



We Shape Architecture

Linear light · LD22

2022

Application

Low power consumption, high brightness. Support for a variety of customization including: pixel pitch, LED color (RGB, RGBW or Single Color). An integrated double-colored mold design, P68 protection grade, UL94-V0 flame retardant grade, Class III electrical safety, ensure effectively the stability of the lamp in outdoor environment for all weather conditions. Flexible mounting performance for a variety of irregular structures, easy installation and maintenance. Cost-effective for large scale installation. (Glass curtain walls, large building Display, Decorations, 3D shapes, etc.)

Lighting Performance

Customizable for different LED options (RGB, RGBW, White, Dynamic White, Single Color). With two different versions: clear or diffused. Color resolution of 16 bits, effects are more stylish and smooth; Exceeding the DMX protocol with more capacity and flexibility by utilizing our proprietary.

Lighting Structure

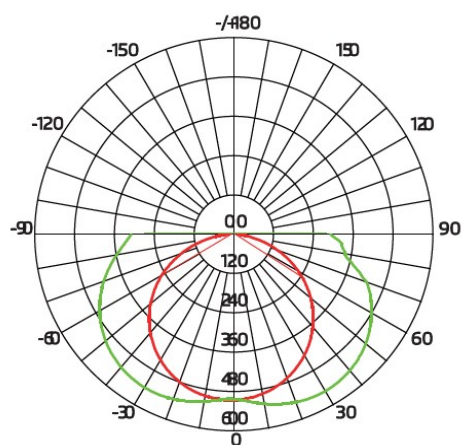
UV-resistant PC housing, Light-weight, Excellent anti shock ability, Long life and not easy to be aging or yellowing, can be mount on the building surface by bracket. The Steel wire and Aluminum Profile installation ensure reliable connections, while flexible and varied mounting options make it easy for installers to make LED fixture part of any structure.

Technical Specification:

Model	LD22-RGB	LD22-RGBW	LD22-W
Chip Brand	CREE/EPISTAR	CREE/EPISTAR	CREE/EPISTAR
LED Source	48 SMD RGB	48 SMD RGBW	48 SMD White
Grey Scale	65536	65536	65536
Beam Angle	25°/45°/60°/25°/45°/120 °	25°/45°/60°/25°/45°/120 °	25°/45°/60°/25°/45°/120 °
Housing	Aviation Aluminum	Aviation Aluminum	Aviation Aluminum
Housing Color	Transparent	Transparent	Transparent
Bracket	Stainless Steel/Aluminum Alloy	Stainless Steel/Aluminum Alloy	Stainless Steel/Aluminum Alloy
Cover	PC/ Aluminum	PC/ Aluminum	PC/ Aluminum
Weight	800g	800g	800g
Certification	ETL、CE、ROHS	ETL、CE、ROHS	ETL、CE、ROHS
Operating Voltage	DC 24V/DC 48V	DC 24V/DC 48V	DC 24V/DC 48V
Power Consumption	12 W	15W	12 W
Ingress Protection	IP65	IP65	IP65
Fire Protection Rating	UL94-V0	UL94-V0	UL94-V0
Operating Temperature	—35~60℃	—35~60℃	—35~60℃
Storage Temperature	—40~70℃	—40~70℃	—40~70℃
Lifespan	≥80000h	≥80000h	≥80000h
Control	DMX512	DMX512	ON-OFF or DMX512
Regular Size	1m、0.5m、0.25 m	1m、0.5m、0.25 m	1m、0.5m、0.25 m

※ Specification is subject to changes without prior notice for product improver

Optical Parameters:



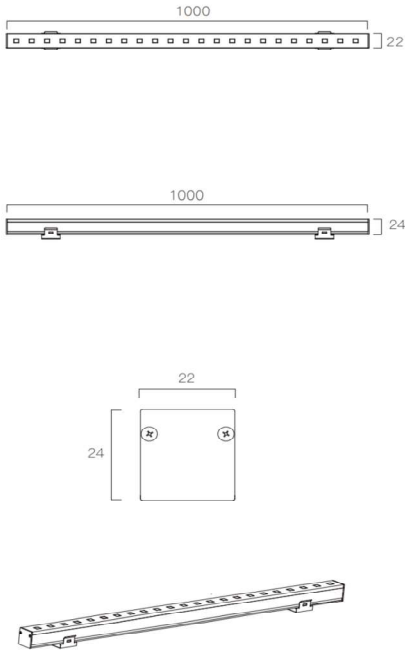
Luminous Flux: 130.3 lm

3.281ft 1m	1.626,4.701fc 17.50,50.60lx	9.878ft 301.08cm
6.562ft 2m	0.4064,1.175fc 4.374,12.65lx	19.76ft 602.15cm
9.843ft 3m	0.1806,0.5223fc 1.944,5.622lx	29.63ft 903.23cm
13.12ft 4m	0.1016,0.2938fc 1.094,3.162lx	39.51ft 1204.31cm
16.4ft 5m	0.0650,0.1880fc 0.6999,2.024lx	49.39ft 1505.39cm

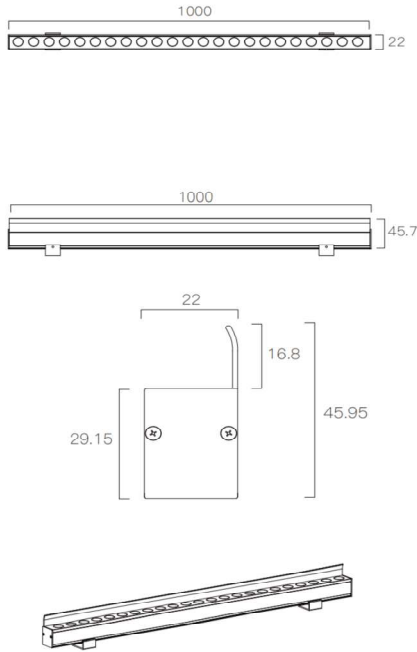
H(m) Eavg,Emax Beam Angle:112.81 ° Diameter

Product Structure Drawing (mm)

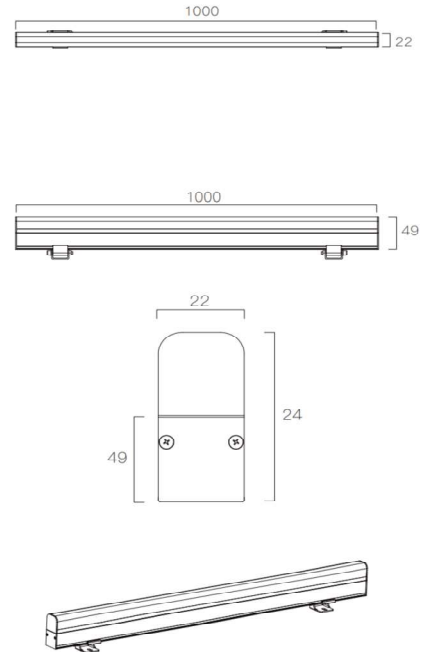
Type1



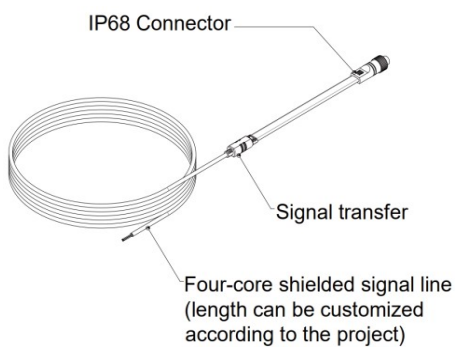
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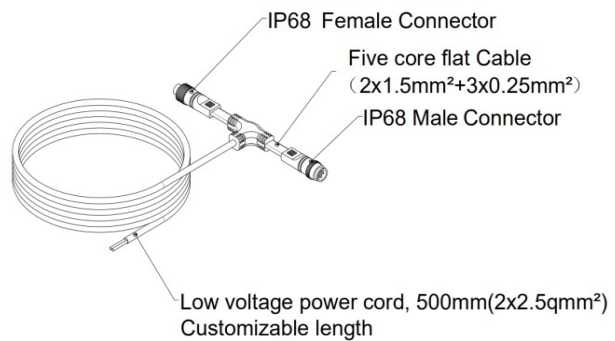
Type1



Installation Accessories

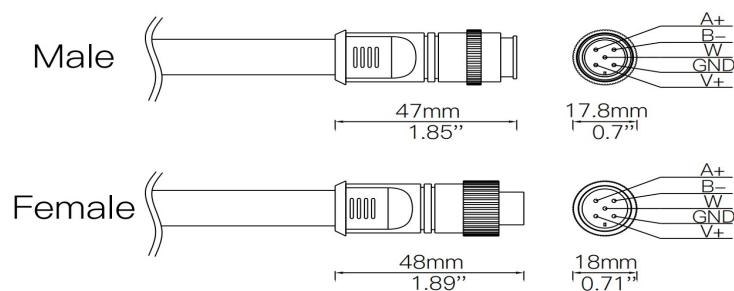


Signal Adapter

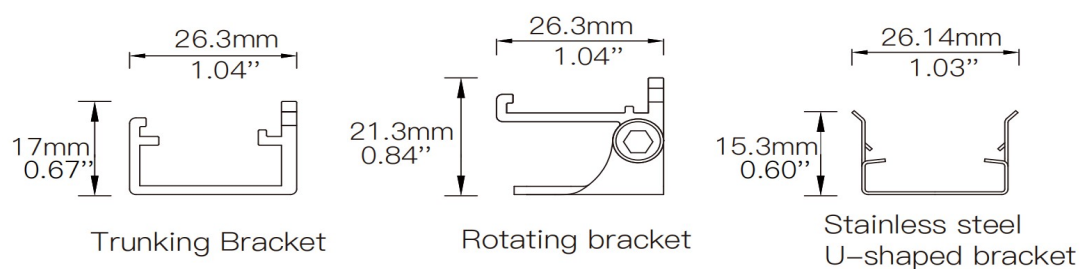


Power T Connector

Connector

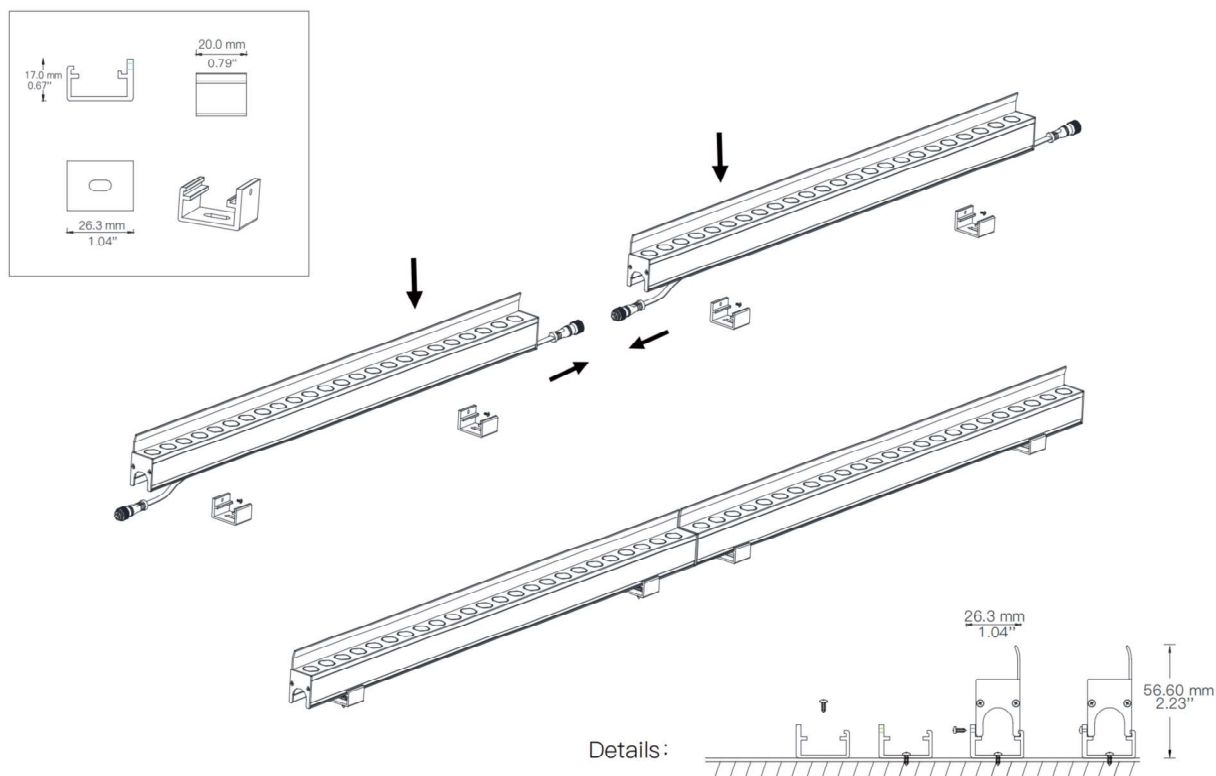


Bracket

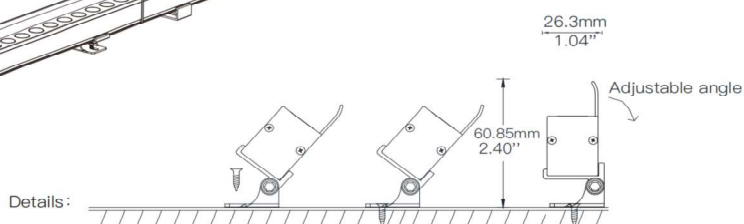
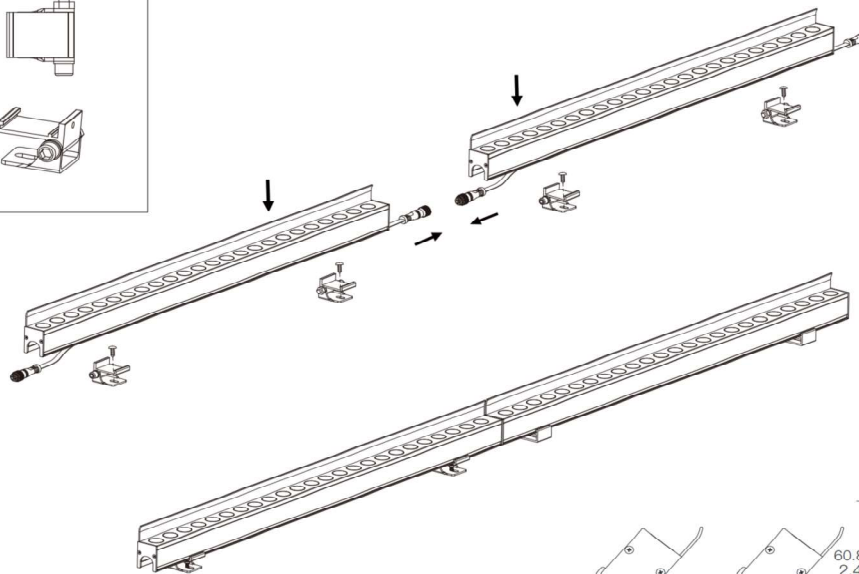
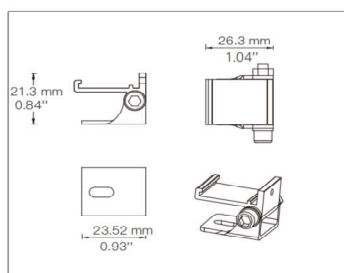


Installation Method

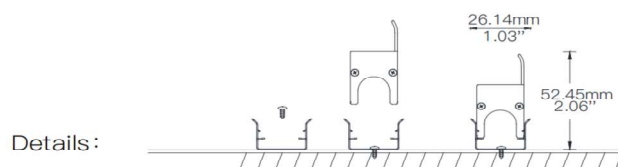
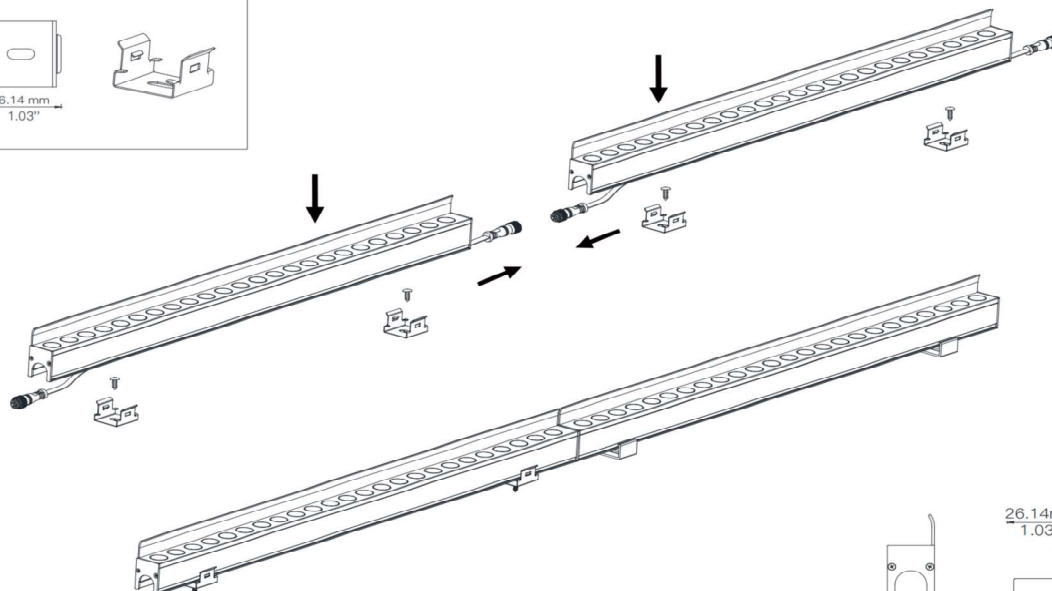
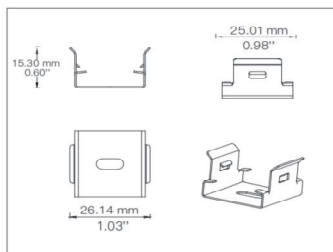
1. Installation Method 1



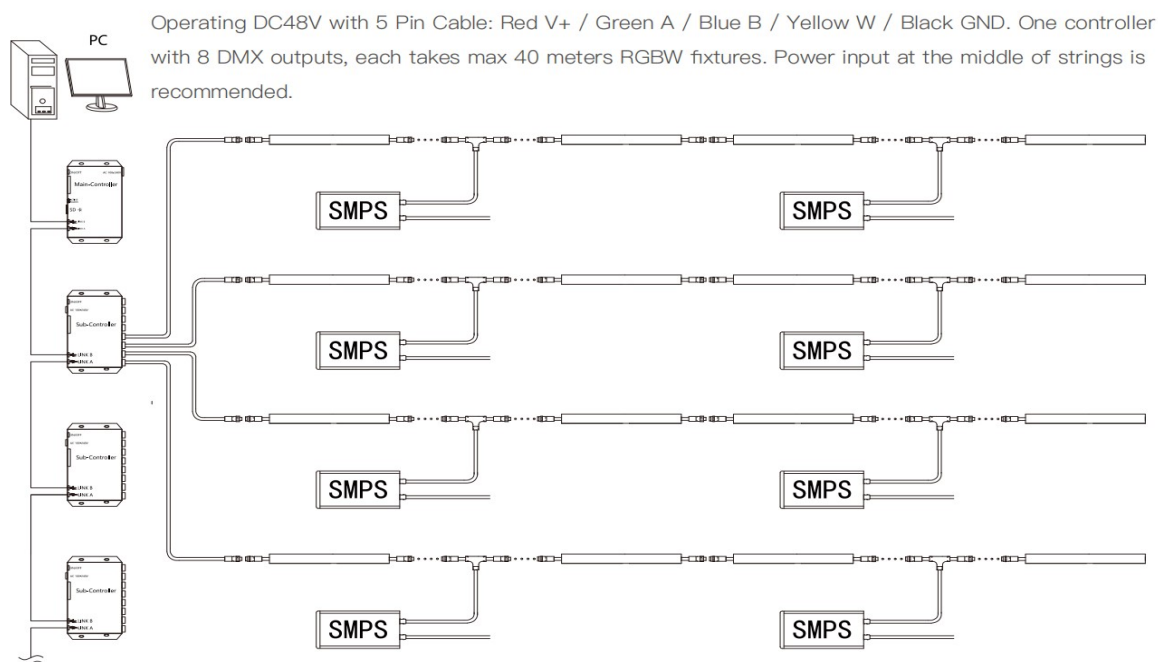
2. Installation Method 2



3. Installation Method 3



Control System Diagram



※ The actual system diagram may subject to change from the above example.

Project Cases

