

LS-LR-06

ADJUSTABLE SURFACE MOUNTED LED BAR SPECIFICATIONS



Job Information	
Project Name	
Type	
Location	
Quantity	
Date	

DESCRIPTION

This durable and sleek linear fixture features a choice of diffused lens for soft, uniform light distribution, minimizing glare and creating a clean wash effect, as well as choice of tempered glass for higher lumen output. Designed for top-mounted installation, it's ideal for highlighting walls, facades, and architectural surfaces.

Perfect for both ambient and accent lighting, it combines minimalist aesthetics with reliable performance—suitable for a variety of indoor and outdoor applications.

OVERVIEW

- Different options for lens
- 60W to 200W noise-free and flicker-free drivers, TRIAC/120V, DALI, or 1-10V/100-277V
- True color – 80 CRI, produces outstanding illumination
- RGBW option / color changing, RGWB control with DMX512

PERFORMANCE

MODEL NAME	LS-LR-06	LS-LR-06 (RGB)	LS-LR-06 (RGBW)
POWER CONSUMPTION(±10%)	3 W 6 W 12 W	3 W 6 W 12 W	4 W 7 W 15 W
INPUT VOLTAGE	24 VDC	24 VDC	24 VDC
LUMINOUS FLUX (±10%)	210 LM 420 LM 840 LM	50 LM 100 LM 200 LM	70 LM 150 LM 300 LM
EFFICACY(4000K RA80)	70 LM/W 70 LM/W 70 LM/W	17 LM/W 17 LM/W 17 LM/W	18 LM/W 21 LM/W 20 LM/W
LENGTH	300MM 500MM 1000MM	300MM 500MM 1000MM	300MM 500MM 1000MM
DIMMING	TRIAC/0-10V/DALI	DMX512/DMX512	DMX512
CCT	2700K/3000K/4000K/5700K	RGB/RGBW(3000K/4000K)	RGB/RGBW(3000K/4000K)
CRI	80	80	80
BEAM ANGLE	80° (125° ACRYLIC DIFFUSER)	100° (125° ACRYLIC DIFFUSER)	100° (125° ACRYLIC DIFFUSER)
BODY MATERIAL	DIE CASTING ALUMINUM	DIE CASTING ALUMINUM	DIE CASTING ALUMINUM
FINISH	DARK GREY	DARK GREY	DARK GREY
LENS OPTIONS	4MM TEMPERED GLASS ACRYLIC DIFFUSER TALL ACRYLIC DIFFUSER	4MM TEMPERED GLASS ACRYLIC DIFFUSER TALL ACRYLIC DIFFUSER	4MM TEMPERED GLASS ACRYLIC DIFFUSER TALL ACRYLIC DIFFUSER
POWER CORD LENGTH	0.5M RUBBER CABLE, UP TO 8M OPTIONAL 2*1.0mm ² (ON/OFF, 0-10V, DALI) 2*1.0mm ² +3*0.5mm ² (DMX512)	0.5M RUBBER CABLE, UP TO 8M OPTIONAL 2*1.0mm ² (ON/OFF, 0-10V, DALI) 2*1.0mm ² +3*0.5mm ² (DMX512)	0.5M RUBBER CABLE, UP TO 8M OPTIONAL 2*1.0mm ² (ON/OFF, 0-10V, DALI) 2*1.0mm ² +3*0.5mm ² (DMX512)
IP RATING	IP65	IP65	IP65
IK RATING	IK06	IK06	IK06
OPERATING TEMPERATURE	-20°C TO + 55°C(-4°F TO 131°F)	-20°C TO + 55°C(-4°F TO 131°F)	-20°C TO + 55°C(-4°F TO 131°F)
LIFESPAN OF LED @TA=25°C	50000 HRS	50000 HRS	50000 HRS
WARRANTY	5 YEARS	5 YEARS	5 YEARS

PRODUCT ORDERING GUIDE

EXAMPLE: LS-LR-06-12W-10-80-TG-2700-80-V-G-PC-800

SERIES	WATTAGE(W)	BEAM ANGLE/LENS	CCT	CRI	DIMMING	OPTIONS
LS-LR-06	3W-03 (300MM)	80°-TG (TEMPERED GLASS)	2700	80	T: TRIAC	PC-X ①
	6W-05 (500MM)	80°-AT (ACRYLIC DIFFUSED TALL)	3000		V: 0-10V	
	12W-10 (1000MM)	125°-AD (ACRYLIC DIFFUSED)	4000		D: DALI	
LS-LR-06	3W-03 (300MM)	100°-TG (TEMPERED GLASS)	5700	RGB	X: DMX51	PC-X ①
	6W-05 (500MM)	100°-AT (ACRYLIC DIFFUSED TALL)	RGB		X2: DMX512	
	12W-10 (1000MM)	125°-AD (ACRYLIC DIFFUSED)	RGB			
LS-LR-06	4W-03 (300MM)	100°-TG (TEMPERED GLASS)	RGBW3000	80	X2: DMSX512	PC-X ①
	7W-05 (500MM)	100°-AT (ACRYLIC DIFFUSED TALL)	RGBW4000			
	15W-10 (1000MM)	125°-AD (ACRYLIC DIFFUSED)				

NOTES:

① THE MAXIMUM OPTIONAL LENGTH OF CORD CAN BE UP TO 800CM. THE STANDARD LENGTH IS 50CM. SPECIFY THE OPTIONAL LENGTH IN CM IN PLACE OF "X."



FEATURES

Optics

Cutting-edge optics ensure quality lighting. Choice of diffused acrylic lens or tempered glass available.

Electrical

Voltage: 24 VDC

Environment & Certifications

cETL listed for wet locations

Warranty

5 years limited warranty

Finish

The powder-coated finish ensures a uniform appearance, offering long-term durability and superior aesthetics.

Housing Material

Die-cast aluminum housing ensures durability and efficiency, Heat tempered transparent glass lens provides higher efficiency.

LED System

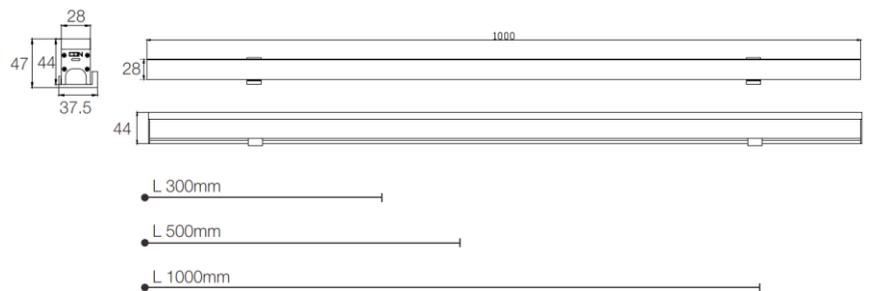
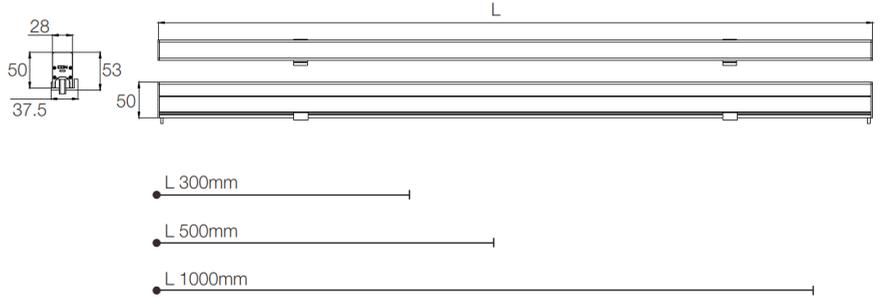
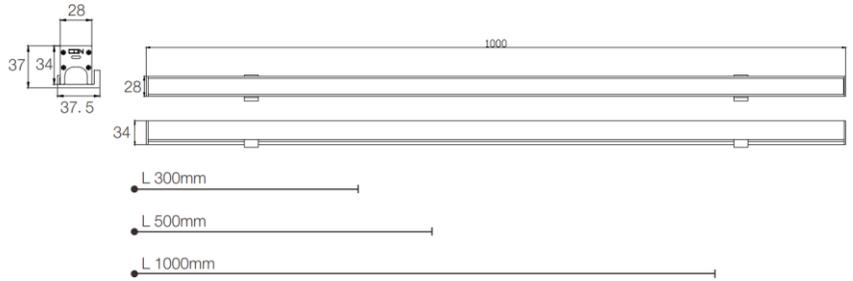
CRI With an 80 color rendering index (CRI), this product delivers outstanding illumination, featuring tight chromatically specifications and a precise color binning process to ensure consistency in CRI and CCT.

CCT Available in RGBW, or single CCT: 2700K, 3000K, 4000K, and 5700K, with excellent color consistency.

LS-LR-06

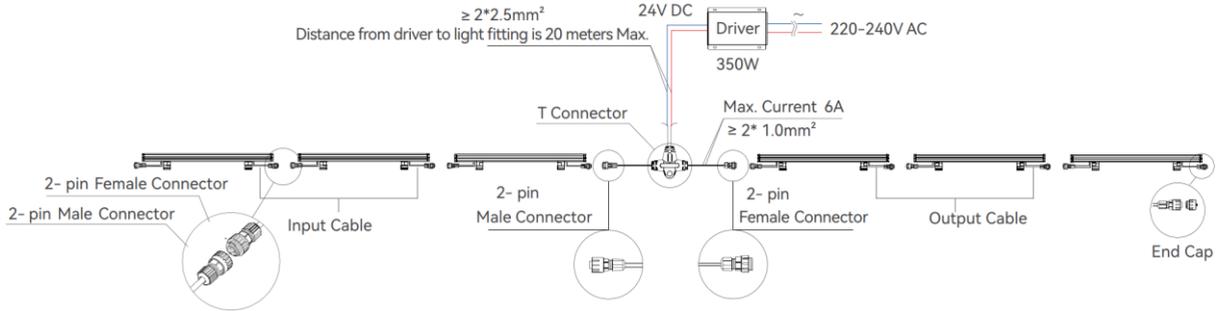
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DIMENSIONS (mm)



WIRING DIAGRAMS

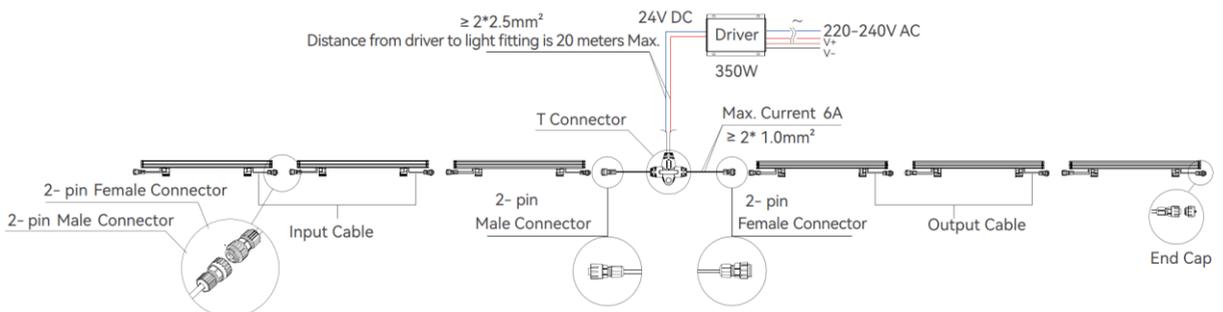
ON/OFF (Single CCT)



Remarks:

Driver is recommended to be installed in the middle of lights, the lights are on two sides, total length of each side is 10m Max. and total wattage of each side shall be less than 140W

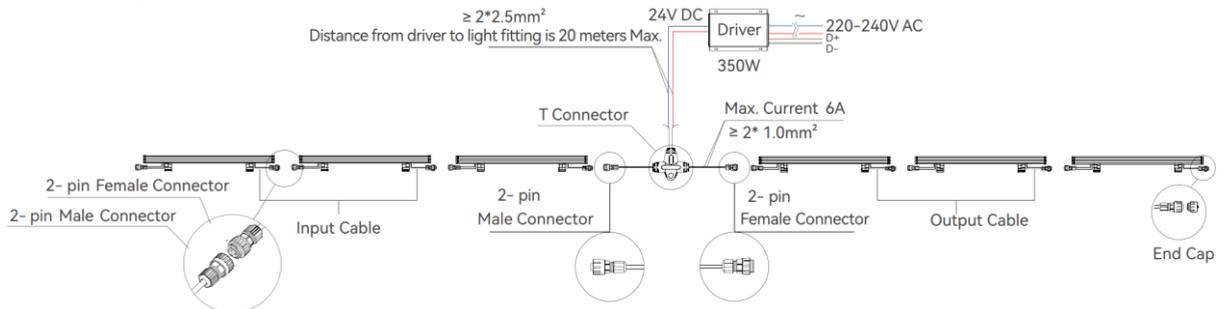
0-10V (Single CCT, DC24V)



Remarks:

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DALI (Single CCT, DC24V)

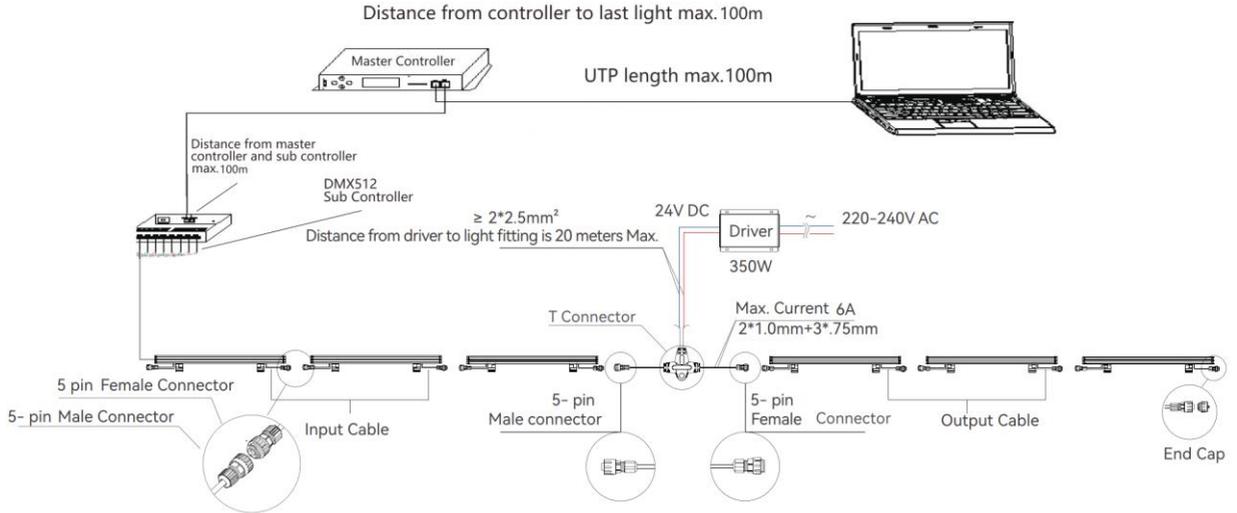


Remarks:

Driver is recommended to be installed in the middle of lights, the lights are on two sides, total length of each side is 10m Max. and total wattage of each side shall be less than 140W

WIRING DIAGRAMS

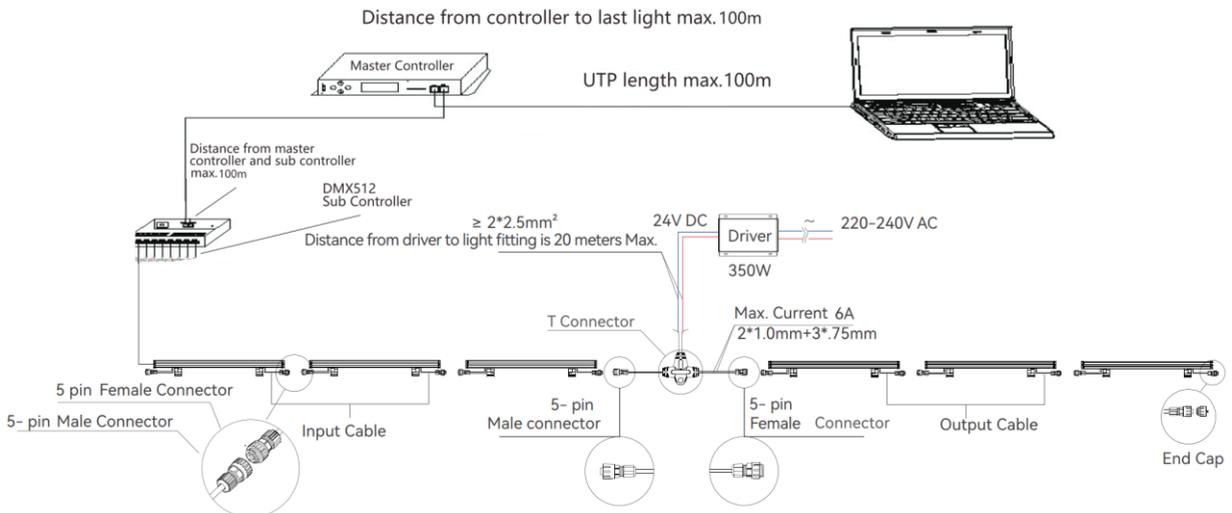
DMX512 (Single CCT,DC24V)



Remarks:

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DMX512 (Single CCT,DC24V)



Remarks:

Driver is recommended to be installed in the middle of lights, the lights are on two sides, total length of each side is 10m Max. and total wattage of each side shall be less than 140W