

TPK LED LINEAR LIGHT

LLS-OP-D50



LED liner light is advanced decorating lights. The strong points are low power consumption, long life span, high brightness, free maintenance, etc. This product is mainly used for billboards background, overpasses, rivers, lake fence, building outlines, etc.



Product Specifications

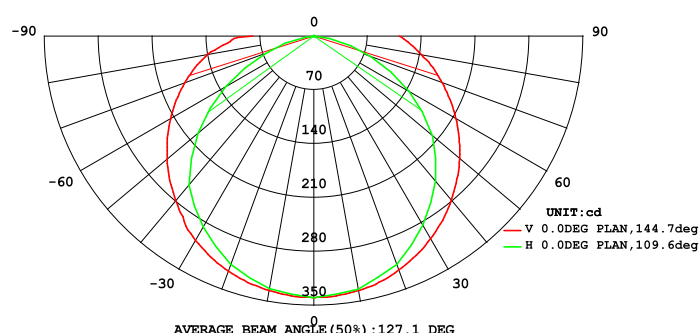
Dimensions	L1222mm			L617mm			L315mm			L1222mm			L617mm			L315mm		
Light Source	RGBW	RGB	White	RGBW	RGB	White	RGBW	RGB	White	RGBW	RGB	White	RGBW	RGB	White	RGBW	RGB	White
Color Range	16.7 Million additive RGBW colors; White 3000~6500K																	
Beam Angle	Optional lens 150°																	
Voltage	24V DC									100~277V AC								
Power	32W	28W		16W	14W		8W	7W		36W	32W		18W	16W		9W	8W	
Luminous Flux	1120lm	700lm	1400lm	560lm	350lm	700lm	280m	175lm	350lm	1160lm	800lm	1600lm	630lm	400lm	800lm	315m	200lm	400lm
Efficacy	35lm/W	25lm/W	50lm/W	35lm/W	25lm/W	50lm/W	35lm/W	25lm/W	50lm/W	35lm/W	25lm/W	50lm/W	35lm/W	25lm/W	50lm/W	35lm/W	25lm/W	50lm/W
Housing	Aluminum alloy6063																	
Cover Lens	PC+UV resistant material																	
Mounting	Fixed, non-adjustable mounting bracket (x2 per Tube)																	
Weight	1.9kg			0.95kg			0.55kg			2.1kg			1.1kg			0.6kg		
Environment	Outdoor, IP66																	
Light Life	50,000 hours																	
Operating Temperature	- 20°C to +45°C																	

Electrical Specifications

Control	DMX512/Steady color/Dimmer
Addressing Options	Auto-addressing per daisy-chain
Fixture Interconnection	See System Diagram

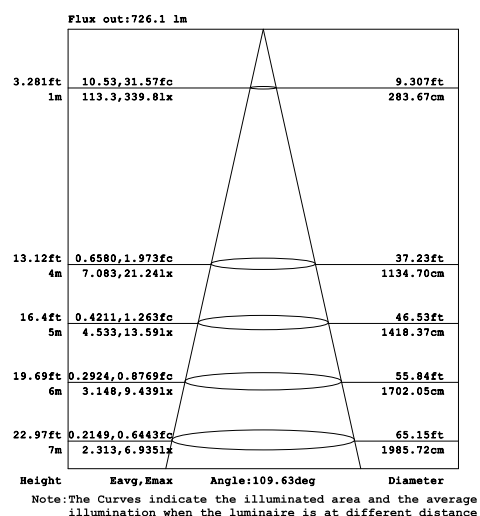
Candela Distribution (Direct View)

Illuminance at a Distance



Light Output

Color	Luminous Flux (lm)	Efficacy (lm/W)
1222mm		
RGBW (full-on)	1159	37.32



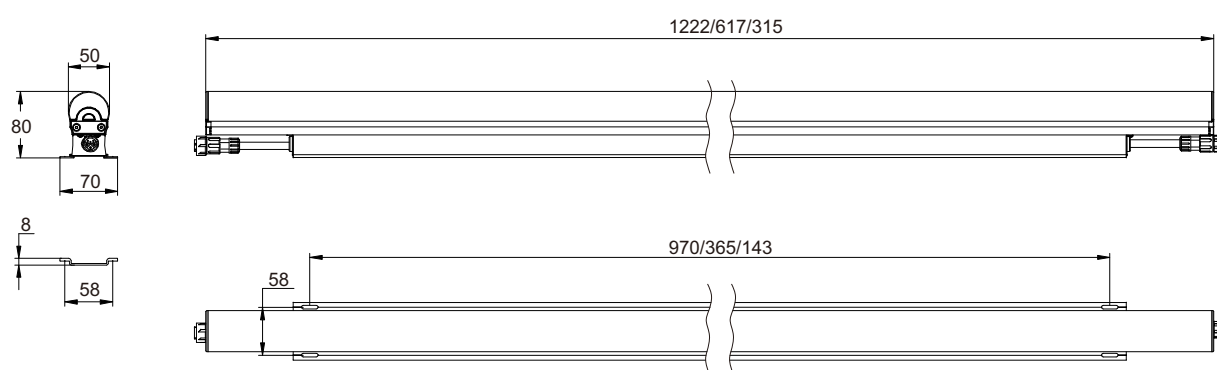
Dimension drawing

Unit:mm

24V DC:

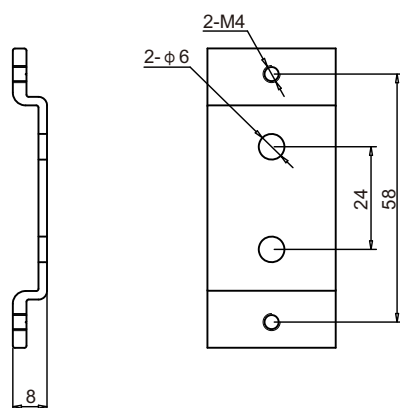


100~277V AC:



Installation

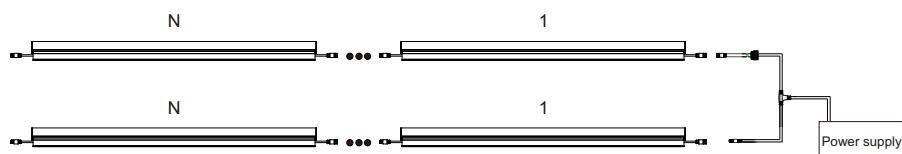
Fix the brackets via M4 tapping screws, mounting size as below:



System Diagram

Steady color connection:

24VDC type:



100~277VAC type:

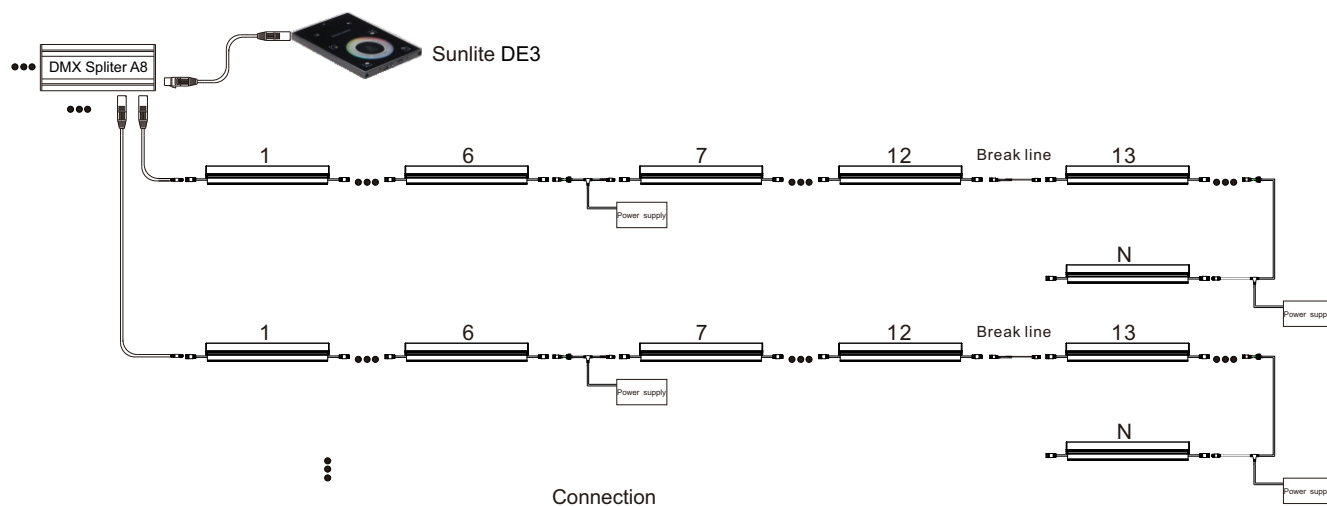


System Diagram

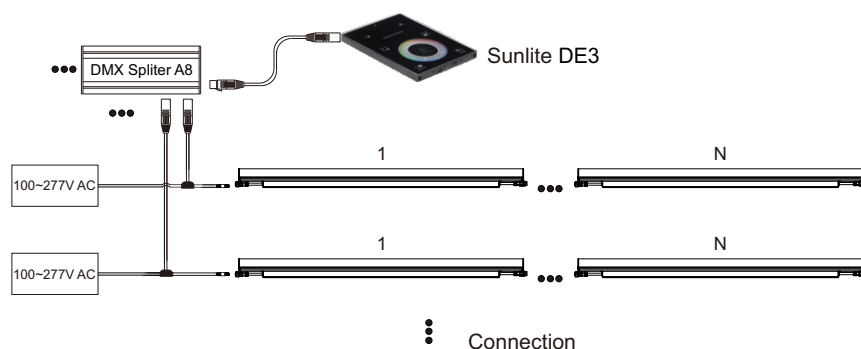
DMX Control connection:

- 1.Signal Max.connection is 40 pcs fixture every port,if over 40pcs,then signal splitter or use same DMX address for all lights.
- 2.Controller for option:Sunlite; MATRIX; PHAROS; MR and other DMX signal controllers.

24VDC type:



100~277V type:

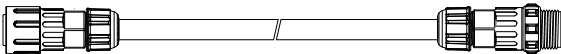


Mode No	Voltage	Power connection (MAX)	Voltage	Power connection (MAX)	Signal Connection (RGBW:40CH/4ft)
LLS-OP-D50-L12-DMX	24V DC	6 PCS	100~277V AC	16 PCS(100~120V) 36 PCS(220~277V)	12 PCS
LLS-OP-D50-L6-DMX	24V DC	12 PCS	100~277V AC	33 PCS(100~120V) 73 PCS(220~277V)	24 PCS
LLS-OP-D50-L3-DMX	24V DC	24 PCS	100~277V AC	66 PCS(100~120V) 146 PCS(220~277V)	42 PCS
LLS-OP-D50-L12-S	24V DC	6 PCS	100~277V AC	16 PCS(100~120V) 36 PCS(220~277V)	-
LLS-OP-D50-L6-S	24V DC	12 PCS	100~277V AC	33 PCS(100~120V) 73 PCS(220~277V)	-
LLS-OP-D50-L3-S	24V DC	24 PCS	100~277V AC	66 PCS(100~120V) 146 PCS(220~277V)	-

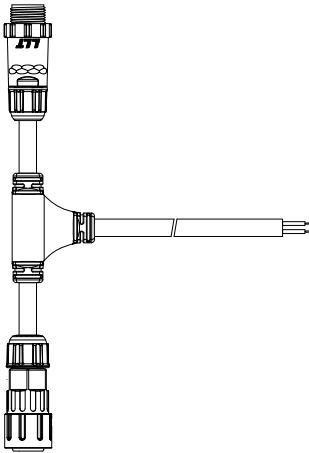
Wire Distribution

24VDC type:

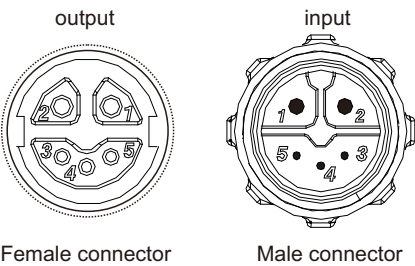
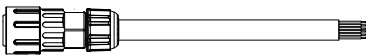
Extension cable



T-cable



Signal output cable



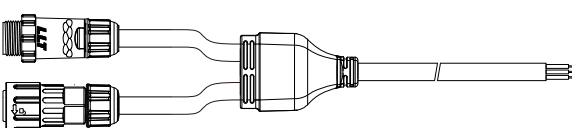
Wire#	Description	Color
1	V+	Black
2	V-	White
3	A+	Purple
4	B-	Pink
5	PI/PO	Yellow

100~277V type:

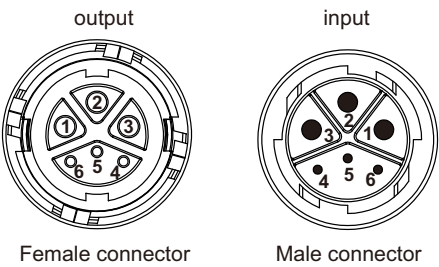
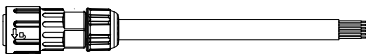
Extension cable



Y-cable



Signal output cable



Wire#	Description	Color
1	N	White
2	E	Green
3	L	Black
4	B-	Blue
5	GND	RVVP
6	A+	Red

Caution: 1. Do not plug them into power when the product is still in package;
2. Don't use anything to cover the fixture during application;
3. Don't use this product in close environment;
4. If this product appears to be damaged, do not attempt any repair, please contact your dealer.

Warning: 1. Pls twist the connector well in order to avoid water going side and making fixture failure.