

SLF248



LED LINEAR WALL WASHER

SLF248 is the high luminance of controllable LED linear wall washer. Control is achieved conveniently via industry-standard DMX interface. Compact and durable extrusion aluminium housing combined with mounting accessory, SLF248 is suitable for all applications in wall washer effect.

**Material :**

Extrusion Aluminium Body with toughen front glass

Finishing :

UV-resistant polyester exterior powder-coating

Driver :

Remote 48 Vdc constant voltage driver

Life Time : 50,000 hrs, L70 @ 25°C

Ambient Temperature : -20°C ~ 40°C

IP Rating : 66

Ra : ≥ 80

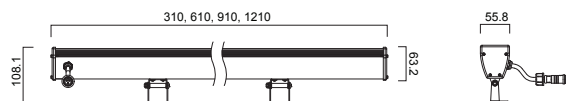
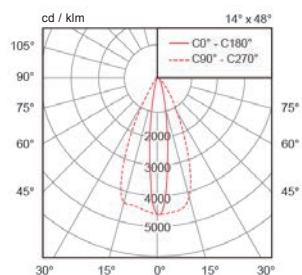
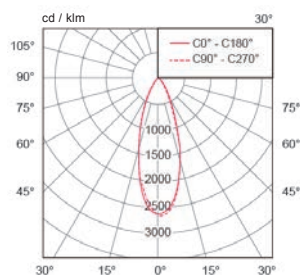
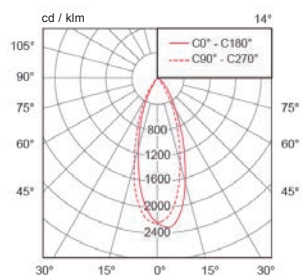
Factory Supplied Cable :

2C x 0.3 m for Power cable with connector (IN/OUT) (monochrome)

5C x 0.3 m for Power and Data cable with connector (IN/OUT for RGB, RGBW and Dynamic white)

Control : on-off, DMX

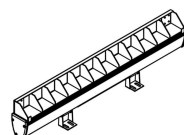
Weight (kg) : 0.5 kg (15W), 1.0 kg (30W) 1.5 kg (45W), 2.0 kg (60W)



Accessories



Feeder Cable L = 30 cm



Louver



2-Way



3-Way



Junction Box

Model	Watt	CCT. (K)	Beam Angle	Color	Input (V)
SLF248	15W(L=310mm)	2700K (4300lm)*	14°	Light Grey	48 Vdc
	30W(L=610mm)	3000K (4550lm)*	30°		
	45W(L=910mm)	4000K (5450lm)*	60°		
	60W(L=1210mm)	6500K (5450lm)*	110°		
		RGB (1860lm)*	14° x 48°		
		RGBW (2550lm)*			
		Dynamic White			
		2700K-6500K (4875lm)*			

* Lumen refers to 60W model

Caution : Do not make any connection while the power is turning on! This action may cause the product damaged.

Installation Manual SLF248



Please read these instructions carefully before commencing installation and retain for future reference. If in doubt, we advise that you consult a qualified electrician to install the product. These products must not be modified. If any modification is made it may invalidate the warranty and may render the product unsafe. All electrical installations must be carried out according to current IEE Wiring Regulations.



Important safety Notes.

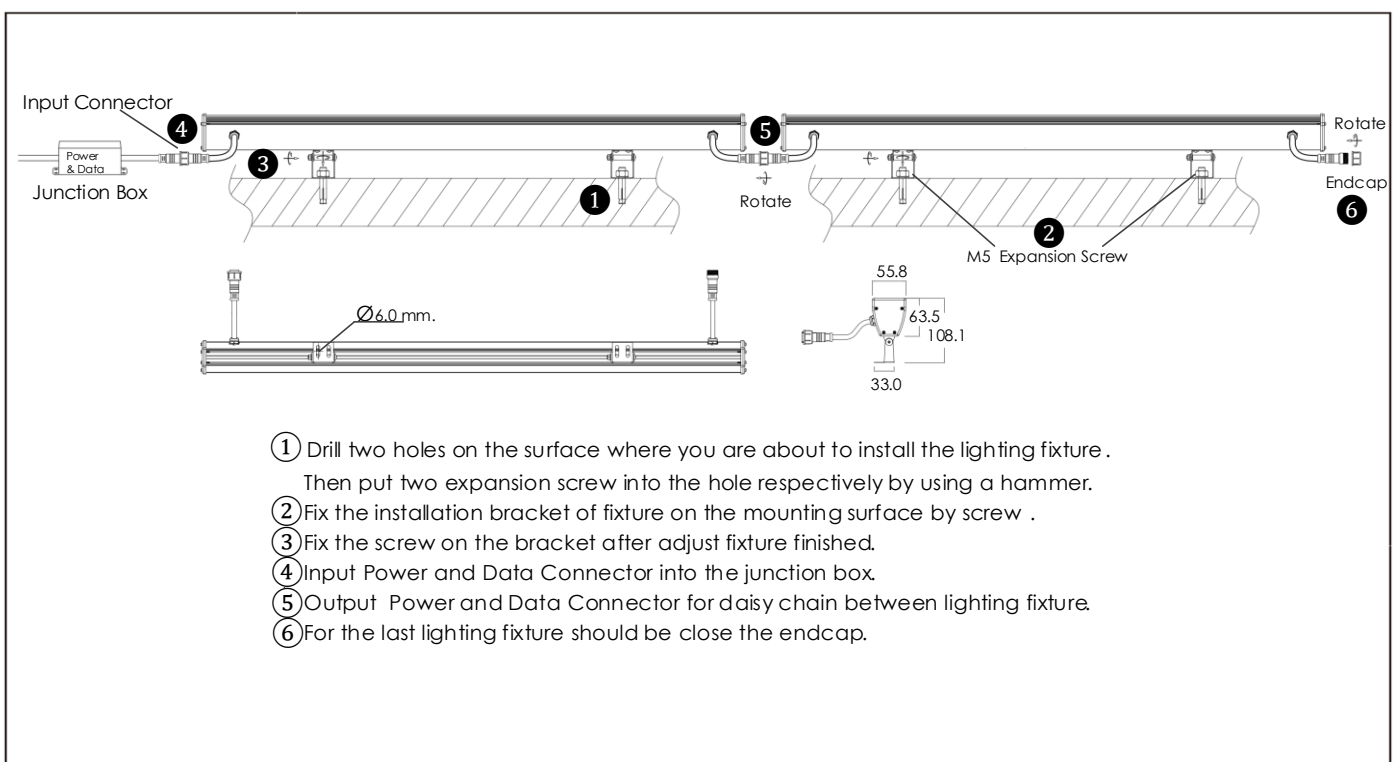


1. Switch off the electricity at the mains before commencing Installation or lamp change and (if a fuse box is used) remove the appropriate circuit fuse to avoid accidental switching on of mains supply.
2. Connect to a LED driver in accordance with IEE regulations.
3. Make sure all connections are tight with no loose strands.
4. Ensure fire regulations are not breached when fitting your lights.

Warning:

1. Please ensure that the packaging is disposed of in a safe environment.
2. If cable is defective, do not use or exchange the cable, please contact your local dealer.
3. Do not look at the lighted lamp directly.
4. We do recommend that qualified electrician should be used to install the products.
5. This is IP65 grade product, don't put fixture into water.

Installation Process

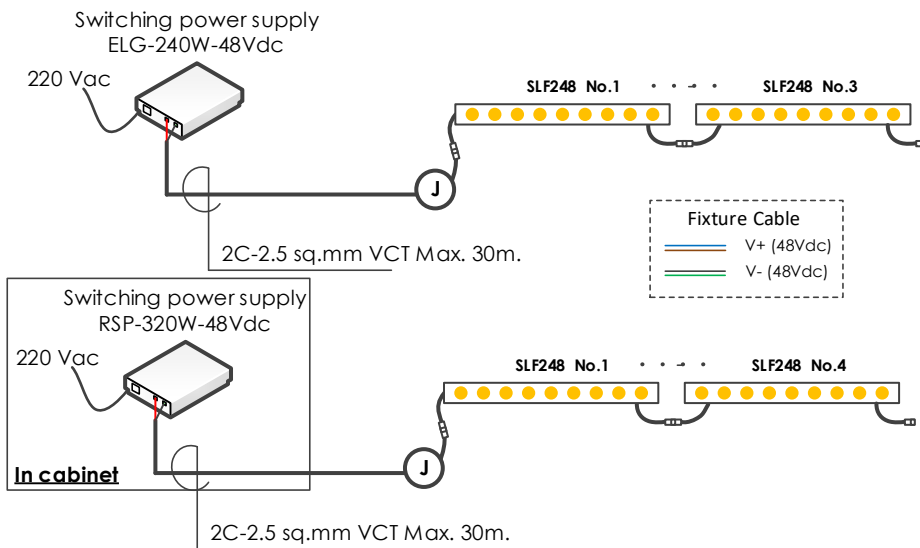


- ① Drill two holes on the surface where you are about to install the lighting fixture .
Then put two expansion screw into the hole respectively by using a hammer.
- ② Fix the installation bracket of fixture on the mounting surface by screw .
- ③ Fix the screw on the bracket after adjust fixture finished.
- ④ Input Power and Data Connector into the junction box.
- ⑤ Output Power and Data Connector for daisy chain between lighting fixture.
- ⑥ For the last lighting fixture should be close the endcap.

Wiring Diagram SLF248



On-Off



VDO Installation Guide

Recommend size of power cable VCT 2-C :
 2.5 mm² max. 30 m
 4 mm² max. 50 m
 6 mm² max. 70 m
If longer, up size of cable.
(By Standard voltage drop)

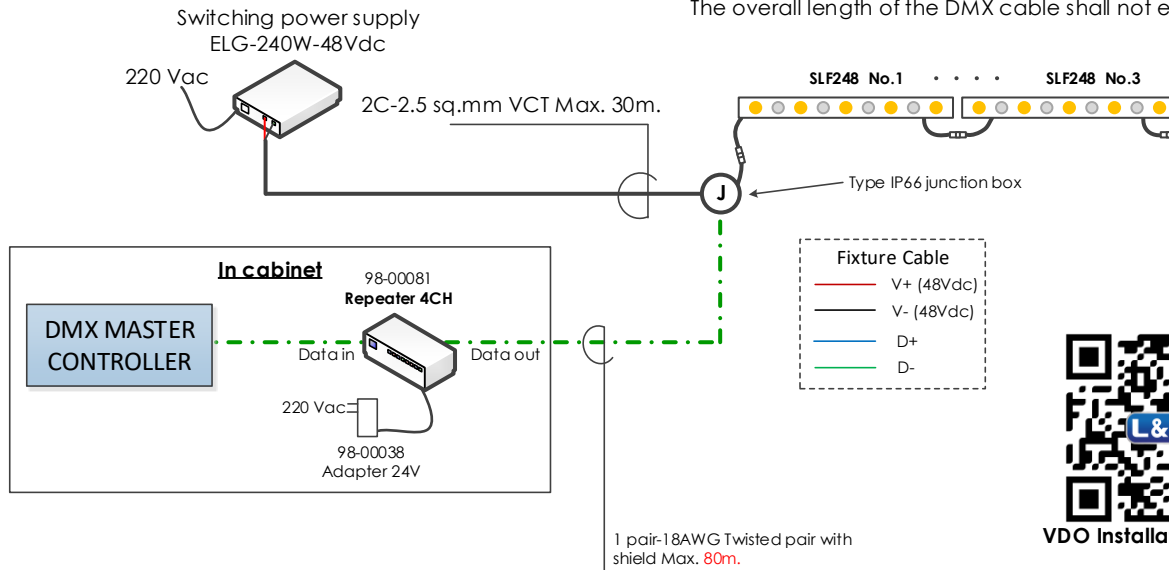
Remark :

- **SLF248-1200mm.** can be maximum continue 4 pcs.
- One switching power supply can be maximum connected to LED **SLF248-1200mm.**
 ELG-240W-48Vdc : 3 pcs. (L=1200mm.)
 RSP-320W-48Vdc : 4 pcs. (L=1200mm.)
- RSP, LRS switching power supply indoor type must be installed in cabinet

Wiring Diagram SLF248

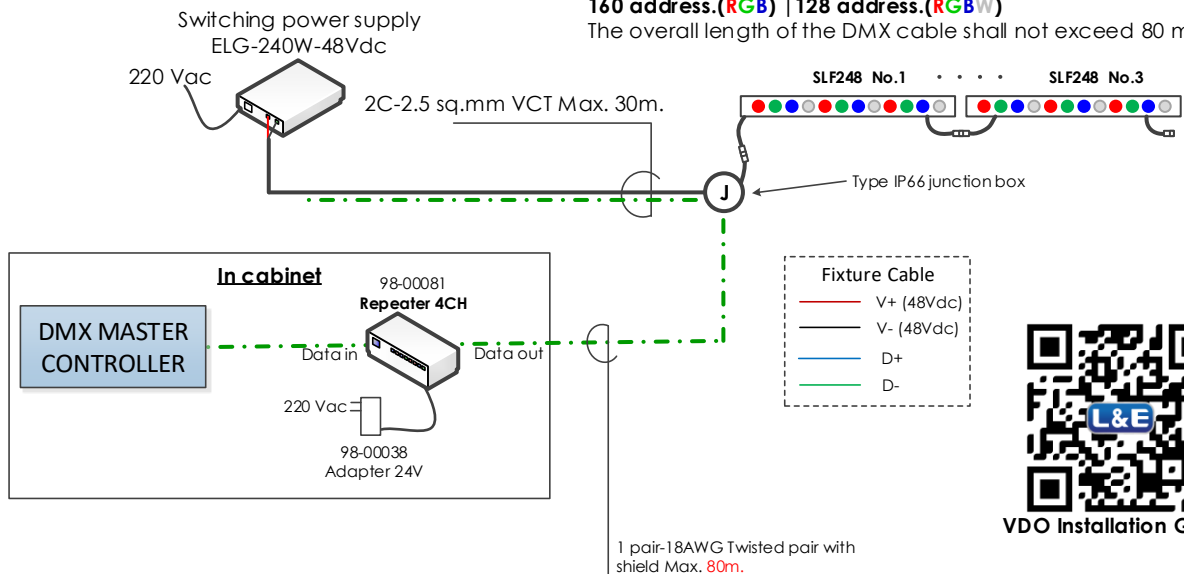


Dim DMX **Dynamic White**



1 DMX outputs.
One output can control maximum
256 address.(Dynamic White)
The overall length of the DMX cable shall not exceed 80 m.

Dim DMX **RGB | RGBW**



1 DMX outputs.
One output can control maximum
160 address.(RGB) | 128 address.(RGBW)
The overall length of the DMX cable shall not exceed 80 m.

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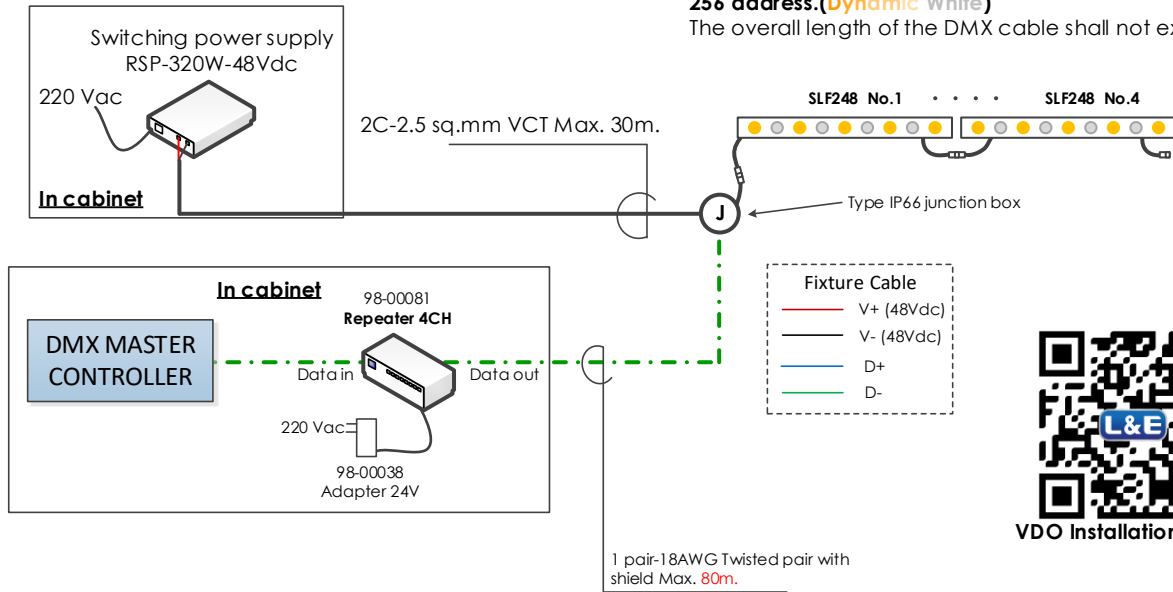
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RSP-320W-48Vdc : 4 pcs.
- RSP, LRS switching power supply indoor type must be installed in cabinet
- One Repeater 4 Channel can be maximum connected to SLF248-1200mm. 15 pcs. Per Channel.
- Must separate the conduit of power and data

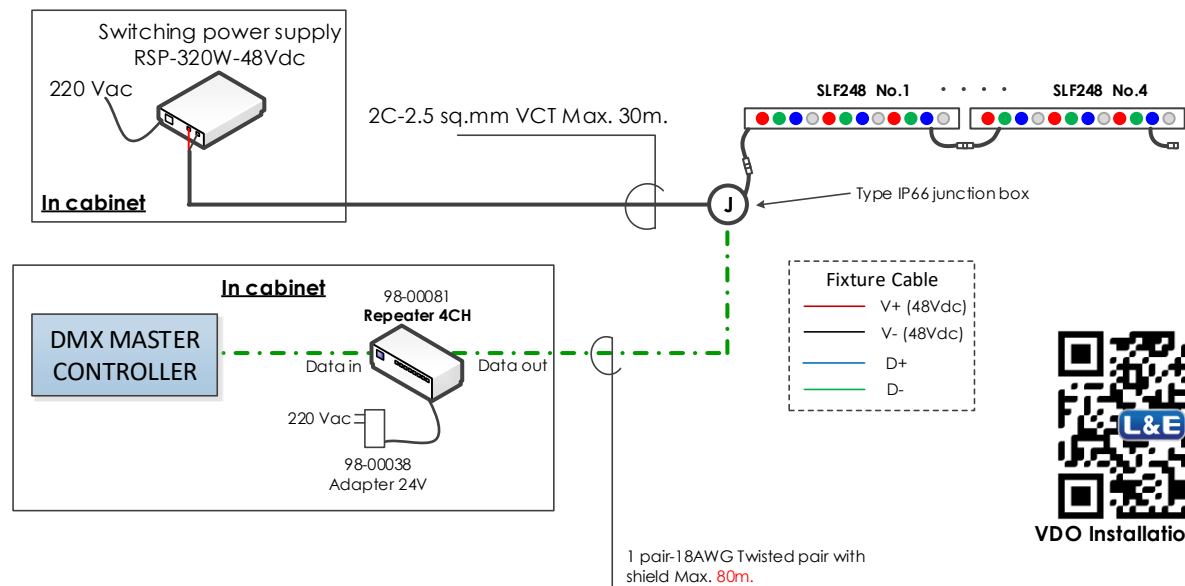
Wiring Diagram SLF248



Dim DMX **Dynamic White**



Dim DMX **RGB | RGBW**



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