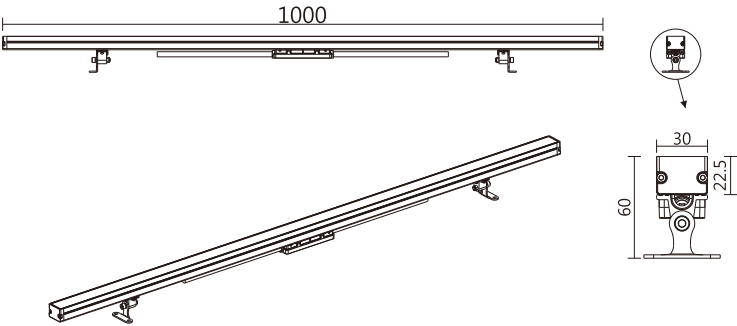


INSTALLATION

LW-Series LED Wall Washer

■ Please read carefully before use

- 1.The rated operating voltage of this luminaire model is DC 24V.
- 2.The main power cable running from the power supply to each luminaire shall be 4mm² (or 6mm²) in cross-section with a maximum length of 15 m (or 20 m). All luminaires shall be wired in parallel on the main power cable.
- 3.CAT5 cable shall be adopted for signal transmission. The distance between the controller and the first luminaire shall not exceed 100 meters, and the total distance from the controller to the last luminaire shall not exceed 200 meters.
- 4.All wiring construction shall conform to national installation codes and standards. All cable joints shall be firmly connected and equipped with waterproof treatment.
- 5.Please refer to our official product catalog for specific model information.
- 6.Do not disassemble the luminaire without permission. StrongLED Lighting Systems (Suzhou) Co., Ltd. shall not bear any liability for losses or damages caused by unauthorized disassembly.
- 7.For further detailed documents, please visit our official website: www.strongled.com

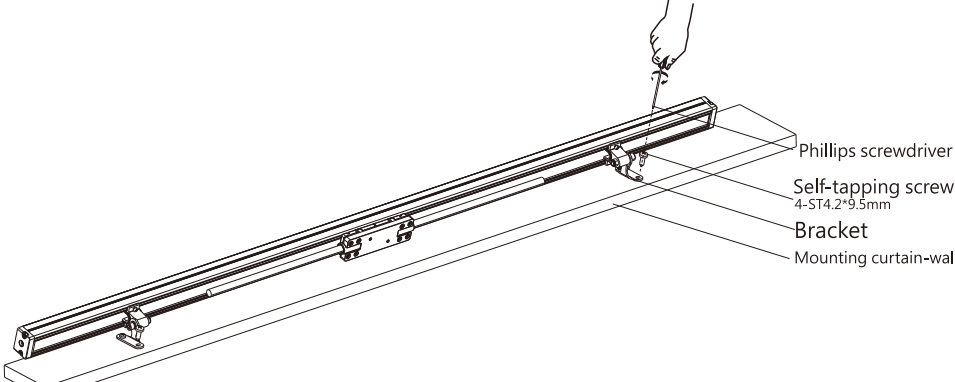


■ Technical Specifications

Product Name	Size(mm)	Voltage	Max. Power	Weight
LW-1103(S/C)	1000*30*22.5	DC24V	Refer to product label	Max≤1.2kg

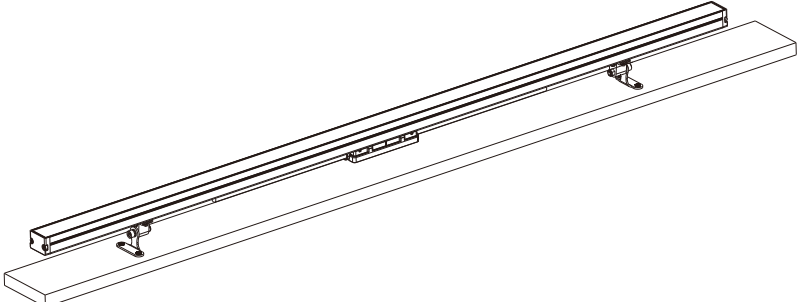
Installation Steps of Rotating Bracket

1.



Secure the luminaire bracket to the mounting curtain-wall with screws.

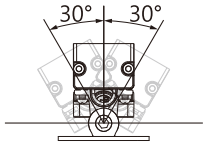
2.



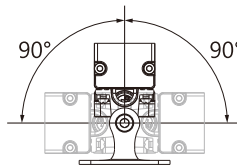
Rotate the luminaire to a proper angle, then finish installation.

3.

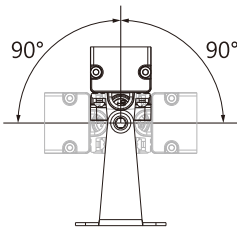
Low-profile Rotating Bracket



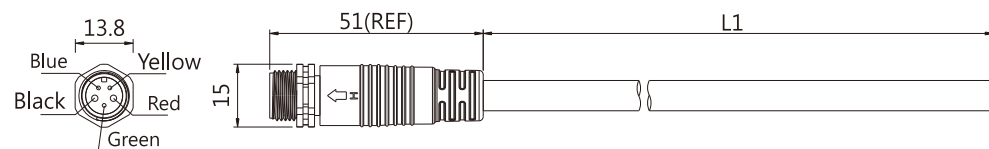
Standard Rotating Bracket



Height-extended Rotating Bracket

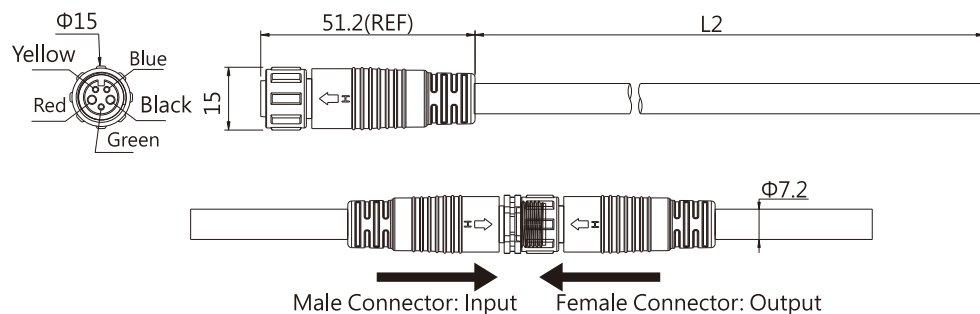


Rotatable range: +90° ~-90°



	Red	V+	2*1mm ² +3*0.3mm ²
	Black	V-	
	Yellow	DMX+	
	Green	CFG (IN/OUT)	
	Blue	DMX-	

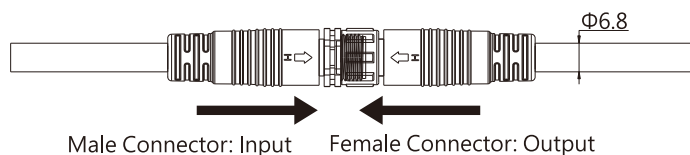
5-core round-cable waterproof female connector (L2 1000mm)



2-core round-cable power-supply waterproof connector

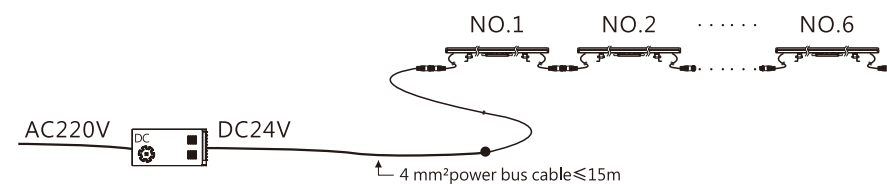


Color Definition of Power Connection Wire		
Brown	V+	2*1mm ²
Blue	V-	



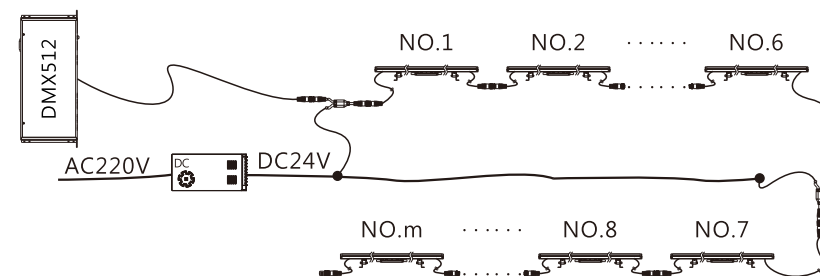
System Wiring Diagram

Single-color Constant-On



Note: Single-color steady-on operation. Cable exits from one-side end-cap of each luminaire with a length 100mm. A maximum of 6 units (15W per luminaire) can be daisy-chained on a single power-supply circuit. It is recommended that the total power of lamps on each circuit shall not exceed 80% of the rated maximum power of the power supply.

DMX Control



(15W per meter, 1 pixel)

Power-supply circuit:
Use 4mm² main power-cable. The cable length from power supply to the first luminaire shall not exceed 15m. Every luminaire is equipped with one pixel point. The outgoing-wire from the single-side end-cap is 100mm. Up to six luminaires can be connected in-series per string, with a maximum total load of 30 luminaires.
Signal Circuit :
CAT5 cable is used for signal lines. The length from controller to the last luminaire shall not exceed 100m. A signal amplifier is required if the length exceeds 100m. Under standard DMX512 protocol, each signal circuit (3-channel per luminaire) can have no more than 170 pixels.

Do not perform any link operation on the lamp when it is live, as this will completely damage the lamp

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