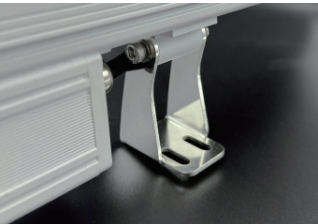




Low Bracket Mounting



High Bracket Mounting



The SEGA Linear Wall Washer utilizes high-quality aluminum profiles and tempered glass as its primary materials. Featuring advanced powder-coated shell technology, it delivers enhanced corrosion resistance. With an impact resistance rating of IK08 and waterproof rating of IP66, the fixture is available in various lengths, colors, beam angles, and control methods, with compatible accessories for each specification. It is designed for exceptional wall washing, grazing and architectural highlighting of exterior facades, signage, bridges and monuments.

TECHNICAL DATA

Wattage	12W, 24W, 36W, 48W
CRI	80
CCT	2700K, 3000K, 4000K, 5000K 6000K, RGB, RGBW
Dimming	ON/OFF, 0-10V, DMX, DMX/RDM
Input Voltage	120-277V
Operating Temp.	-20°C to 55°C (-4°F to 131°F)
Certifications	cETL RoHS compliant
Power Factor	>0.9 at full load
Harmonic Distortion	<20% at full load
IP Rating	IP66
IK Rating	IK08

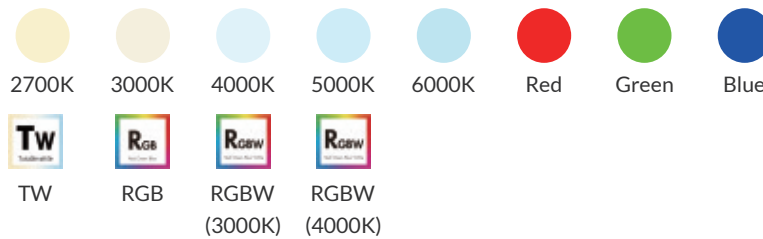
FEATURES

- **Adjustable & Customizable:** Selection of CCT, light distribution, and control for tailored lighting solution.
- **Durable Design:** IP66-rated and IK08-rated for long-term reliability. Durable construction for outdoor environment.
- **Smart Compatibility:** Includes 0-10V dimming, DMX, and RDM for enhanced control.

SPECIFICATION

Part Number	SEGA121	SEGA242	SEGA363	SEGA484
Length (nominal)	11.8"x1.58"x3.5"	23.6"x1.58"x3.5"	35.4"x1.58"x3.5"	47.2"x1.58"x3.5"
	300x40.2x89mm	600x40.2x89mm	900x40.2x89mm	1200x40.2x89mm
LED Quantity	6PCS	18PCS	24PCS	36PCS
Wattage	12W	24W	36W	48W
Weight	0.78KG±5%	1.26KG±5%	2.10KG±5%	2.40KG±5%

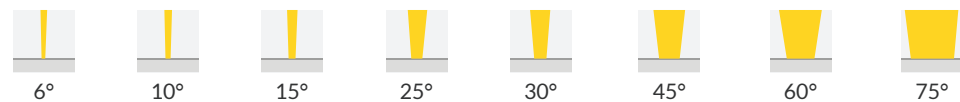
Color Temperature (nominal)



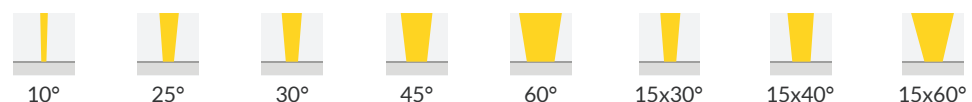
Luminaire Efficiency	85lm/W@3000K, 35lm/W@RGBW
Housing Material	Extruded aluminium
Bracket Material	Stainless steel, bending aluminum
End Cap Material	Die-cast aluminium
Gasket Material	Silicone
Lens Material	Glass
Voltage	120-277V AC
Controls	ON/OFF, 0-10V dimming, DMX, DMX with RDM
Rated Frequency	50/60Hz
Operating Temperature	-4°F to 131°F (-20°C to -55°C)

Beam Angles

For Static CCT only



For RGB & RGBW only



Finish Colors

Electrostatic spraying



Oxidation treatment



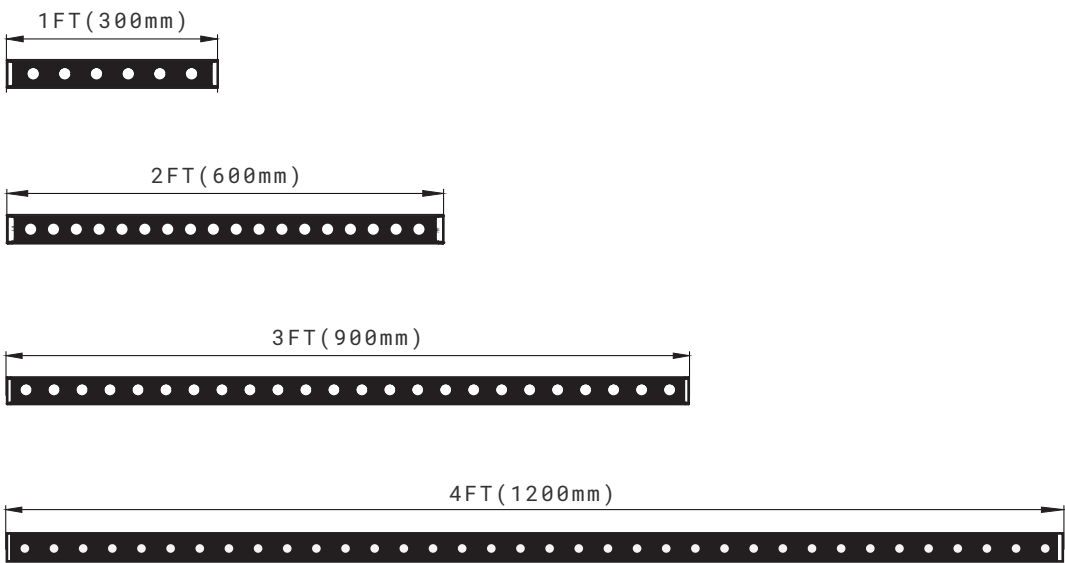
Optional



SPECIFICATION

Dimension

Top View

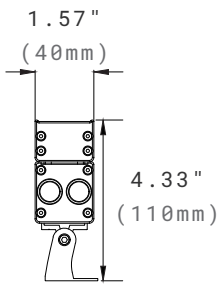


Linear Wall Washer

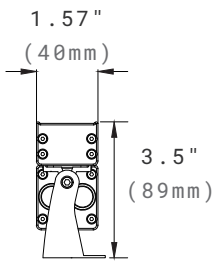
Side View



Side View



Low bracket
On the driver body



High bracket
On the lamp body

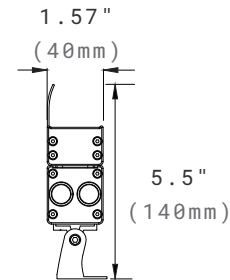
SPECIFICATION

Linear Wall Washer with Side Shade

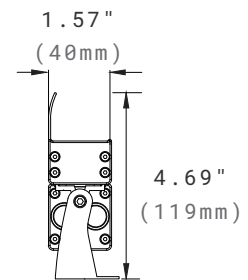
Side View



Side View



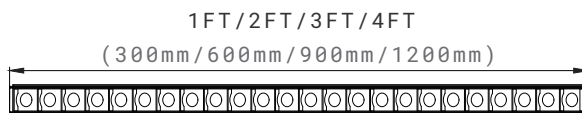
Low bracket
On the driver body



High bracket
On the lamp body

Linear Wall Washer with Grille Shade

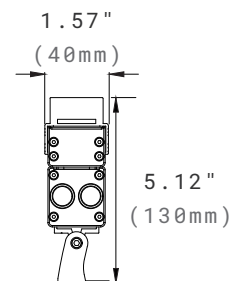
Top View



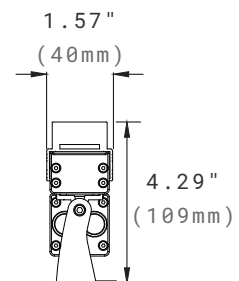
Side view



Side View



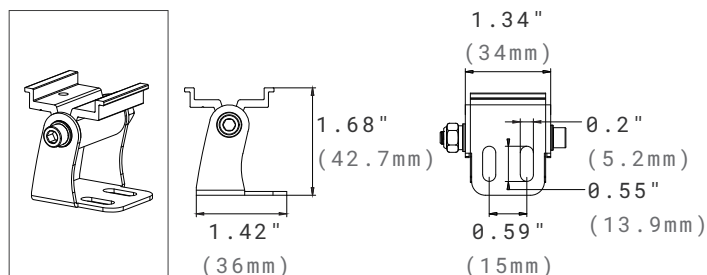
Low bracket
On the driver body



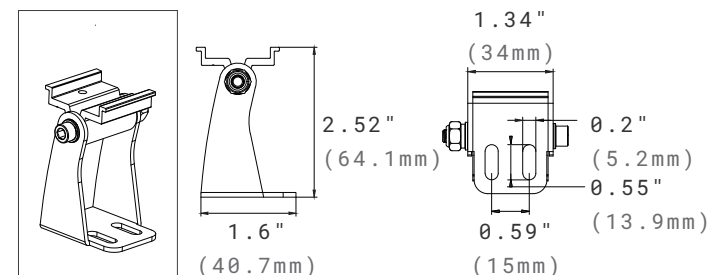
High bracket
On the lamp body

Mounting Brackets

Low Bracket



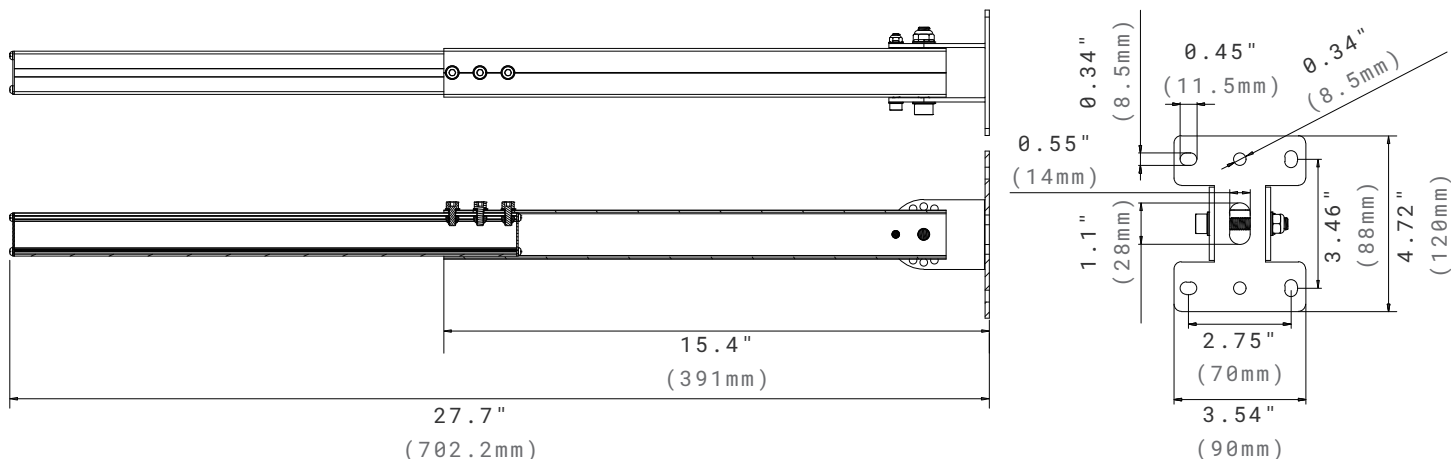
High Bracket



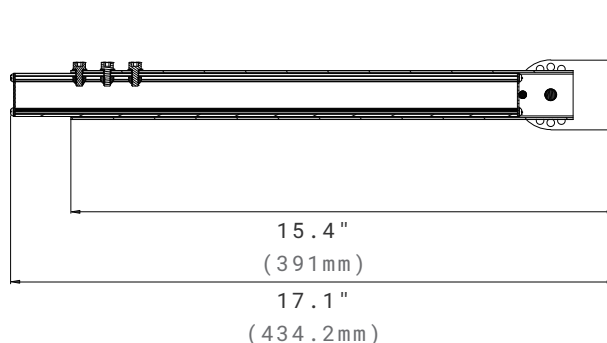
SPECIFICATION

Adjustable Extension Arm

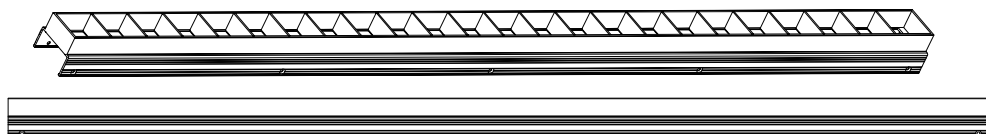
Maximum Extension Length



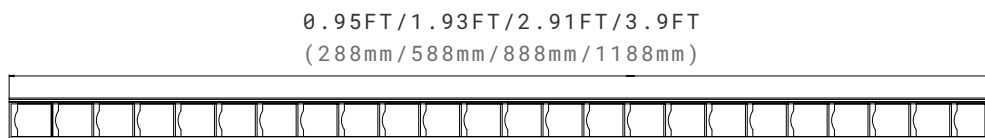
Minimum Extension Length



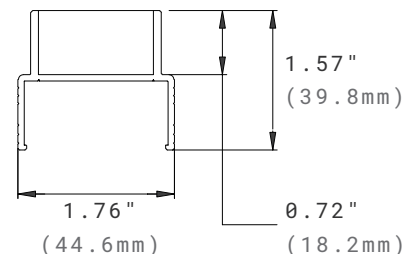
Grille Shade



Top View



Section View



ORDERING INFORMATION

Static CCT Model

EXAMPLE: SEGA-1211-3080-10D-30-HBKT-SGY

SEGA								
Series	Wattage /Length	Voltage	CCT /CRI	Control	Beam Angle ²	Installation	Optic Options	Finish
SEGA	121 12W/1FT	1 120-277V Internal Driver	2780 2700K /CRI80	BLANK ON/OFF	6 6°	HBKT High Bracket	BLANK None	SGY Sandy Gray
	242 24W/2FT		3080 3000K /CRI80	10D 0-10V dimming	10 10°	LBKT Low Bracket	GLL Grille Lens	SBK Sandy Black
	363 36W/3FT		4080 4000K /CRI80		15 15°		LVL Louver Lens	SWH Sandy White
	484 48W/4FT		5080 5000K /CRI80		25 25°		GS Grille Shade	IGY Iron Gray
			6080 6000K /CRI80		30 30°		SS Side Shade	AL Aluminum
					45 45°			<i>Optional custom colors available.¹</i>
					60 60°			
					75 75°			

NOTE:

1. Sandy Black and Sandy White are standard finishes. Other finish colors are available at an additional charge.
2. The beam angles are only for the lens itself without optic options. The actual testing beam angles may vary due to different optic options such as grille, louver and side shade.

ORDERING INFORMATION

RGB Model

EXAMPLE: SEGA-1211-RGBW30-DMX-30-HBKT-SGY

SEGA								
Series	Wattage /Length	Voltage	CCT /CRI	Control	Beam Angle ²	Installation	Optic Options	Finish
SEGA	121 12W/1FT	1 120-277V Internal Driver	RGB RGB	DMX DMX	10 10°	HBKT High Bracket	BLANK None	SGY Sandy Gray
	242 24W/2FT		RGBW30 RGB+W W=3000K	DMXR DMX with RDM enable	25 25°	LBKT Low Bracket	GLL Grille Lens	SBK Sandy Black
	363 36W/3FT		RGBW40 RGB+W W=4000K		30 30°		LVL Louver Lens	SWH Sandy White
	484 48W/4FT				45 45°		GS Grille Shade	IGY Iron Gray
					60 60°		SS Side Shade	AL Aluminum
					15x30 15°x30°			Optional custom colors available. ¹
					15x40 15°x40°			
					15x60 15°x60°			

NOTE:

1. Sandy Black and Sandy White are standard finishes. Other finish colors are available at an additional charge.
2. The beam angles are only for the lens itself without optic options. The actual testing beam angles may vary due to different optic options such as grille, louver and side shade.

ACCESSORIES (ORDERED SEPARATELY AND FIELD INSTALLED)



LCB-3PIN-15FT¹
 15FT 3-pin leader cable with female plug for AC ON/OFF power lead wiring.



LCB-4PIN-15FT¹
 15FT 4-pin leader cable with female plug for DMX signal wiring.



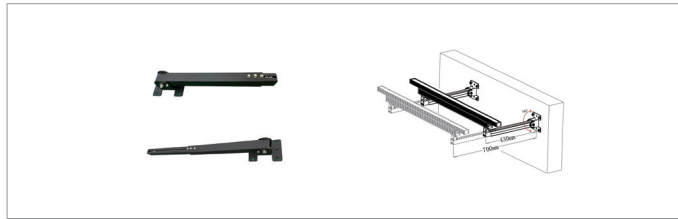
LCB-2PIN-DIM-15FT
 15FT 2-pin leader cable with female plug for 0-10V dimming power lead wiring.



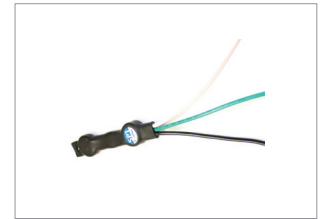
SPD-10KV-1-IP65
 Surge Protector, 10kA/10kV, 100 - 277VAC, IP65 rated, Hardwired.



AAL-ENCL-NEMA4-S
 NEMA4 Enclosure.
AAL-ENCL-NEMA4X-SS
 NEMA4X Stainless Steel Drip Proof Enclosure.



SEGA-AEA-SBK
 Adjustable Extension Arm, Sandy Black (2 pieces).



SP1
 Surge Protector, 10kA, 120 - 277VAC.

NOTE:

- Both 3-pin and 4-pin leader cables are required for DMX-enable fixtures.
- All cables are rubber-sheathed.

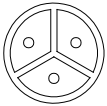
MAXIMUM FIXTURE RUN LENGTH

Based on 8A maximum, 1000 mm fixtures, ON/OFF control, for an end to end run with 0.6 m jumper cables between fixtures.

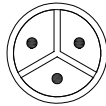
Voltage	AC100-120V	AC277V
Maximum Run of Fixtures	20.0m	46.1m

CONNECTOR DRAWINGS

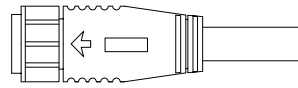
AC IN



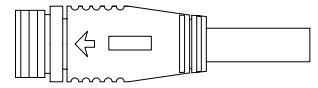
AC OUT



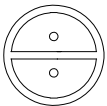
Female plug IN



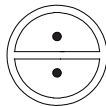
Male plug OUT



0-10V Dimming IN



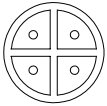
0-10V Dimming OUT



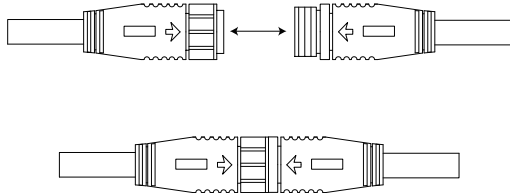
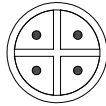
NOTE:

1. Please refer to the wiring colour code for line definition.
2. The control mode of DMX/RDM in AC state is two in and two out.

AC DMX Single IN



AC DMX Single OUT



Align the arrows on the male and female ends and tighten the cable connector collar clockwise to lock the connection.



Warning

Please confirm that the connector connection is tight and tighten the collar, otherwise water may enter and cause damage or leakage of the lighting fixture.

WIRING COLOR CODE

ON/OFF

Designation	Color
● Line	Black
○ Neutral	White
● Ground/Earth	Green&Yellow

0-10V

Designation	Color
● Line	Black
○ Neutral	White
● Ground/Earth	Green&Yellow
● 0-10V +	Purple
● 0-10V -	Pink or Grey

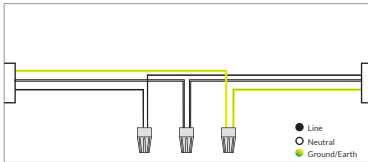
DMX/RDM

Designation	Color
● Line	Black
○ Neutral	White
● Ground/Earth	Green&Yellow
● A +	Brown
● B -	Blue
● GND	Black
● Coding	Green&Yellow

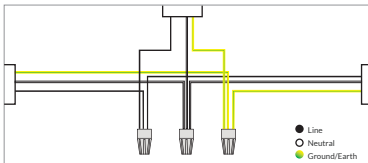
WIRING DETAILS

AC ON/OFF Control

Junction box

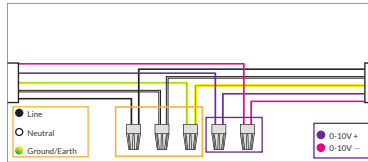


T Junction box

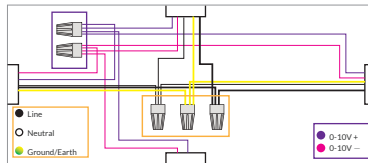


AC 0-10V Control

Junction box

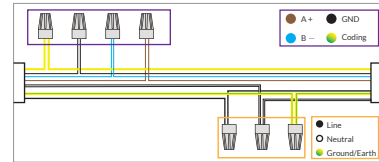


T Junction box

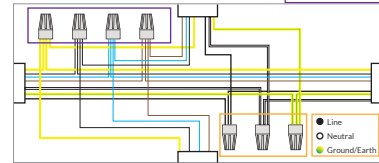


AC DMX/RDM Control

Junction box



T Junction box

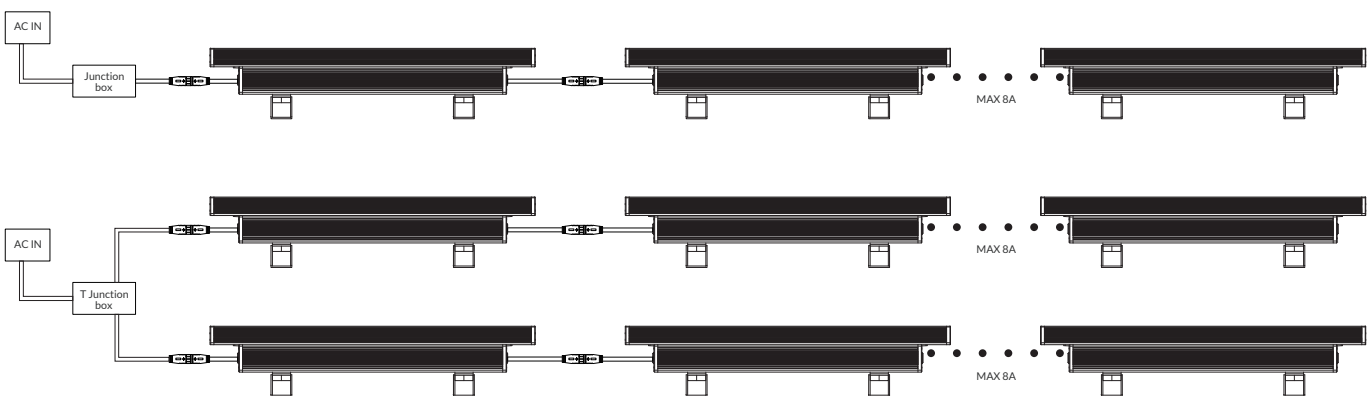


NOTE:

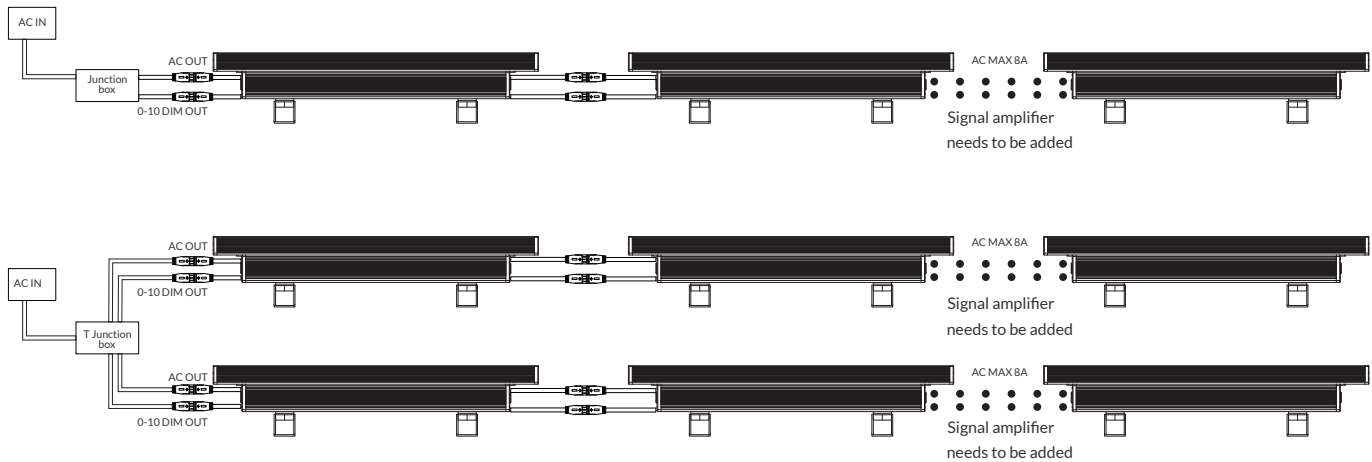
1. The purple box represents the signal line.
2. The orange box represents the power cord.
3. Wiring terminals need to be provided by oneself or contact sales.

CONNECTION DRAWINGS

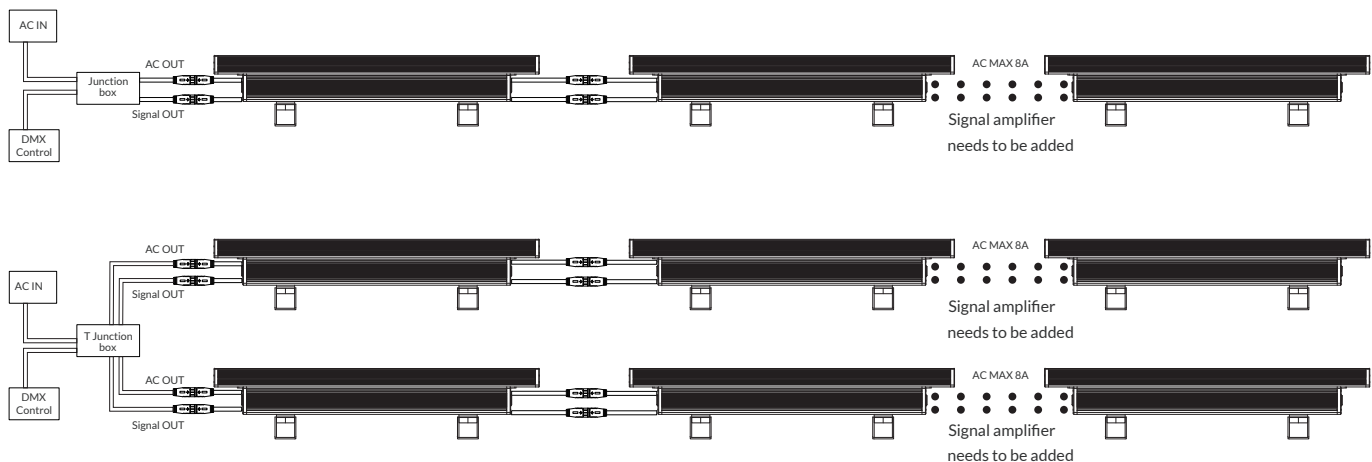
AC ON/OFF Control



AC & 0-10V Control



AC DMX/RDM Control



NOTE:

1. The maximum current of the power cord is 8A.
2. The junction box needs to be provided by others or contact sales.
3. 0-10V controller needs to be provided by others or contact sales.
4. When the signal line exceeds a certain number of connections in the control mode of DMX/RDM, a signal amplifier needs to be added.
5. Signal amplifiers and DMX/RDM controllers need to be provided by others or contacted with sales.
6. Please refer to the wiring details section for the wiring method.

WARRANTY

5 years limited warranty.

Specifications subject to change without notice.