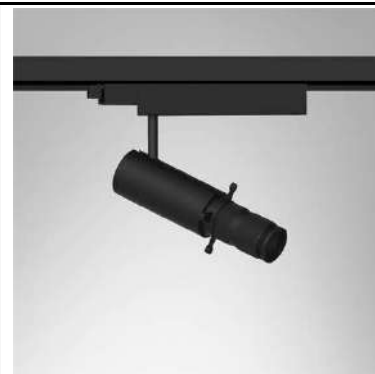
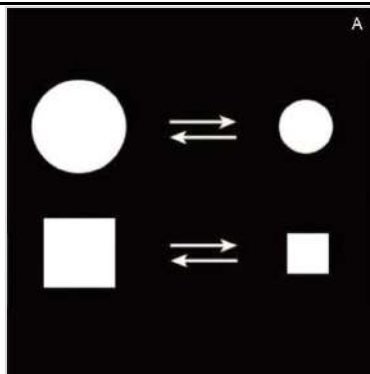
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	1 circuit lighting track (LTS01/LTR01)
Power	27W
Light Source	LED-COB
Colour Temperature	3000/4000K
CRI	>90/ >90
LED Output	27W : 3584/3859 lm
Beam Angle	Zoomable 30-45 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 (Optional)
Power Supply	220-240VAC,50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	Can adjustable A :beam angle B :the light cutting C :the sharpness

Ordering Data

Model	Watt
TRL68125Z/S/BK-27LED	27W



LED Spot / Tracklight



TIS TRL76Z

Application

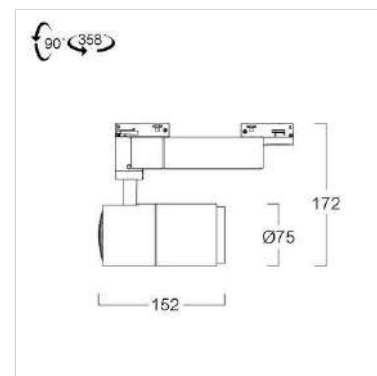
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

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
LED 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
Control	DIM PHASE/0-10V/DALI-2
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

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



Lighting Track System



LTS01

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.

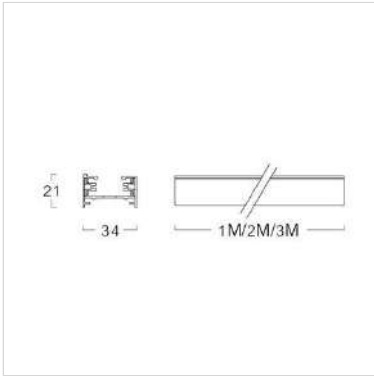
Specification

Housing	Extruded aluminium with copper wire for maximum current 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)	-



Accessories



Power supply/End cap connector



I Connector



L Connector



T Connector



X Connector

Lighting Track System



TIS LTR01

Application

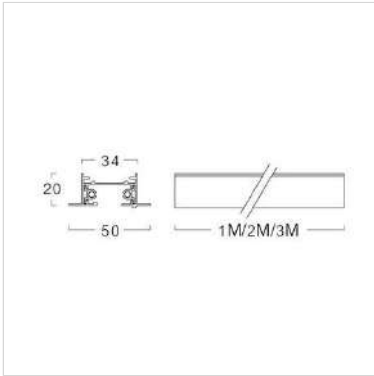
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Extruded aluminium with copper wire for maximum current 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)	-



Accessories



Power supply/End cap connector I Connector L Connector T Connector

Lighting Track System



 LTS03

Application

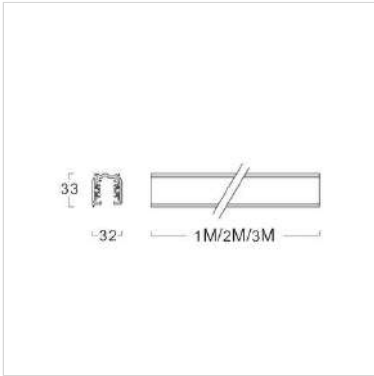
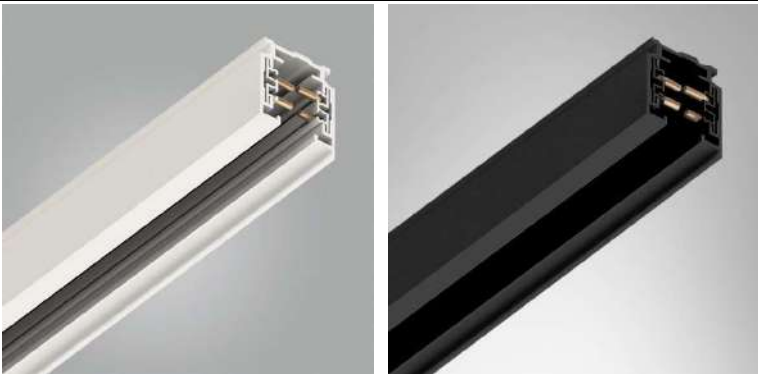
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

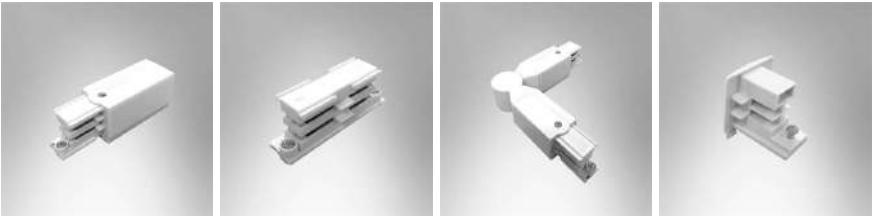
Housing	Extruded aluminium with copper wire for maximum current 16A (Max.3520W)
Finishing	Powder Coated in white or black
Mounting Surface	
Power Supply	3 Circuits 220-240VAC,50Hz
Power Factor	N/A
Insulation Class	I
IP Rating	20
Remarks	3 Circuits for Non-dim or Dim phase

Ordering Data

Model	Watt
LTS03/WH 1.0 m.	-
LTS03/WH 2.0 m.	-
LTS03/WH 3.0 m.	-
LTS03-ECAP/WH (End cap)	-
LTS03-I/WH (I Connector)	-
LTS03-L/WH (L Connector)	-
LTS03-S/WH (Power supply)	-



Accessories



Power supply

I Connector

LA Connector

End cap

Lighting Track System



LTR03

Application

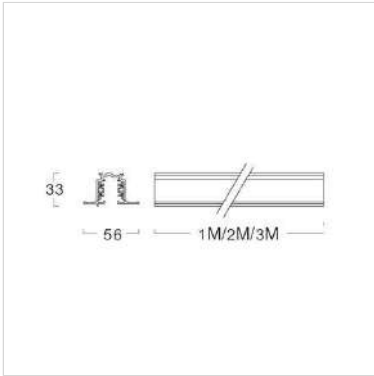
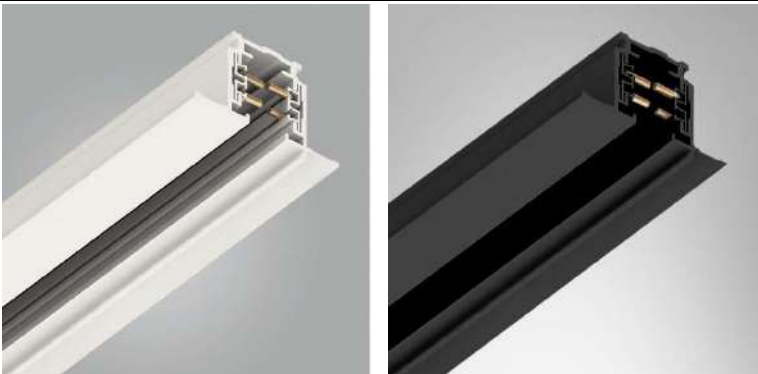
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Extruded aluminium with copper wire for maximum current 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)	-



Accessories



Lighting Track System



TIS LTS04

Application

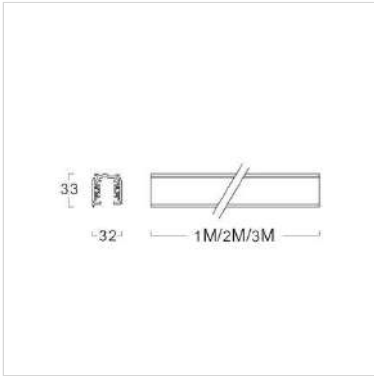
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Extruded aluminium with copper wire for maximum current 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	-



Accessories



Power supply I connector L Connector End cap

Lighting Track System



Application

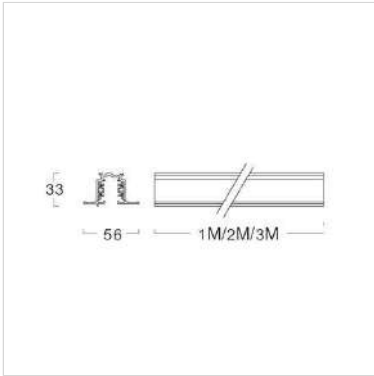
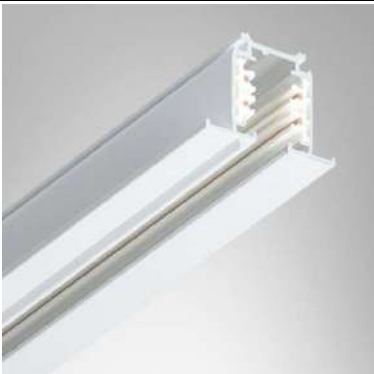
Track light is designed to use for office buildings, shopping centers, convenience stores, modern trade stores, discount stores, hotels, restaurants, residences, museums, recreational centers, etc.

Specification

Housing	Extruded aluminium with copper wire for maximum current 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	-
LTR04/WH-I for Dim 0/1-10 or DALI	-
LTR04/WH-Ecap for Dim 0/1-10 or DALI	-



Accessories





Indoor Lighting

Pendant/Wall/Table/Floor lamps

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

Pendant Luminaires



PSAL102K (14-23W)



PSAL115E (14-30W)



(28-60W)



PDL65K (10-18W)



PDL80K (14-23W)



PDL100K (23/27W)

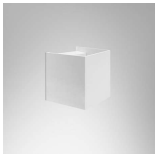


PAL102K (14-23W)



PAL135K (18-35W)

Wall Mount Luminaires



PIXEL (6W)



WRL45O (1W)



WRL65O (1W)



WRL45O (1W)



WRL65 (1W)



WRL65I (1W)



WRL77 (2W)

LED Pendant



PSAL102K

Application

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

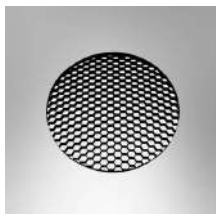
Specification

Housing	Die-cast 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) Powder coated in white or black
Finishing	Pendant
Mounting	14/20/23W
Power	LED COB
Light Source	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
Colour Temperature	>90/ >90/ >80
CRI	14W : 1540/1540/1660 lm 20W : 2220/2200/2370 lm 23W : 2635/2635/2845 lm
LED Output	14W : 1425/1425/1520 lm * 20W : 2015/2015/2155 lm * 23W : 2360/2360/2525 lm *
Luminaire Output	14W : 10/15/26/32/45/55 Degree 20/23W : 26/32/45/55 Degree
Beam Angle	<19
UGR	Built-in driver
Control Gear	DIM PHASE/0-10V/DALI-2
Control	/DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	* Value at 45 degree

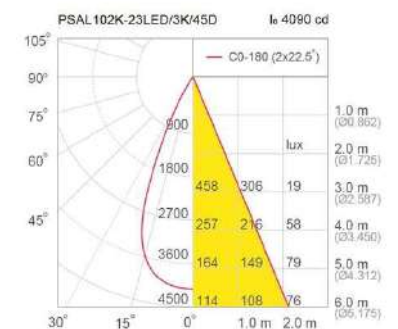
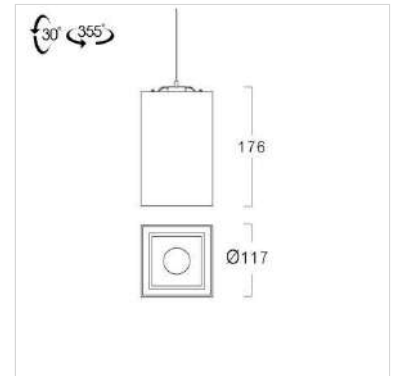
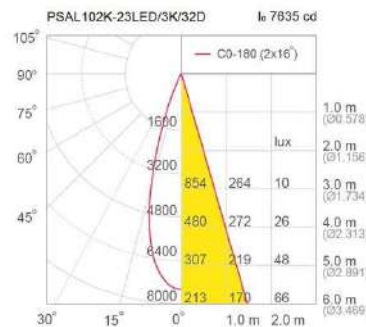
Ordering Data

Model	Watt
PSAL102K/MI/WH-14LED	14W
PSAL102K/MI/WH-20LED	20W
PSAL102K/MI/WH-23LED	23W

Accessories



Honey Comb



LED Pendant



PSAL115E

Application

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

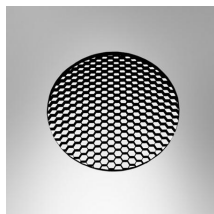
Specification

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 1 lamp : 30W / 2 lamps : 60W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED 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
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	*Value at 24 Degree

Ordering Data

Model	Watt
PSAL115E/BK-1x14LED	14W
PSAL115E/BK-1x20LED	20W
PSAL115E/BK-1x23LED	23W
PSAL115E/BK-2x14LED	28W
PSAL115E/BK-1x30LED	30W
PSAL115E/BK-2x20LED	40W
PSAL115E/BK-2x23LED	46W
PSAL115E/BK-2x30LED	60W

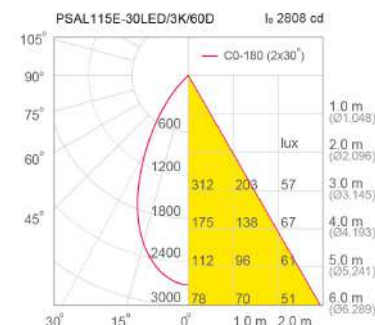
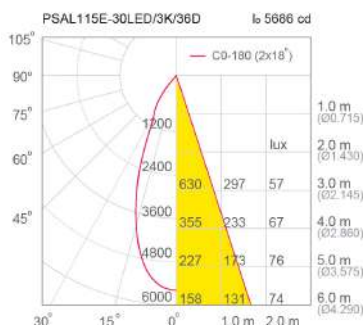
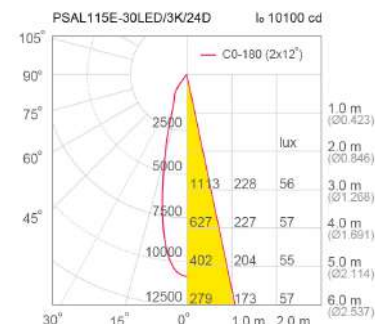
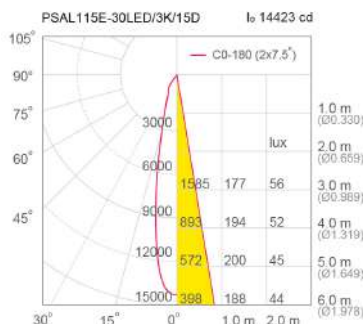
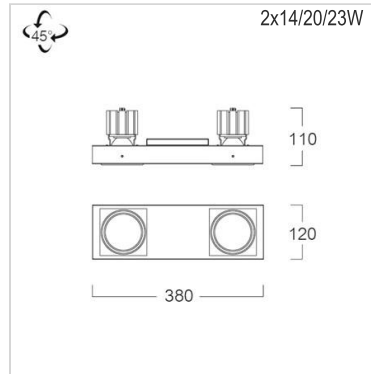
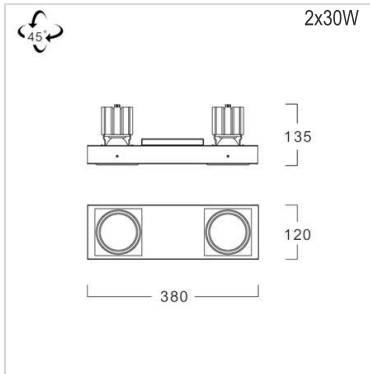
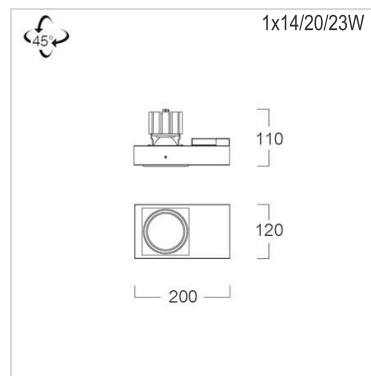
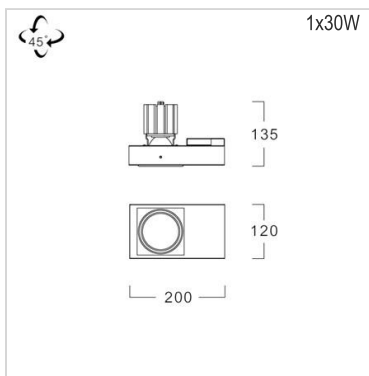
Accessories



Honey comb



Hood



 **PDL65K**

Application

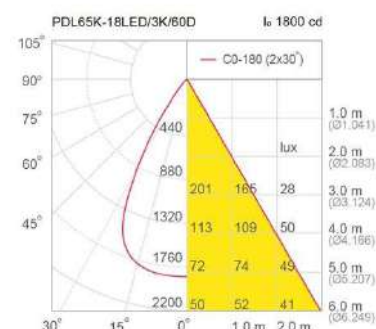
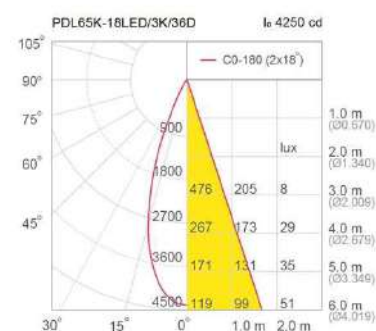
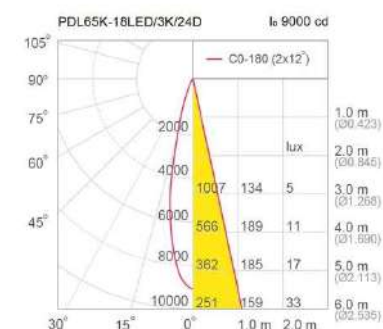
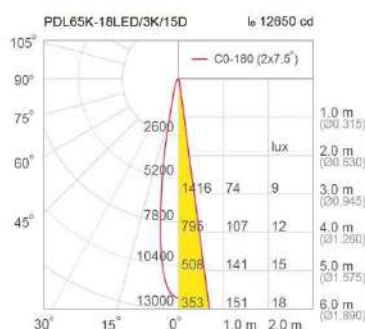
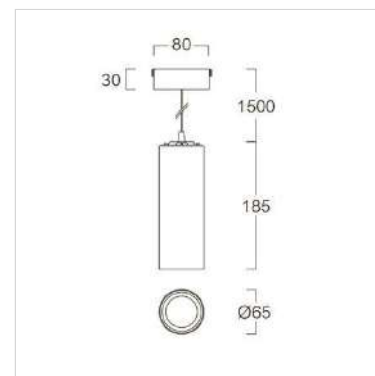
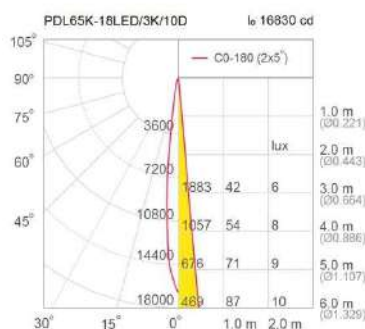
Pendant luminaire is designed to use for office buildings,book stores,discount stores,shopping centers,convenience stores,residences,hotels,resturants,hospitals,etc.

Specification

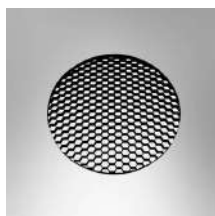
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	suspension wires lenght 1.50 m.
Power	10/14/18W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K

CRI	>90/ >90/ >80
LED Output	10W : 1120/1215/1290 lm 14W : 1540/1660/1805 lm 18W : 2062/2226/2418 lm
Luminaire Output	10W : 1001/1081/1151 lm* 14W : 1390/1501/1626 lm* 18W : 1733/1872/2028 lm*
Beam Angle	10/15/24/36/60 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2

Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	* Value at 24 Degree



Accessories



Honey comb

LED Pendant



PDL80K

Application

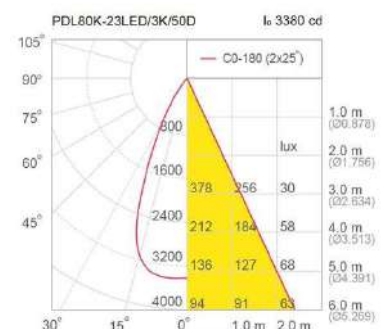
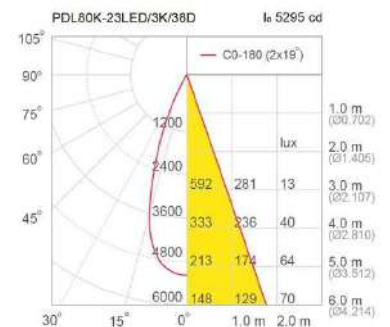
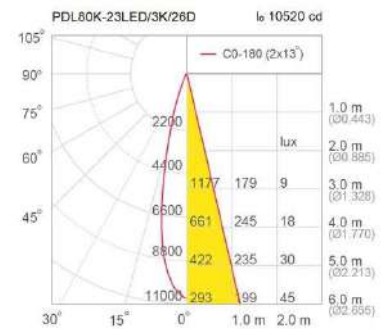
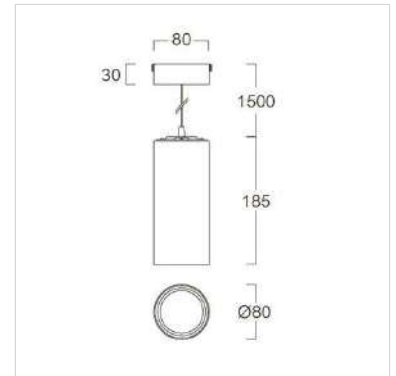
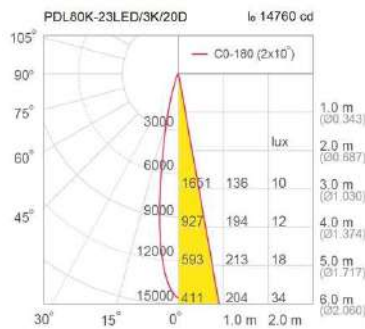
Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

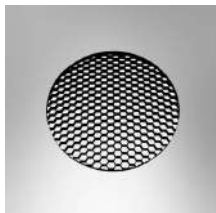
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	suspension wires lenght 1.50 m.
Power	14/18/20/23W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	14W : 1540/1660/1805 lm 18W : 2062/2226/2418 lm 20W : 2200/2370/2575 lm 23W : 2635/2845/3090 lm
Luminaire Output	14W : 1377/1487/1611 lm* 18W : 1709/1846/2000 lm* 20W : 1936/2091/2265 lm** 23W : 2305/2490/2697 lm**
Beam Angle	14/18W : 10/15/20/36/50 Degree 20/23W : 20/26/38/50 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	* Value at 36 Degree ** Value at 38 Degree

Ordering Data

Model	Watt
PDL80K/WH-14LED	14W
PDL80K/WH-18LED	18W
PDL80K/WH-20LED	20W
PDL80K/WH-23LED	23W



Accessories



Honey Comb

LED Pendant



TIS PDL100K

Application

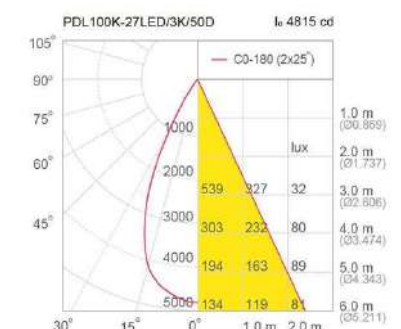
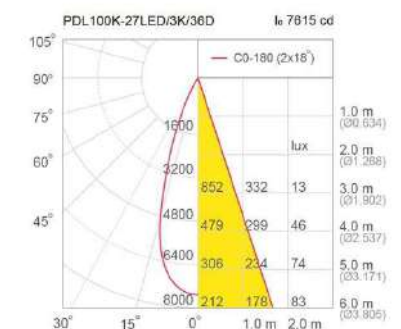
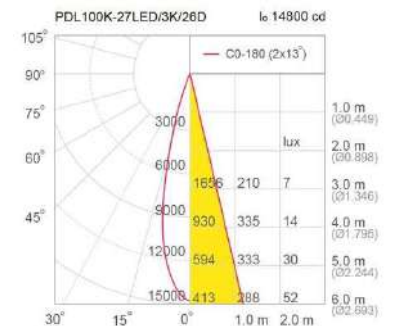
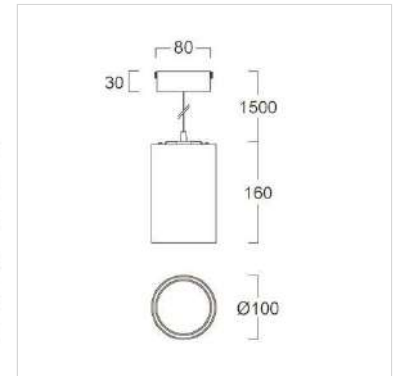
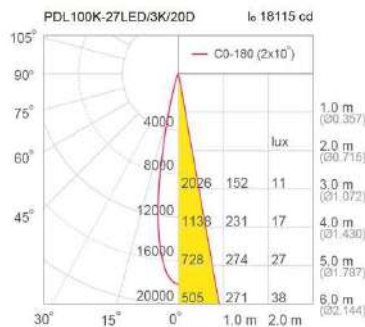
Pendant luminaire is designed to use for office buildings, book stores, discount stores, shopping centers, convenience stores, residences, hotels, restaurants, hospitals, etc.

Specification

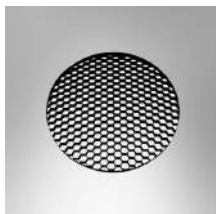
Housing	Die-cast and extruded aluminium
Finishing	Powder coated in white or black
Mounting	suspension wires lenght 1.50 m.
Power	23/27W
Light Source	LED-COB
Colour Temperature	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	23W : 2635/2845/3090 lm 27W : 3065/3300/3515 lm
Luminaire Output	23W : 2491/2690/2915 lm* 27W : 2847/3046/3275 lm *
Beam Angle	20/26/36/50 Degree
Control Gear	Built-in driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs.
Remarks	* Value at 26 Degree

Ordering Data

Model	Watt
PDL100K/WH-23LED	23W
PDL100K/WH-27LED	27W



Accessories



Honey Comb

LED Pendant



TIS PAL102K

Application

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

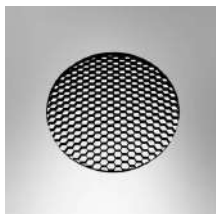
Specification

Housing	Die-cast 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) Powder coated in white or black
Finishing	Pendant
Mounting	14/20/23W
Power	LED COB
Light Source	3000/4000/5000K (2700/3500/6500/2700-6000K as optional)
Colour Temperature	>90/ >90/ >80
CRI	14W : 1540/1540/1660 lm 20W : 2220/2200/2370 lm 23W : 2635/2635/2845 lm
LED Output	14W : 1425/1425/1520 lm * 20W : 2015/2015/2155 lm * 23W : 2360/2360/2525 lm *
Luminaire Output	14W : 10/15/26/32/45/55 Degree 20/23W : 26/32/45/55 Degree
Beam Angle	<19
UGR	Built-in driver
Control Gear	DIM PHASE/0-10V/DALI-2
Control	/DALI-2 DT8 (optional)
Power Supply	220-240VAC, 50Hz
Power Factor	>0.9
Insulation Class	I
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	* Value at 45 degree

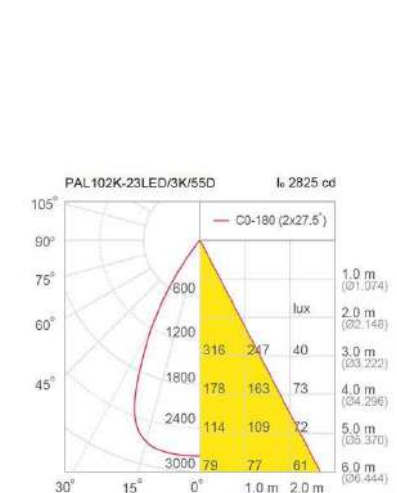
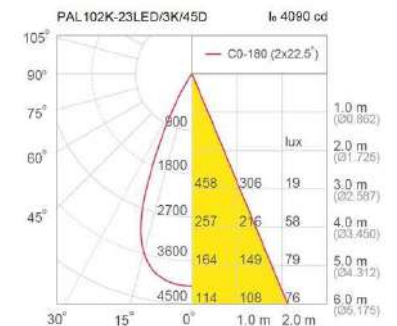
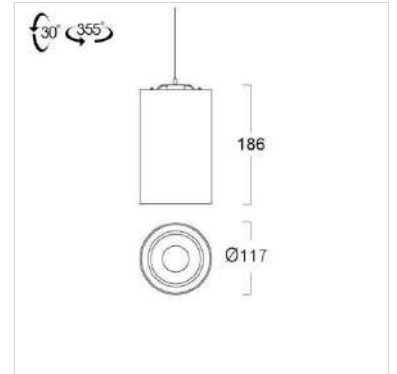
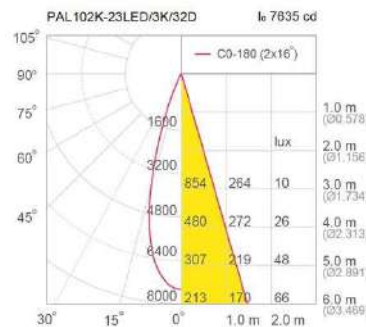
Ordering Data

Model	Watt
PSAL102K/MI/WH-14LED	14W
PSAL102K/MI/WH-20LED	20W
PSAL102K/MI/WH-23LED	23W

Accessories



Honey Comb



LED Pendant



TIS PAL135K

Application

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

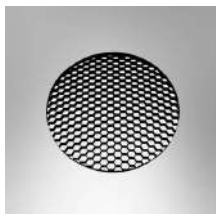
Specification

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
Finishing	Recessed
Mounting	18/30/35/40/49W
Power	LED COB
Light Source	3000/4000/5000K
Colour Temperature	(2700/3500/6500/2700-6000K as optional)
CRI	>90/ >90/ >80
LED Output	18W : 2062/2062/2226 lm 30W : 3500/3500/3770 lm 35W : 3940/3940/4245 lm 40W : 4502/4502/4581 lm
Luminaire Output	18W : 1696/1696/1814 lm * 30W : 3082/3082/3297 lm ** 35W : 3396/3396/3633 lm ** 40W : 3796/3796/4061 lm **
Beam Angle	18W : 8/12 Degree 30/35/40W : 20/26/40/55 Degree
UGR	<19
Control Gear	Separate Driver
Control	DIM PHASE/0-10V/DALI-2 /DALI-2 DT8 (optional)
Power Supply	220-240VAC,50Hz
Power Factor	>0.9
Insulation Class	II
IP Rating	20
Luminaire Lifetime	50,000 hrs
Remarks	* Value at 12 Degree ** Value at 55 Degree

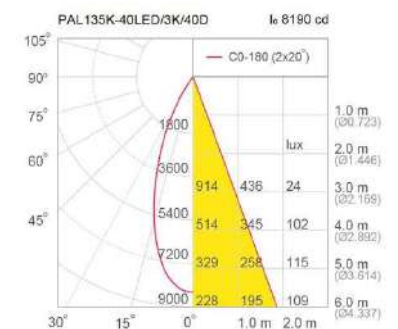
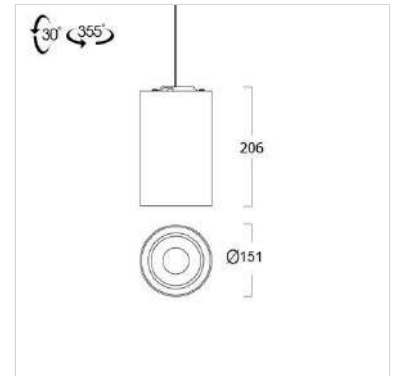
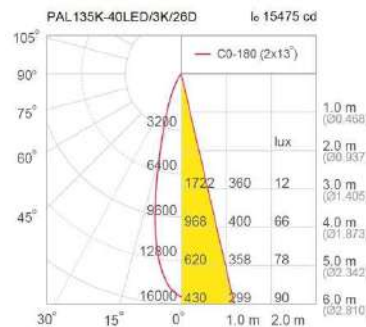
Ordering Data

Model	Watt
PAL135K/MI/WH-18LED	18W
PAL135K/MI/WH-30LED	30W
PAL135K/MI/WH-35LED	35W

Accessories



Honey Comb



LED Wallmount



Application

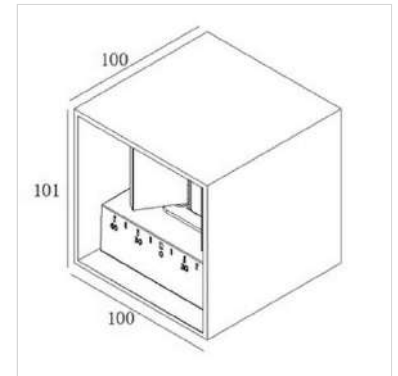
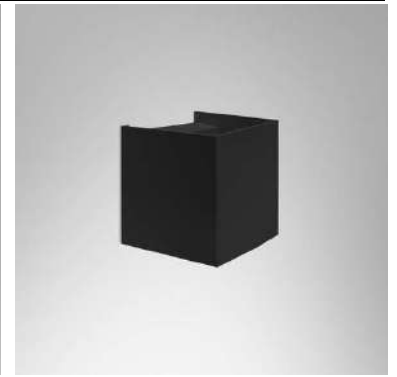
Wall mount luminaire is designed to use for indoor applications such as walkways, steps, wall illumination, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Dimension	100x100x101 mm.
Mounting	Surface
Power	6w
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	270 lm
Beam Angle	Up and down can be adjusted
Control Gear	Use with driver 9V 700mA
Power Supply	220-240VAC, 50Hz
IP Rating	54
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
PIXEL/BK-2x3LED	6W
PIXEL/WH-2x3LED	6W



Application

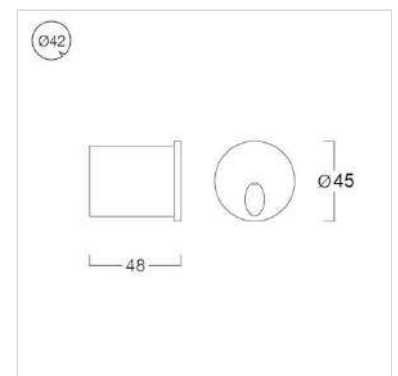
Wall mount luminaire is designed to use for indoor applications such as walkways, steps, wall illumination, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Dimension	dia.45x48 mm.
Mounting	Recessed
Power	1w
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	87 lm
Control Gear	Remote driver 3V 350mA
Power Supply	220-240VAC, 50Hz
IP Rating	20
Luminaire Lifetime	50,000 hrs

Ordering Data

Model	Watt
WRL45O/BK-1LED	1W
WRL45O/WH-1LED	1W



LED Wallmount



WRL650

Application

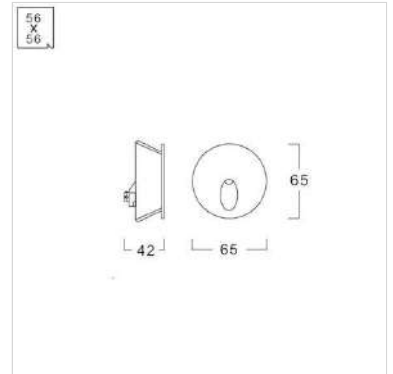
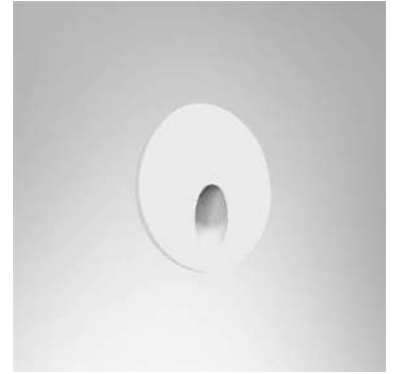
Wall mount luminaire is designed to use for indoor applications such as walkways, steps, wall illumination, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Dimension	dia.65x42 mm.
Mounting	Recessed
Power	1w
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	87 lm
Control Gear	Remote driver 3V 350mA
Power Supply	220-240VAC, 50Hz
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
WRL650/WH-1LED	1W



WRSL450

Application

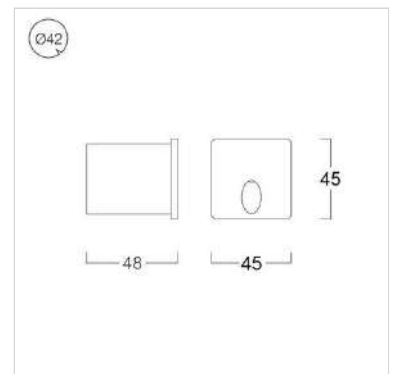
Wall mount luminaire is designed to use for indoor applications such as walkways, steps, wall illumination, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Dimension	dia.45x48 mm.
Mounting	Recessed
Power	1w
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	87 lm
Control Gear	Remote driver 3V 350mA
Power Supply	220-240VAC, 50Hz
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
WRSL450/BK-1LED	1W
WRSL450/WH-1LED	1W



LED Wallmount



WRSL65

Application

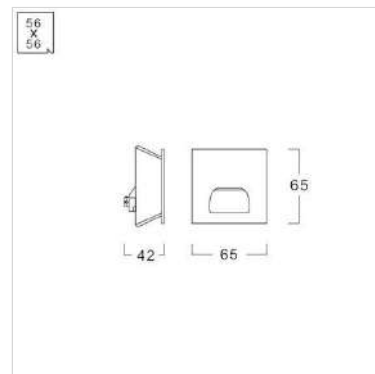
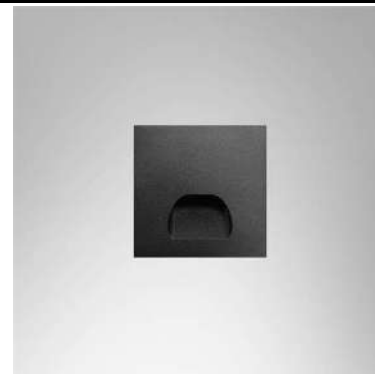
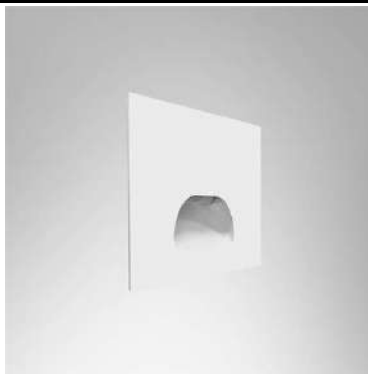
Wall mount luminaire is designed to use for indoor applications such as walkways, steps, wall illumination, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white or black
Dimension	65x65x42 mm.
Mounting	Recessed
Power	1w
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	87 lm
Control Gear	Remote driver 3V 350mA
Power Supply	220-240VAC, 50Hz
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
WRSL65/BK-1LED	1W
WRSL65/WH-1LED	1W



WRSL65I

Application

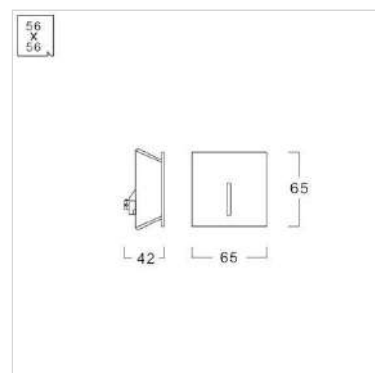
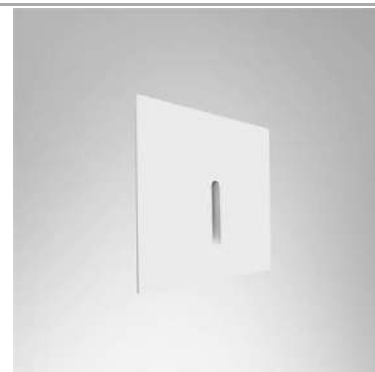
Wall mount luminaire is designed to use for indoor applications such as walkways, steps, wall illumination, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Dimension	65x65x42 mm.
Mounting	Recessed
Power	1w
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	87 lm
Control Gear	Remote driver 3V 350mA
Power Supply	220-240VAC, 50Hz
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
WRSL65I/WH-1LED	1W



LED Wallmount



WRS77

Application

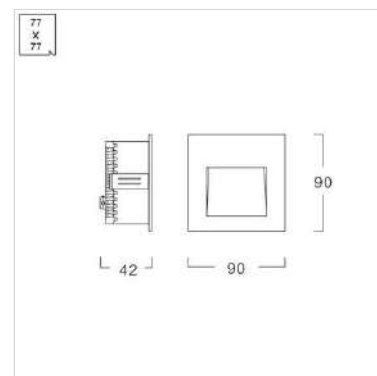
Wall mount luminaire is designed to use for indoor applications such as walkways, steps, wall illumination, etc.

Specification

Housing	Die-cast aluminium
Finishing	Powder coated in white
Dimension	90x90x42 mm.
Mounting	Recessed
Power	2W
Light Source	LED-COB
Colour Temperature	3000K
Luminaire Output	140 lm
Control Gear	Remote driver 9Vdc 350mA
Power Supply	220-240VAC, 50Hz
IP Rating	20
Luminaire Lifetime	50,000 hrs.

Ordering Data

Model	Watt
WRS77/WH-2LED	2W



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



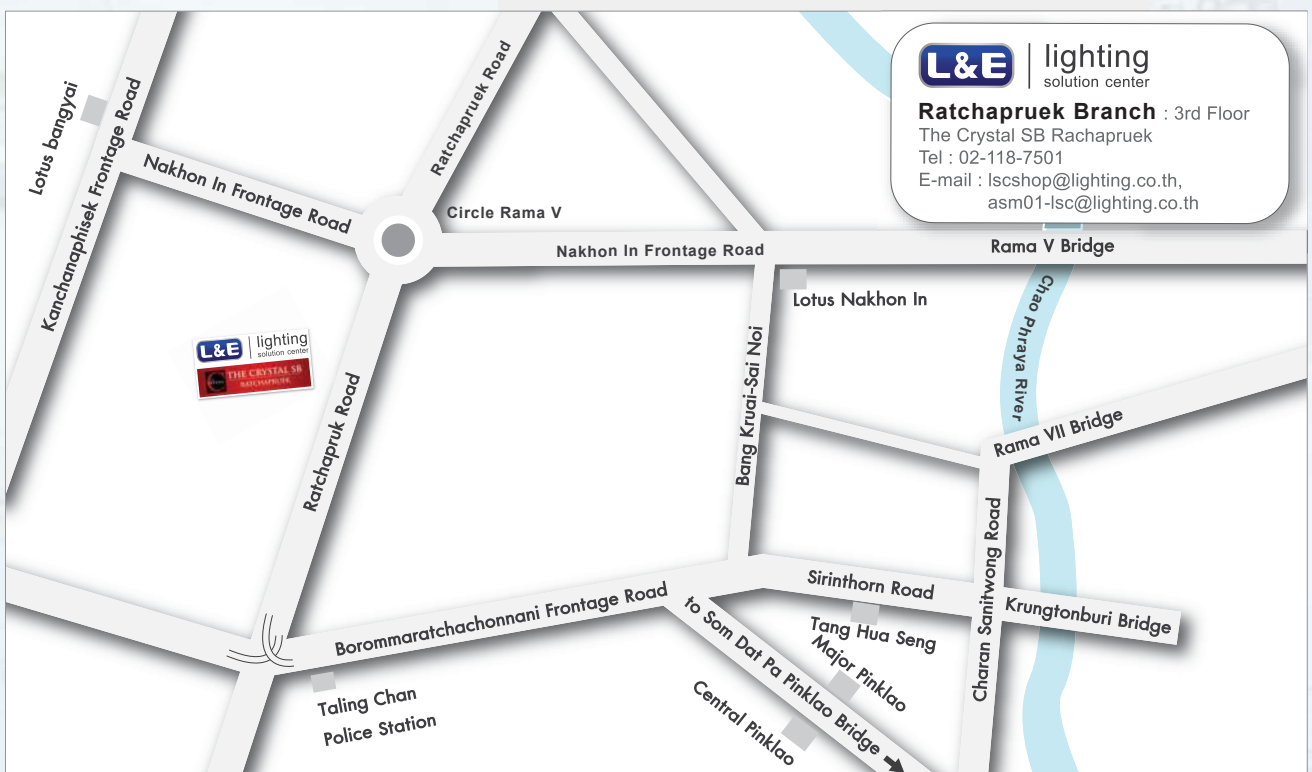
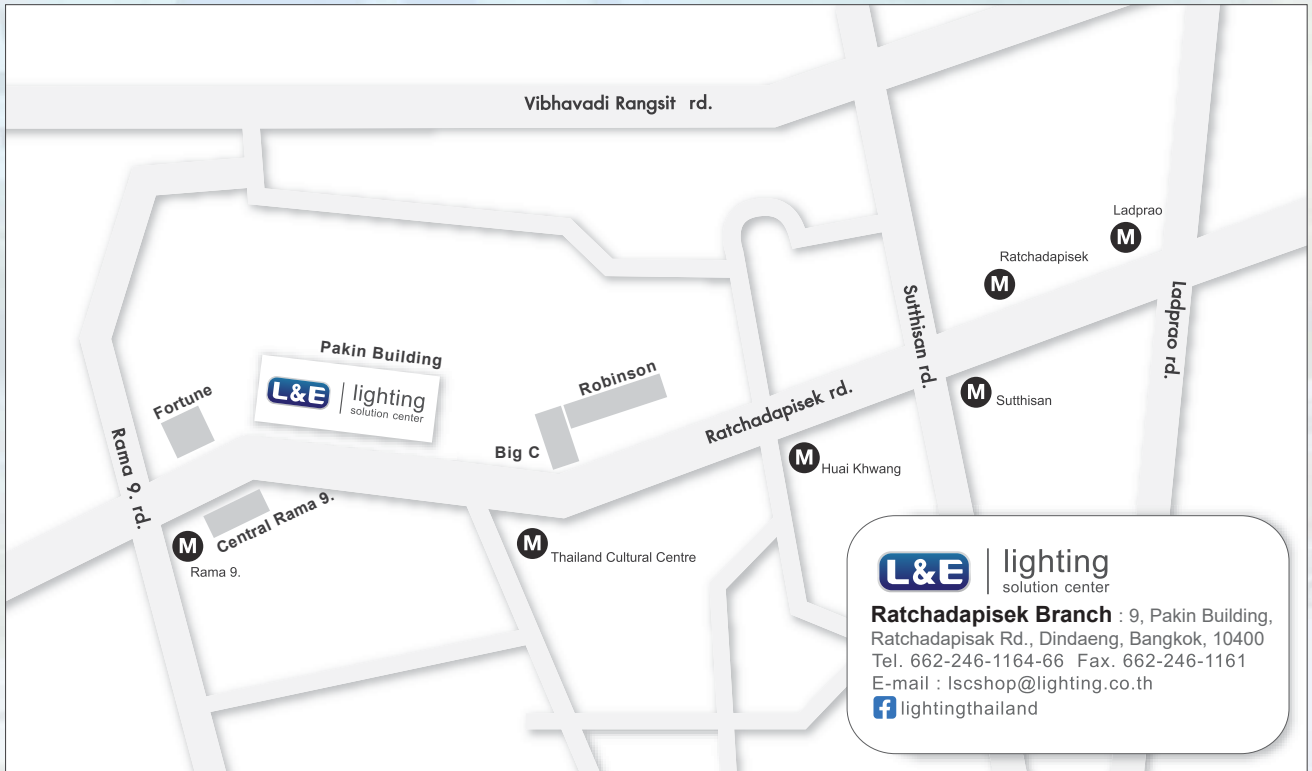
L&E

15:44

Thailand offices



Lighting solution center





more than light

Thailand offices

Lighting and Equipment Public Company Limited

Head Office

16-17 Floor, Gypsum Metropolitan Tower.
539/2 Sri-Ayudhya Rd., Rajthevee,
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E-mail : secretarymk@lighting.co.th

Tel. : +66 2248 8133
+66 2642 5092
Fax. : +66 2248 8144
+66 2642 5091

Showroom/Lighting Solution Center

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E-mail : rd@lighting.co.th

Tel. : +66 2246 1164 66
Fax. : +66 2246 1161

Showroom/Lighting Solution Center

Ratchapruek Branch
3rd Floor The Crystal SB Ratchapruek
E-mail : rd@lighting.co.th

Tel. : +66 2118 7501-04

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L&E Myanmar Company Limited

No.19-L Myint Zu 2 street, Yamkin Township, Between
Kabaraye Pagoda Road and Wayzayantar Road,
Yangon, Myanmar.
Email : le_myanmar@lighting.co.th

Tel. : +95 94 5001 0468

Lighting & Equipment (VIETNAM) Company Limited

Lot 101/3 Road No. 1. Long Binh (AMATA)
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weerada.wo@lighting.co.th
chinh@lighting.co.th

Tel. : +84 251 368 5688
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Representative Office of Indonesia

The Vida Building 7th Floor, Jl. Raya Perjuangan No.8
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Tel. : +62 212 977 8000
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Representative of Malaysia

Contact : Mr. Alex Goh
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Corporate Showroom in Cambodia

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Email : sale@myhomeaccess.com