

We Shape Architecture

Linear light · LD14

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). Integral Acrylic Cover, Delicate light effect, high light transmittance, good weather resistance, acid and alkali resistance. 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

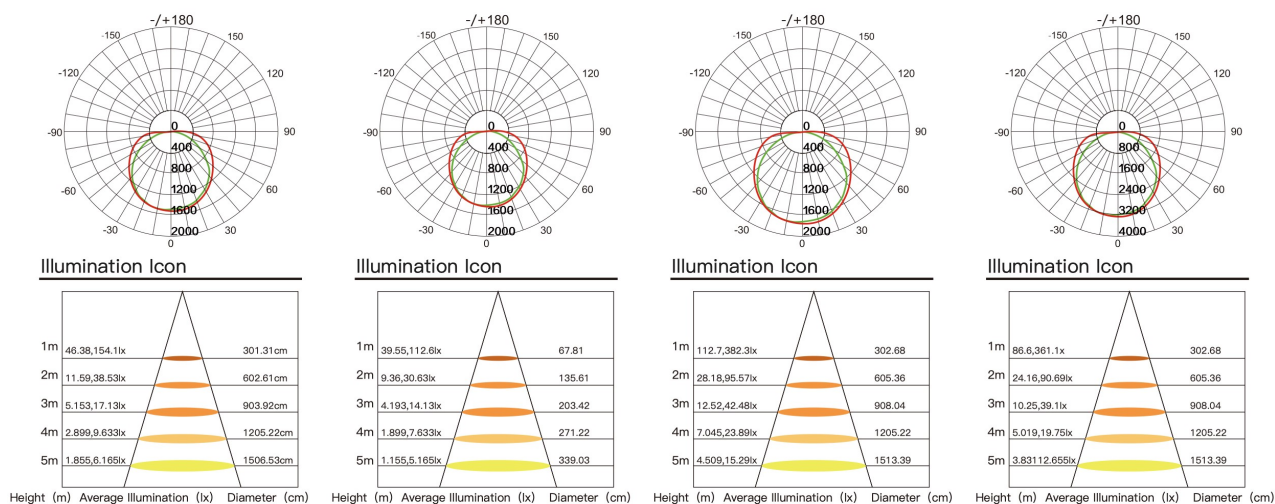
Aviation Aluminum Housing, High hardness, light weight, anti-oxidation and anti-corrosion, good heat conduction, Excellent anti shock ability, Long life and not easy to be aging or yellowing. Flexible and varied mounting options make it easy for installers to make LED fixture part of any structure.

Technical Specification:

Model	LD14 RGB	LD14 RGBW	LD14 W
Chip Brand	CREE/EPISTAR	CREE/EPISTAR	CREE/EPISTAR
LED Source	48 SMD RGB	48 SMD RGBW	48 SMD W
Grey Scale	65536	65536	65536
Beam Angle	120°	120°	120°
Housing	Aviation Aluminum	Aviation Aluminum	Aviation Aluminum
Surface Coating	Oxiation/Electrostatic Powder	Oxiation/Electrostatic Powder	Oxiation/Electrostatic Powder
Housing Color	Silver/Customized	Silver/Customized	Silver/Customized
Bracket	Stainless Steel/Aluminum Alloy	Stainless Steel/Aluminum Alloy	Stainless Steel/Aluminum Alloy
Cover	Aluminum	Aluminum	Aluminum
Weight	500g	500g	500g
Certification	ETL、CE、ROHS	ETL、CE、ROHS	ETL、CE、ROHS
Operating Voltage	DC24V	DC24V	DC24V
Power Consumption	12W	14.4W	12W
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 / DMX512
Regular Size	1m、0.5m、0.3 m	1m、0.5m、0.3 m	1m、0.5m、0.3 m

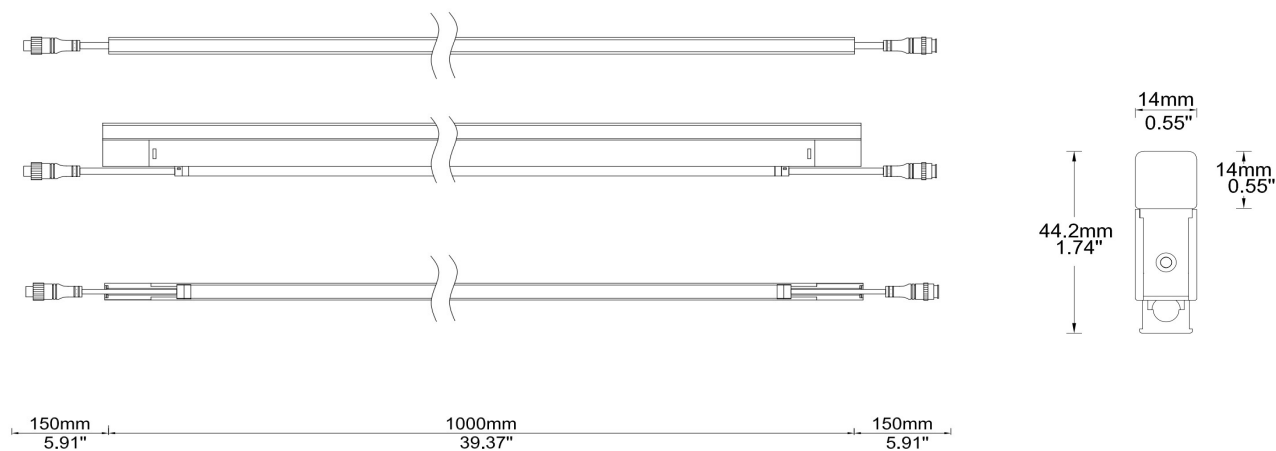
※ Specification is subject to changes without prior notice for product improver

Optical Parameters:

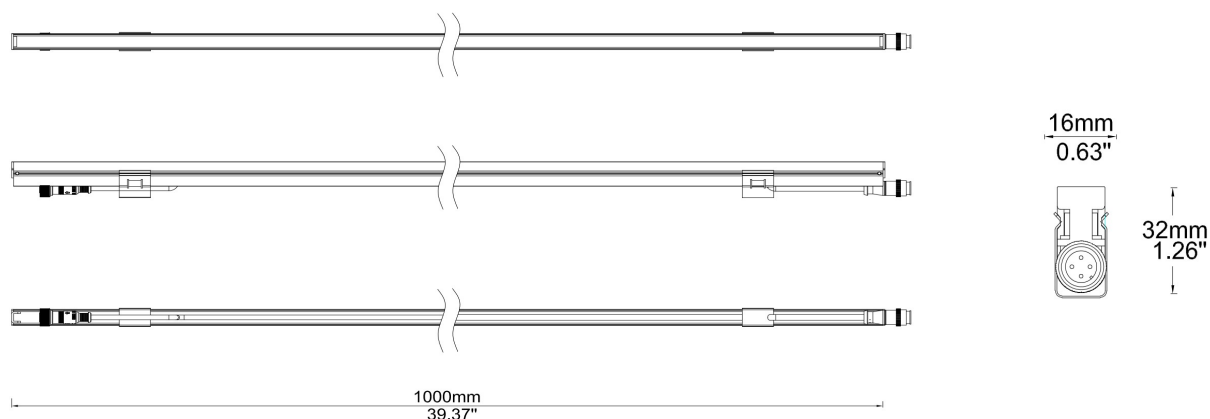


Product Structure Drawing (mm)

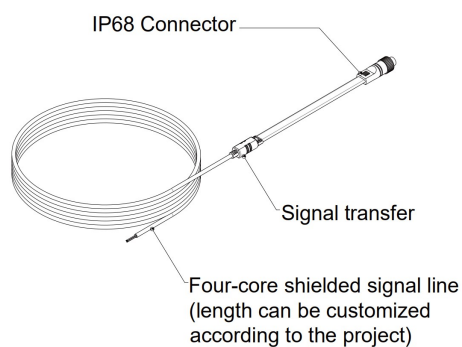
Model: LD14 - A



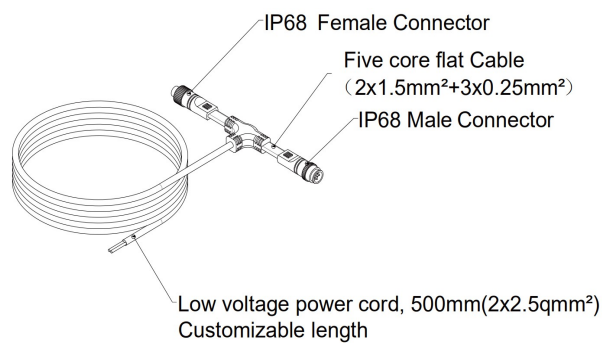
Model: LD14 - C & LD14 - M



Installation Accessories



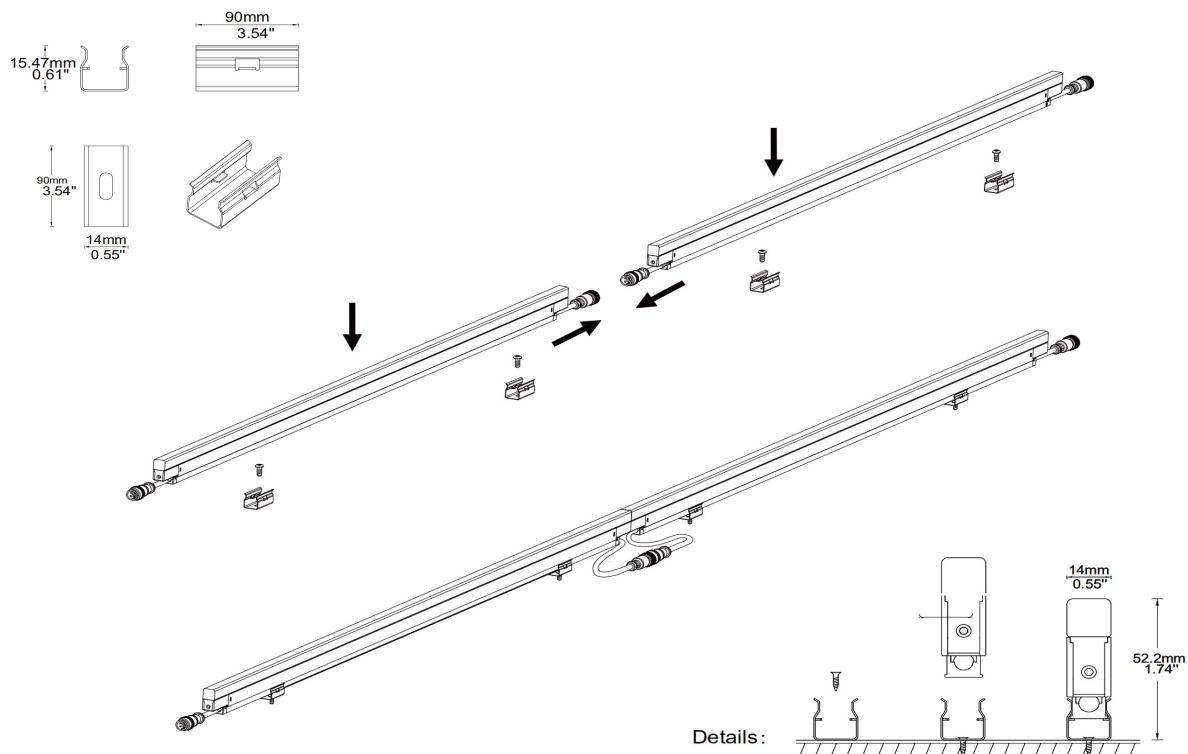
Signal Adapter



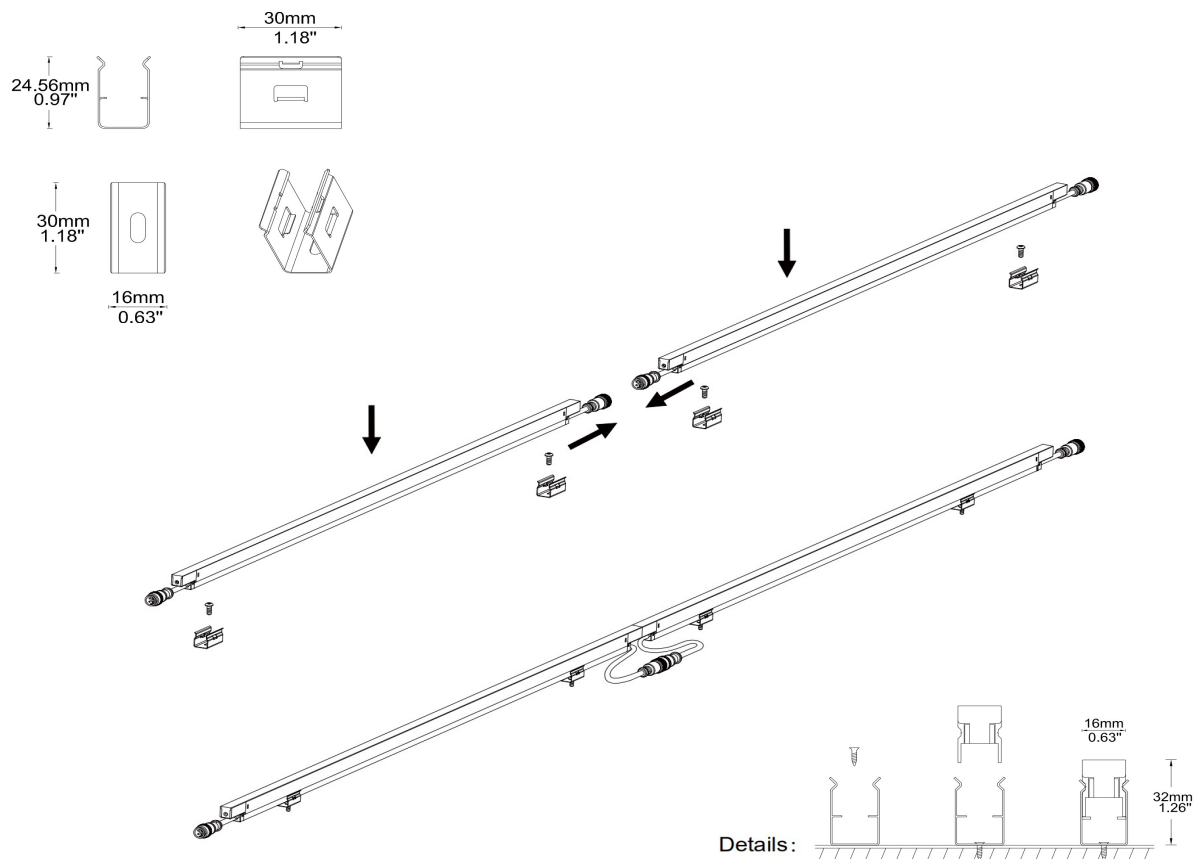
Power T Connector

Installation Method

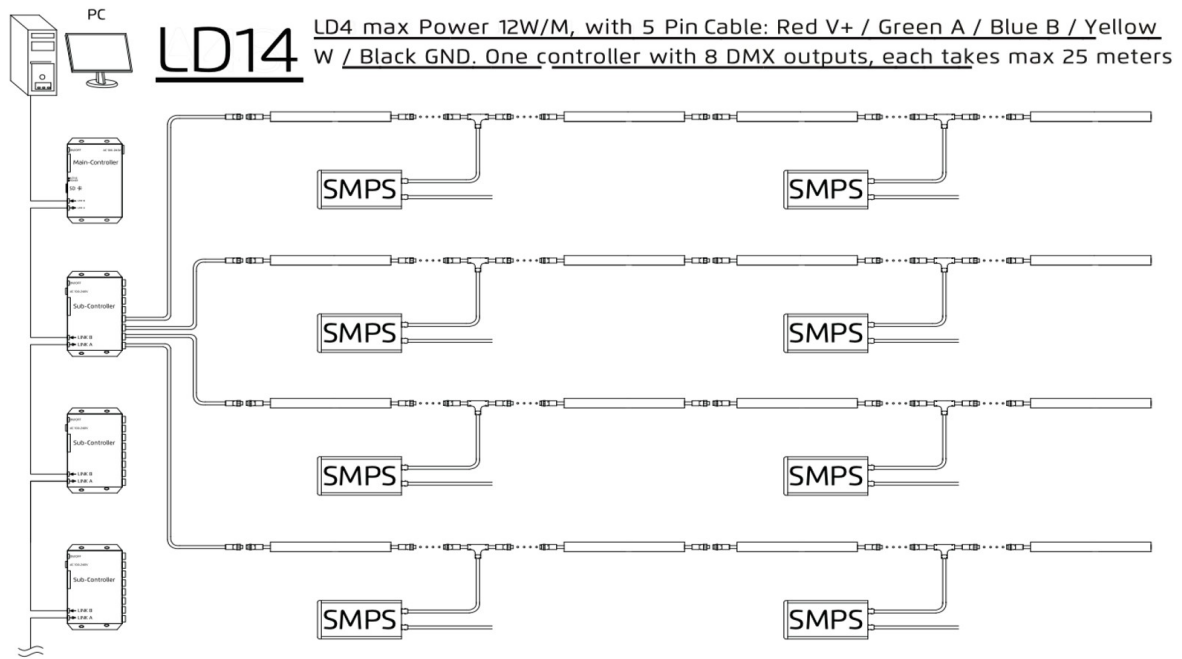
Model: LD14 - A



Model: LD14 - C & LD14 - M

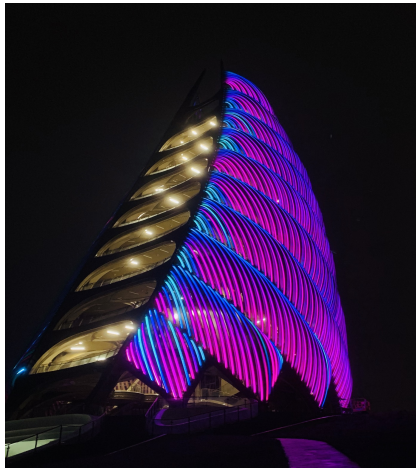


Control System Diagram



The actual system diagram may subject to change from the above

Project Cases



Bamboo Tower, China (2021)