

LACKE

W:28mm 20W Max IP67



**RGBW Media Light -Dot-less Effect
Direct Light Application**



Anti UV PMMA Diffuser

**Warm White Media Light Dot-less Effect
Direct Light Application**



Anti UV PMMA Diffuser



**RGBW Media Light
In-Direct Light
Application**



Clear Lens






**RGBW Media Light-
Brushed-light effect
Direct Light Application**



Anti UV Opal PC Diffuser

iba=jbaf^=ifkb^o=_^o= is a indoor and outdoor fixture with RGB , RGBW or MONO color for media façade application. Made by 6063 extruded aluminium & Anti UV Opal PC Non-Dot Diffuser . UV Resistant to plaster exterior wall powder coating for Anti-corrosion Protection. High-level mechanical impact protection IK10 and IP67 Ingress Protection. Photobiological safety grade -Blue light hazard raiance : RG1 (Risk Group 1). Continuous dimming range 0-100% without flickering.

Technical Data

Luminaire Type/ 安裝方式 Tipo de luminaria	Surface Mount Type 明裝安裝腳 Tipo de montaje en superficie		
Color -顏色-Color	RGBW (White: 2700K 3000K 3500K 4000K 5000K 6500K) RGB TW: Tunable White (2700K to 6500K) MONO:2700K / 3000K / 4000K / 5000K / 6500K		
Power Consumption Max 燈具最大功率 Consumo de energía Max	3W @250mm 16W @ 1500mm	6W@500mm 20W@2000mm	12W@1000mm
Input Voltage / 輸入電 /Voltaje de entrada	DC24V		
Pixels & DMX Channels //Meter 像素和DMX 通道/米 Píxeles y canales DMX // Metro	<ul style="list-style-type: none"> • 1Pixel (1 DMX Channel @ Mono; 3 DMX Channel @ RGB; 4 DMX Channel @ RGBW; 2 DMX Channel @TW) • 2Pixels(2 DMX Channel @ Mono; 6 DMX Channel @ RGB; 8 DMX Channel @ RGBW; 4 DMX Channel @TW) • 4Pixels(4 DMX Channel @ Mono; 12 DMX Channel @ RGB; 16 DMX Channel @ RGBW; 8 DMX Channel @TW) • 5Pixels(5 DMX Channel @ Mono; 15 DMX Channel @ RGB; 20 DMX Channel @ RGBW; 10 DMX Channel @TW) • 10Pixels(10 DMX Channel @ Mono; 30 DMX Channel @ RGB;40 DMX Channel @ RGBW; 20 DMX Channel @TW) 		
Control Protocol-控制協議 Protocolo de Control	Built- In DMX 512 or RDM (Auto Address) or Remoted LED Driver for 0-10V / Dali(LED Driver Life >50,000 hrs PF:>0.9 THD <20%) . RDM Report :Fail report		
Color Range 顏色範圍 Gama de colores	16.7 Million additive RGB colors and White LED 1670萬RGB顏色配合白光LED 16.7 Millones de colores aditivos RGB; LED blanco		
Mono, RGB or RGBW Color Resolution with Gamma correction 單色, RGB, RGBW顏色經過伽馬校正的分辨率 Resolución de color mono, RGB o RGBW con corrección gamma	16-bit gray scale control and Gamma correction, supports up to 65,536 gray scales for color depths 16位灰度控制, 支持高達65, 536個灰度級的顏色深度 control de escala de grises de 16 bits, soporta hasta 65.536 escalas de gris para profundidades de color		
Beam Angle/光束角 ángulo de haz	• 170° Anti UV PMMA Diffuser 150° @ Opal PC Diffuser 20° x 90° @ Clear Lens		
Light Source Brand/光源品牌 Fuente de luz de marca	SMD LED		
Color Rendering Index-顯色指數 Índice de reproducción cromática	>80 @ White LED		>90 @ White LED
Lumen Maintenance Reported by TM-21 @ 25°C TM-21 光衰壽命@ 25°C Mantenimiento del lumen informado por TM-21 @ 25°C	<ul style="list-style-type: none"> • L90 > 40,700 hrs • L80 > 53,500 hrs • L70 > 53,500 hrs 		
LED Life/LED壽命 La vida del LED	>50,000 hours		
MacAdam Ellipses Binning 麥克亞當橢圓分級 Mac Adam binning elipse	Standard Deviation Colour Matching < 3 SDCM 標準偏差配色 < 3 SDCM Coincidencia de color estándar Desviación < 3 SDCM		
Luminaire Efficacy-燈具效率 La eficacia de la luminaria	55lm/W @ RGBW 90 Lm/w(3500K or 4000K) 48lm/w@ RGB	70 Lm/w(2700K) 100 Lm/w(5000K) 100 Lm/w(6500K) 80 Lm/w @ TW -Tunable White	85 Lm/w(3000K)
LED Source Luminous Efficacy-LED光源光效 Fuente luminosa LED Eficacia	70lm/W @ RGBW 140 Lm/w(4000K) @ MONO 65lm/w@ RGB	130 Lm/w(2700K) @ MONO 150 Lm/w(5000K) @ MONO 150 Lm/w @TW -Tunable White	130Lm/w(3000K) @ MONO 150 Lm/w(6500K) @ MONO
Housing materials/外殼材料 Materiales de la carcasa	6063 extruded aluminium & Anti UV Opal PC Diffuser or Clear lens Diffuser 6063擠壓鋁和抗紫外線乳白PC擴散器或透明PC擴散器 Aluminio extruido 6063 y difusor de PC Opal Anti UV o difusor de lente transparente		
Housing Color/ 邊框殼顏色 Color de la carcasa	Powder Coated in Silver Grey- UV Resistant plaster powder coating for Anti-corrosion Protection 銀灰色粉末塗料 (抗紫外線和抗腐蝕) Recubrimiento en polvo en gris plateado - Recubrimiento en polvo de yeso resistente a los rayos UV para protección anticorrosión		
Ingress Protection/ 防護等級Protección de ingreso	IP67		
Mech impact protection 機械衝擊保護 Protección contra impactos mecánicos	IK10		
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcionamiento	-20 °C / +60 °C		
Operating Humidity -工作濕度 Humedad de funcionamiento	0~90%, non-condensing-不結霜 sin condensación		
Dimension/尺寸Dimensión/(Lx W x H)	Refer to Technical Drawing 請參閱技術圖紙Consulte el dibujo técnico		
Comply Testing Standard 符合測試標準 Cumplir el estándar de prueba	EN/ IEC 60598-1;EN/IEC 60598-2-1;EN/IEC 62471 (RG1) ;EN/IEC 62493;EN/IEC 62031;IEC TR 62778; IEC62262; IEC62722-1; IEC 62722-2-1 RoHS CIBSE TM5 or IES TM21-L70 EN 55015; EN/IEC 61547 ;EN/IEC 61000-3-2; EN/IEC 61347-1;EN/IEC 61347-2-13;EN/ IEC 62384		
Certification-認證-Certificación	        		

Project	Fixture#	Date
		Firm

Ordering Information

Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

Example product code: [LACKE-12W-RGBN-10P](#)

LACKE - - - - -
Power Consumption Color Temperture PIXELS
Max

Power Consumption Max		Color Temperture		PIXELS	
Code	Description	Code	Description	Code	Description
3W	3W@L:250mm	RGBO	RGBO(2700K)	1P	1 Pixel / Meter
6W	6W@L:500mm	RGBW	RGBW(3000K)	2P	2 Pixels / Meter
12W	12W@L:1000mm	RGBN	RGBN(4000K)	4P	4 Pixels / Meter
16W	16W@L:1500mm	RGBD	RGBD(5000K)	5P	5 Pixels / Meter
20W	20W@L:2000mm	RGBC	RGBC(6500K)	10P	10 Pixels / Meter
		RGB	RGB		
		27	2700K@MONO		
		30	3000K@MONO		
		35	3500K@MONO		
		40	4000K@MONO		
		50	5000K@MONO		
		65	6500K@MONO		
		TW	Tunable white (2700K-6500K)		

Anti UV Opal PC Diffuser



Clear Lens

Accessories



MANYA

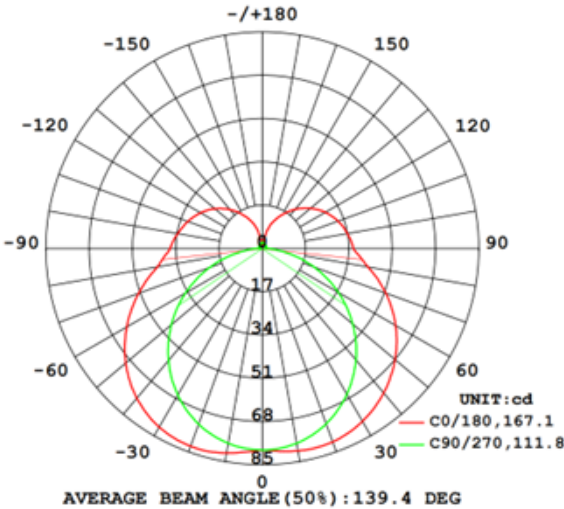
SLADE

CORE-DMX SPLITER

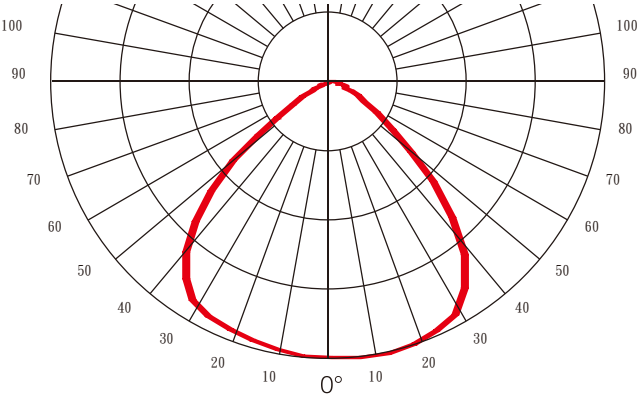
Anti UV PMMA Diffuser



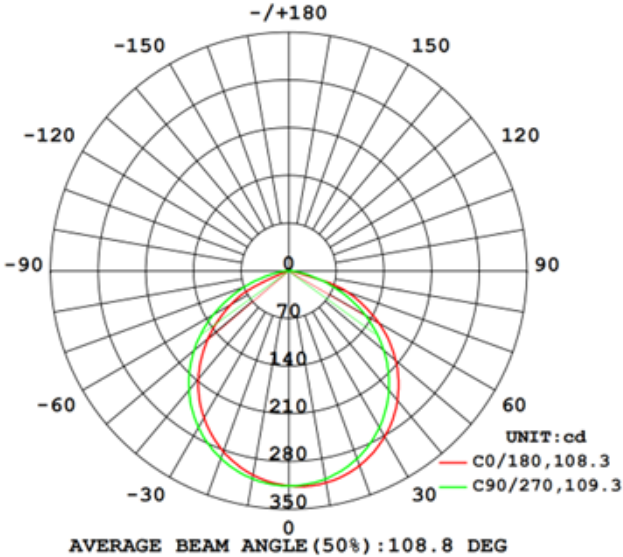
BEAM ANGLE



PMMA Top Diffuser



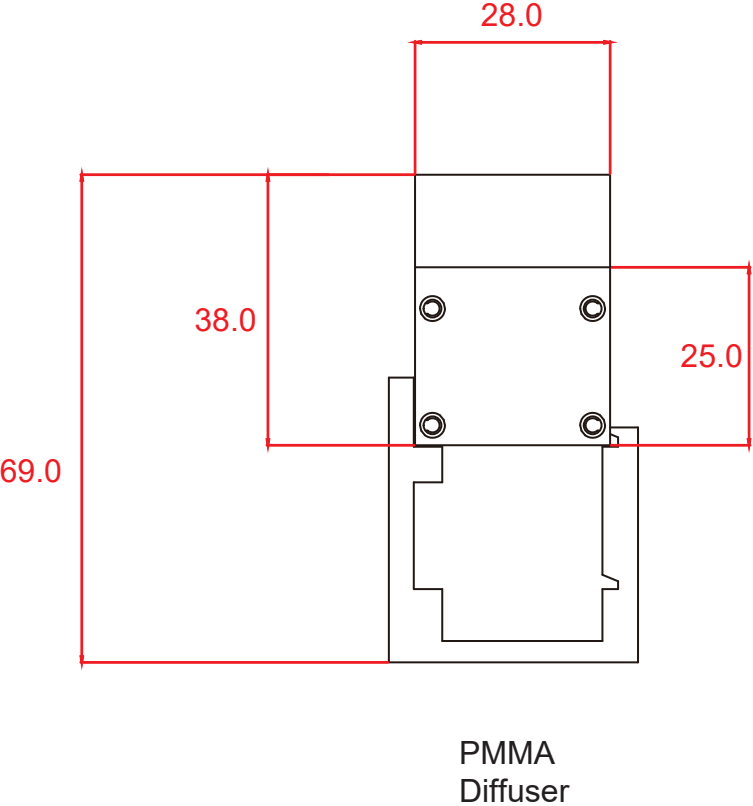
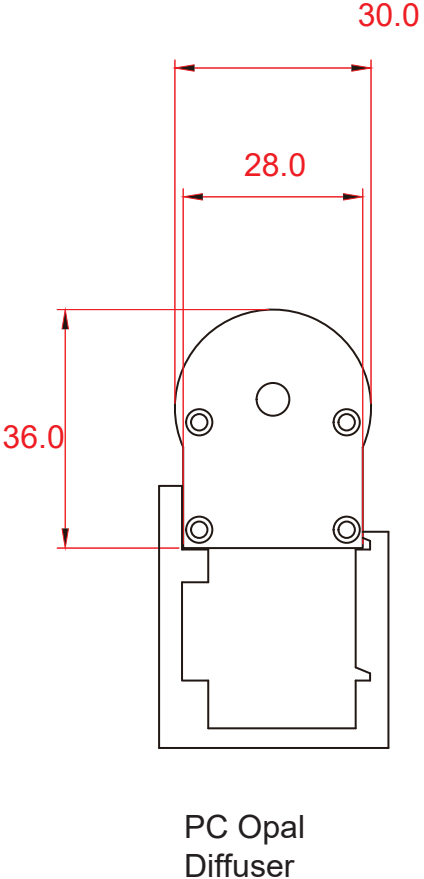
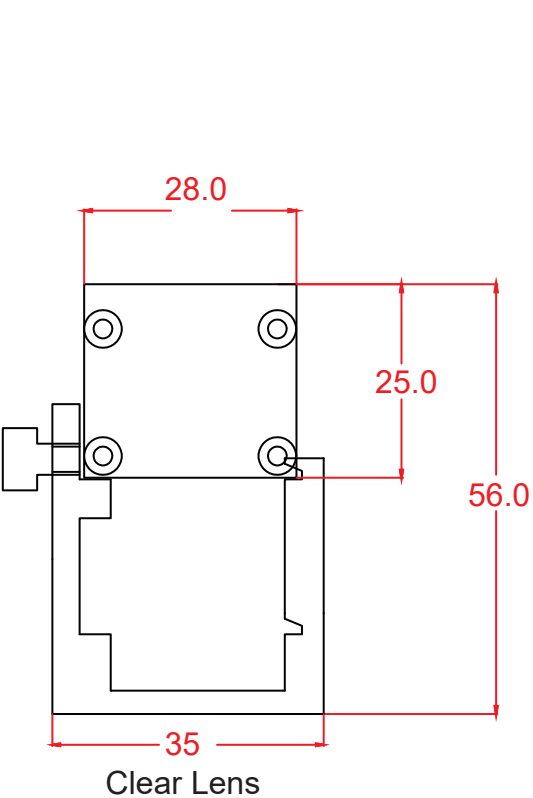
Opal PC Diffuser



Clear Lens

Technical Drawing-28mm Wide

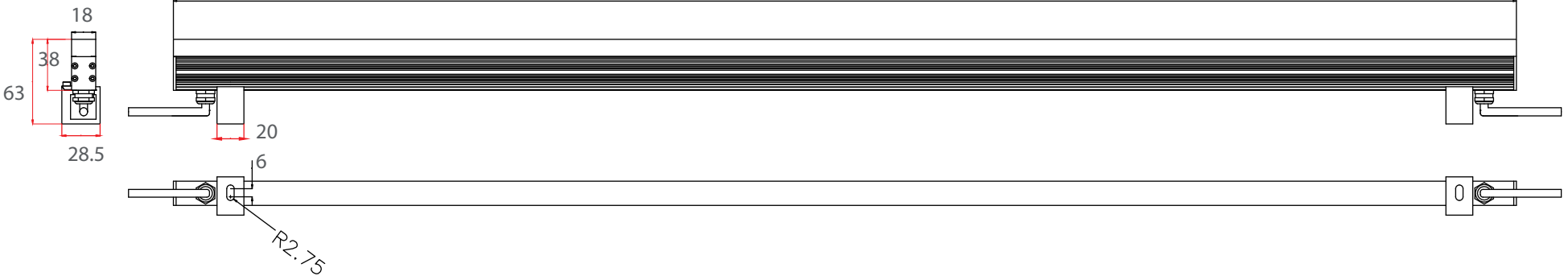
Length: 250mm / 500mm / 1000mm/ 1500mm/ 2000mm



Unit: mm

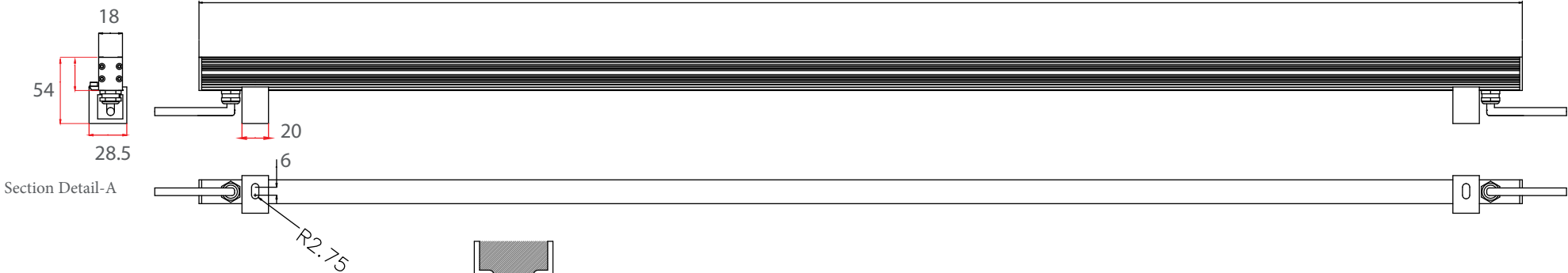
Technical Drawing - Wide 18mm

250mm / 500mm / 1000mm



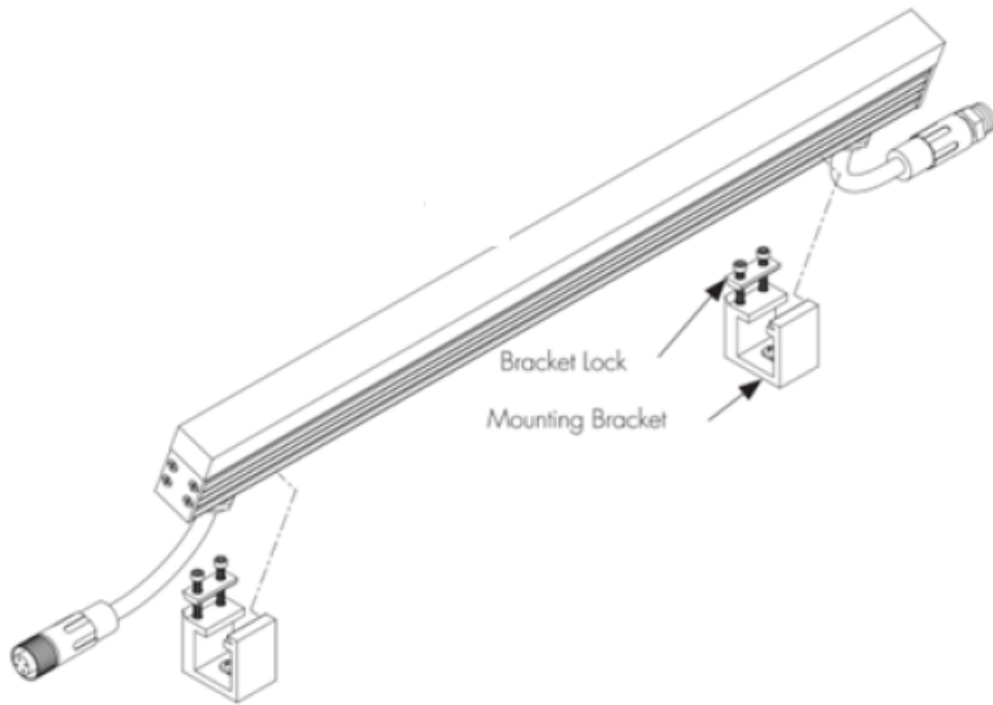
New product -Fill Gel
60lm/w @ Mono Color Beam Angle: 120

250mm / 500mm / 1000mm



Unit: mm

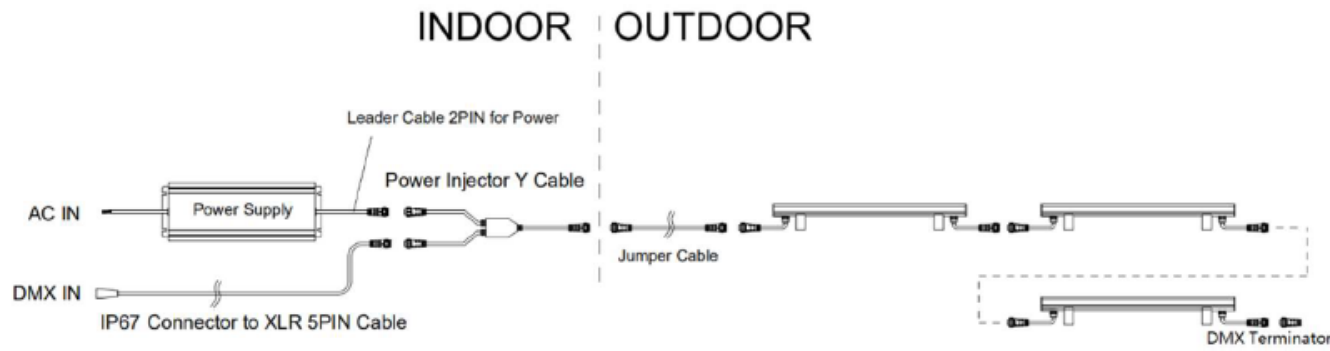
Technical Drawing - Mounting



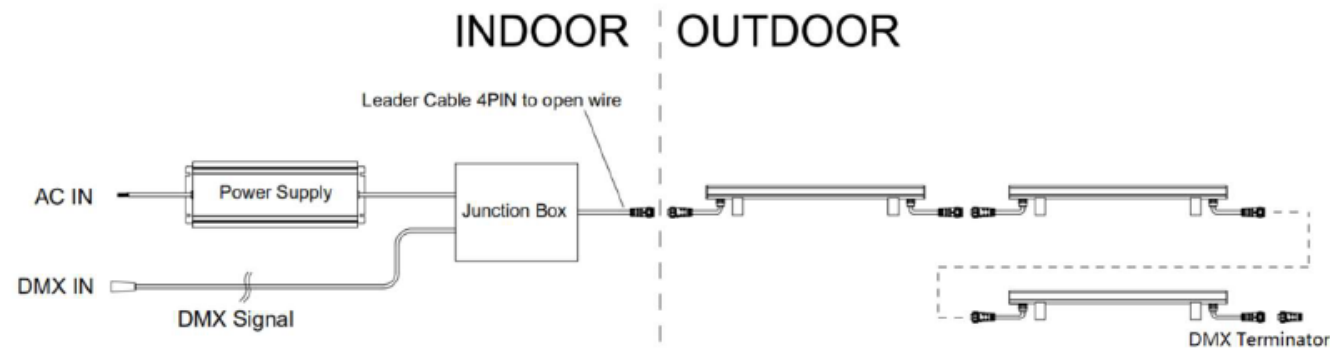
- Step1: Attach brackets to the mounting surface with appropriate fasteners
- Step2: Loosen the two screws that secure the bracket lock on each mounting bracket.
- Step3: Slide the bar into the fixed channel side of the bracket.
- Step4: Rotate the DMX Linear down so it rests on the surface of the brackets and tighten down the bracket lock using the Hex Wrench

System Diagram

Option1



Option2



Wire Color and Designations

Wire Color	Description
Red	24VDC
Black	Power and Signal GND
Green	DMX+
Blue	DMX-

Maximum Circuit Loading-Single Run

Maximum Current Through cables and connectors ≤ 5A

LED Power	Maximum Leader Cable Length from Junction Box to First Fitting	Max Daisy Chain Length with Signal Power Feed
12W per meter	20meter	10meter

Values are based on end to end spacing. Extended cables or jumper cables will affect loading.

Name	Order Code	Description
Leader Cable	LACKE-20CM	IP67 Connector,20cm Long 2PIN Female to open wire
Leader Cable	LACKE-2P-5M	IP67 Connector,5Meter Long 2PIN Female to open wire
Leader Cable	LACKE-4P-20CM	IP67 Connector,20cm Long 4PIN Female to open wire
Leader Cable	LACKE-4P-5M	IP67 Connector,5Meter Long 4PIN Female to open wire
Jumper Cable	LACKE-2P-5M	IP67 Connector,5Meter Long 2PIN Male to 5PIN Female
Jumper Cable	LACKE-4P-5M	IP67 Connector,5Meter Long 4PIN Male to 4PIN Female
IP67 Connector to XLR Cable	LACKE-4P-20CM-X	20CM Long 4PIN IP67 Female Connector to XLR 5PIN Male Cable
IP67 Connector to XLR Cable	LACKE-4P-5M-X	5M Long 4PIN IP67 Female Connector to XLR 5PIN Male Cable
Power Injector Y Cable	LACKE-Y-15CM	IP67 Connector,15CM 4PIN Male for LED;15CM 4PIN Female for LED;15CM 2PIN Male for Power
DMX Terminator	LACKE-DT4M	4PIN Male DMX Terminator with 120Ω Resistor Between DMX+ and DMX-
End Cap	LACKE-EC	End cap for female connector