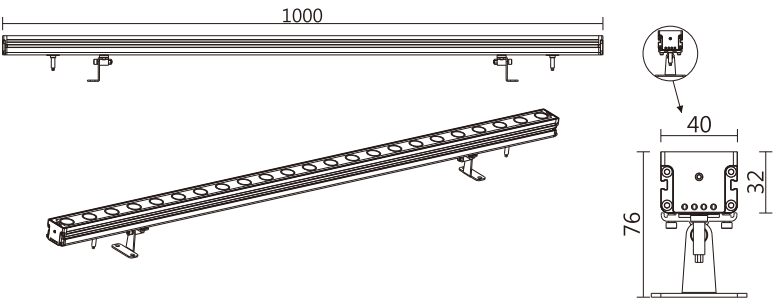


INSTALLATION

LK Series LED Wall Washer

■ Please read carefully before use

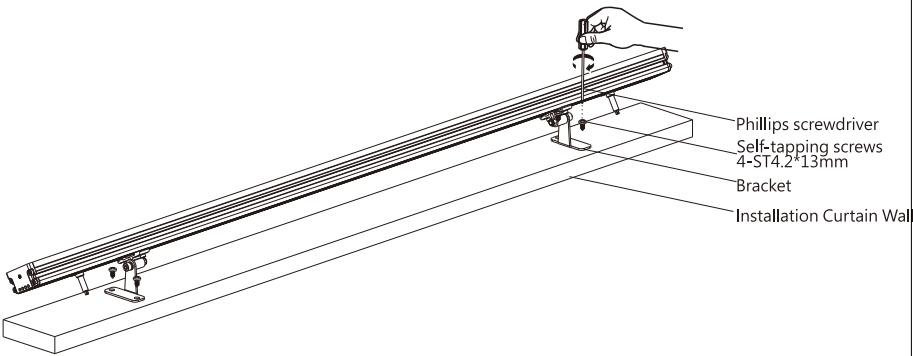
- 1.The rated operating voltage of this luminaire model is DC 24V.
- 2.The main power cable running from the power supply to each luminaire shall be 4mm² (or 6mm²) in cross-section with a maximum length of 15 m (or 20 m). All luminaires shall be wired in parallel on the main power cable.
- 3.CAT5 cable 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

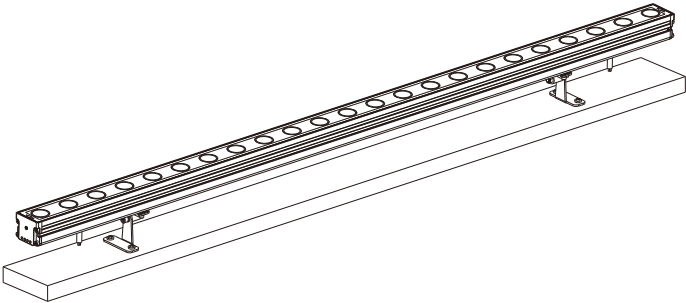
Product Name	Size(mm)	Voltage	Max. Power	Weight
LW-1107	1000*40*32	DC24V	Refer to product label	Max≤1.6kg

1.



Fix the luminaire bracket to the installation curtain-wall with screws.

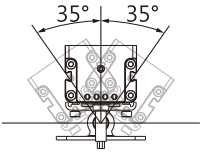
2.



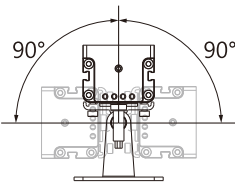
Rotate the luminaire to a proper angle to finish installation.

3.

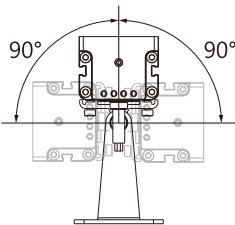
Low-profile Rotating Bracket



Standard Rotating Bracket



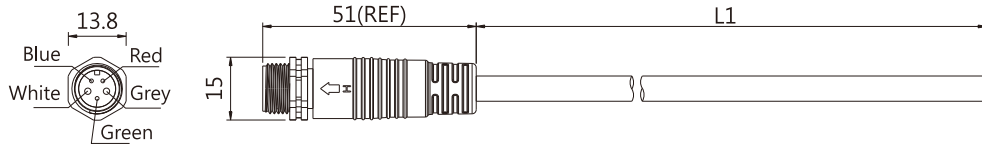
Height-extended Rotating Bracket



Rotatable range: +90° ~-90°

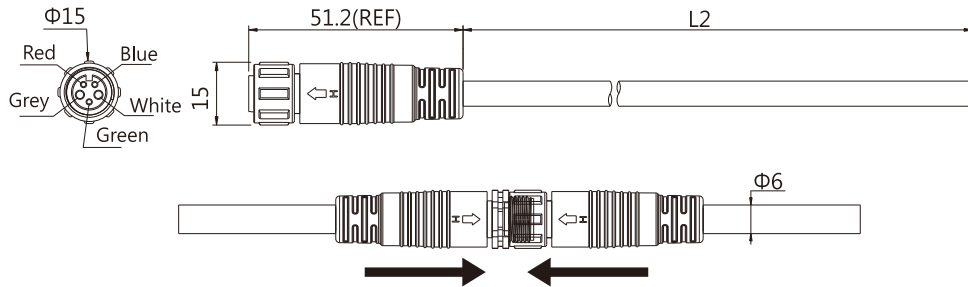
■ Waterproof Connector (Unit: mm) (Optional)

5-core Round-Cable Waterproof Male Connector ($L1 \leq 1000$)



Color Definition of DMX Signal Connection Wire	Red	DMX+	3*24AWG(0.20mm ²)
	Blue	DMX-	
	Green	CFG (IN/OUT)	
	Grey	V+	2*18AWG(0.81mm ²)
	White	V-	

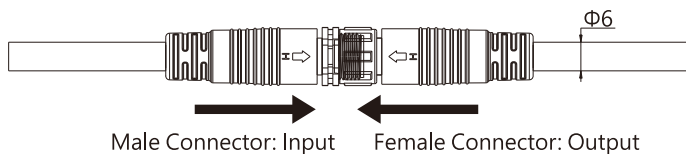
5-core round-cable waterproof female connector ($L2 \leq 1000$ mm)



2-core round-cable power waterproof connector

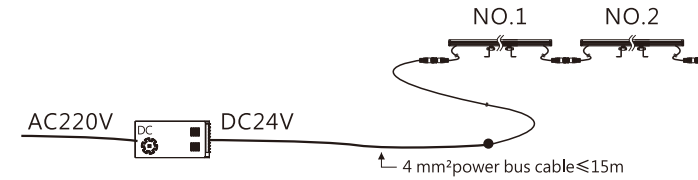


Color Definition of Power Connection Wire		
Red	+	2*1mm ²
Black	-	



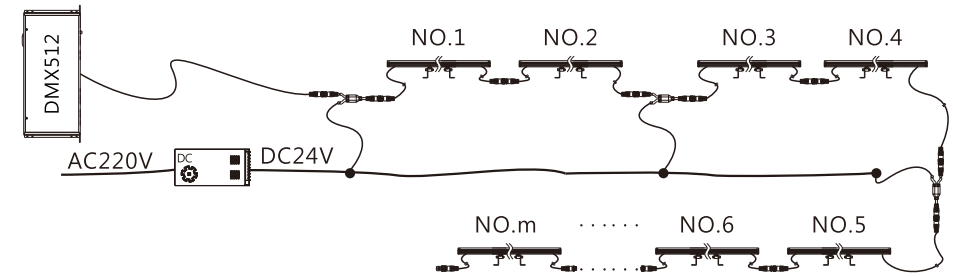
■ System Wiring Diagram

Single-color Constant-On



Note: Single-color constant-on mode. Each luminaire has a single-side cable outlet from the end-cover with length ≤ 100 mm. Two luminaires (48W each) can be connected in series on a single power-supply circuit. It is recommended that the total power of luminaires on each circuit does not exceed 80% of the maximum rated power of the power supply.

DMX Control



(48W per meter, 1 pixel)

Power-Supply Circuit :
Adopt 4mm² main power-supply cable. The distance from power-supply unit to the first luminaire shall not exceed 15m. Each luminaire contains one pixel, with single-side wire-outlet of end-cover ≤ 100 mm. Maximum 2 luminaires can be connected in series per power-supply string, and the overall total load is 10 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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