

Product Characteristics

- Multi-layer structure waterproof, outdoor application more stable and reliable.
- High brightness, low energy consumption, to meet large area lighting needs.
- Support intelligent control and dynamic lighting effects to adapt to different scenes.
- Multi-angle lens optional, low glare design, to ensure uniform light, improve the architectural beauty.

Structure

Color Range	RGBW (3000K, 4000K, 6000K); White 2700~6500K
Optics	10° 20° 40° 60° 10°20° 15°40° 15°55° Others
Housing	Aluminum alloy 6063
Cover Lens	Tempered glass
Environment	Outdoor, IP66
Light Life	50,000 hours
Warranty	3 years
Operating Temperature	-20°C to +40°C

Packaging

Voltage	24V DC		
Dimensions	4ft (L1,218 mm)	2ft (L615 mm)	1ft (L314 mm)
Net Weight	1.7 kg ± 5%	1.0 kg ± 5%	0.7 kg ± 5%
Quantity	8 Units/Ctn	12 Units/Ctn	20 Units/Ctn
Carton size (cm)	127*33*25.5	67*48.5*25.5	71.5*38*25.5

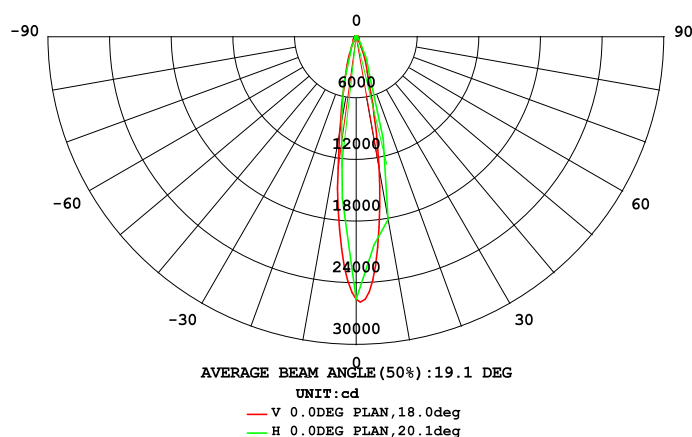
Voltage	100~240V AC / 100~277V AC		
Dimensions	4ft (L1,218 mm)	2ft (L615 mm)	1ft (L314 mm)
Net Weight	2.6 kg ± 5%	1.5 kg ± 5%	0.9 kg ± 5%
Quantity	6 Units/Ctn	12 Units/Ctn	16 Units/Ctn
Carton size (cm)	127*23.5*32.5	66.5*45.5*32.5	71.5*31*32.5

Accessories (Order separately)

Cables	Input Cable, Extension Cable, Conversion Cable
Controller	LUNA 8
Control Systems	Madrix LED control system
Diagnostic and Addressing Tools	DMX-ADDR, MR-WT35

Candela Distribution (Direct View)

LWW-PZT-W38A-L12-S:

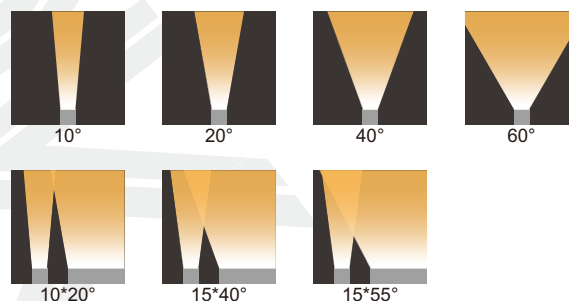


- Flexible installation structure, support multi-angle adjustment, easy to accurately illuminate the target area.
- The product is equipped with quick connector links to simplify the installation process, shorten working hours and reduce the difficulty of maintenance.
- High quality aluminum heat dissipation design, good corrosion resistance and ensure long-term use of temperature control, effectively extend the LED service life.

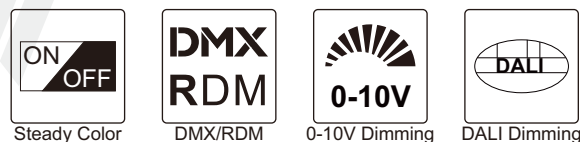
Electronic & Lumen

Optics		4ft Luminaire			
10° / 20°	Light Source		Luminous Flux	Efficacy	Power
	RGBW (3000K)		1,620 lm	45 lm/W	36 W
	RGB		1,260 lm	35 lm/W	
	White (3000K)		4,680 lm	130 lm/W	
	2ft Luminaire				
	Light Source		Luminous Flux	Efficacy	Power
	RGBW (3000K)		810 lm	45 lm/W	18 W
	RGB		630 lm	35 lm/W	
	White (3000K)		2,340 lm	130 lm/W	
	1ft Luminaire				
	Light Source		Luminous Flux	Efficacy	Power
	RGBW (3000K)		405 lm	45 lm/W	9 W
RGB		315 lm	35 lm/W		
White (3000K)		1,080 lm	120 lm/W		

Optics



Control



Rating

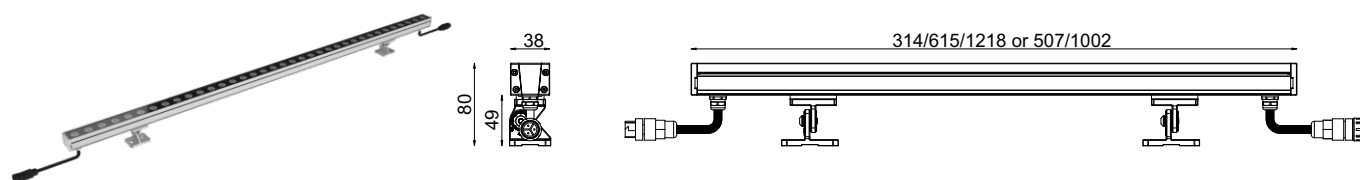


Certifications

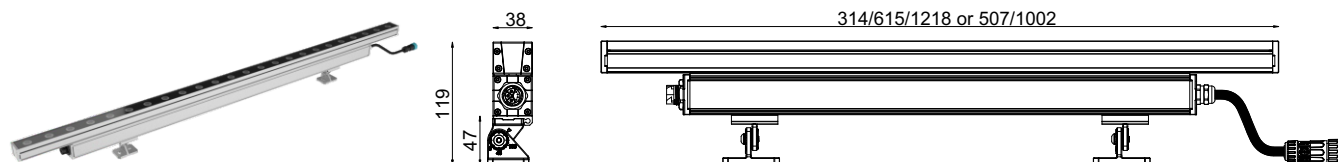


Dimension Drawing (Unit: mm/inch)

24V DC configuration:

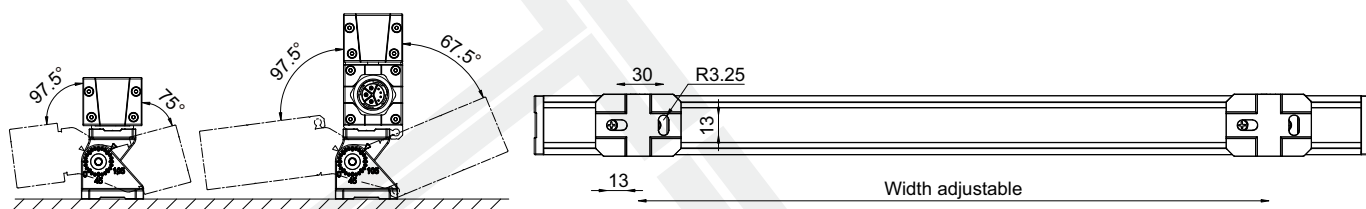


100~240V AC / 100~277V AC configuration:



Installation

Fix the brackets via M6 tapping screws, mounting size as below:

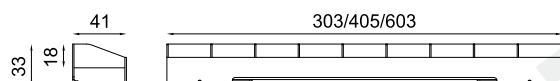


Angle Adjusting:

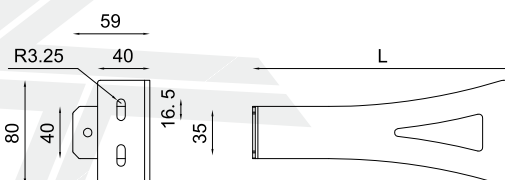
The bracket can be rotated 7.5° by one scale line, while low voltage style lamp can be 172.5° and high voltage style one be 165° in all. If the bracket is steady, please use the hexagon wrench to loose screw, then rotate the lamp to appropriate angle and lock it.

Accessories

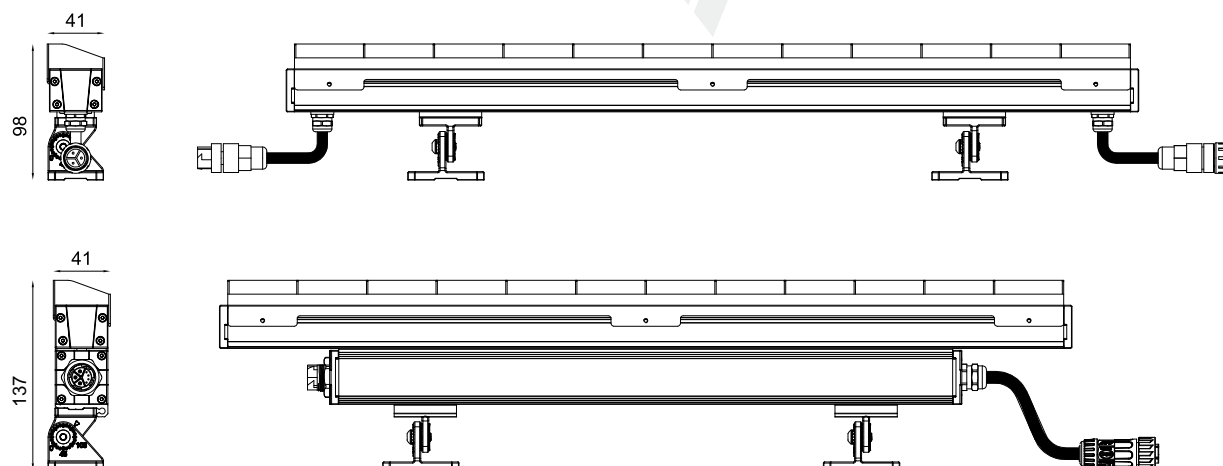
Grille cover:



Extended bracket:

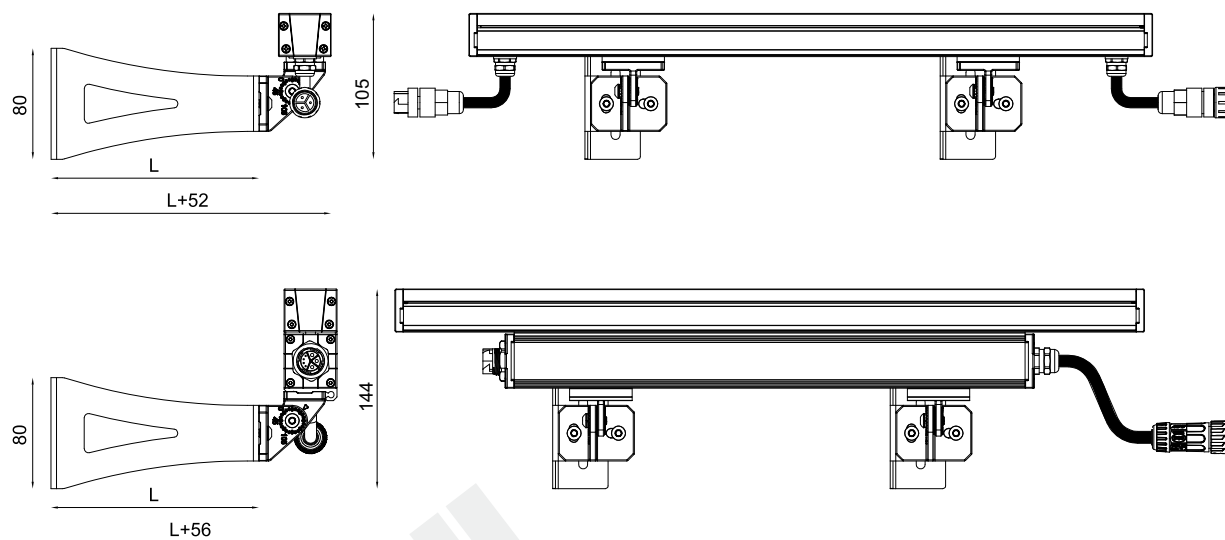


Light + Grille cover:

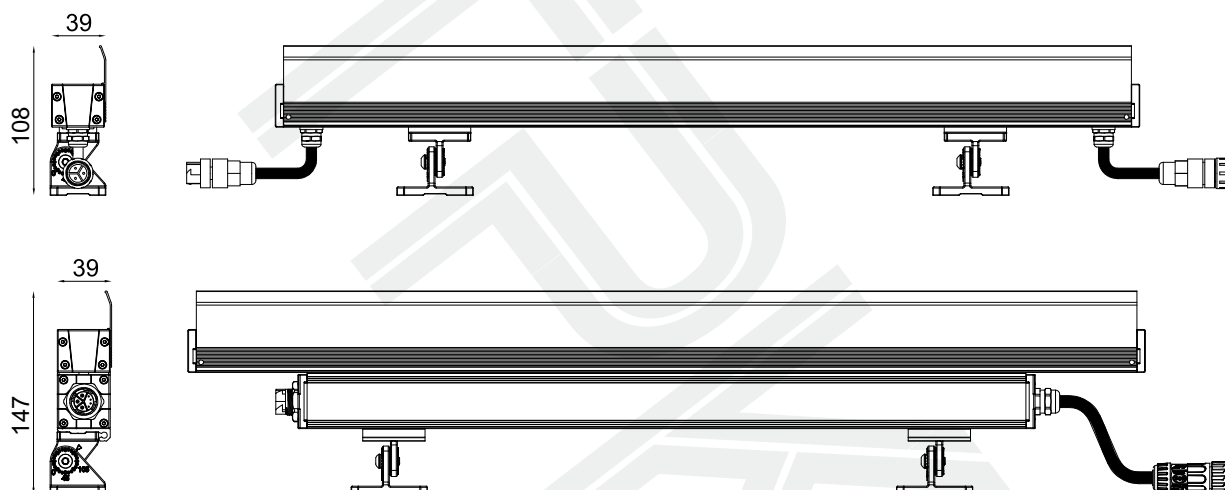


Accessories

Light + Extended bracket:

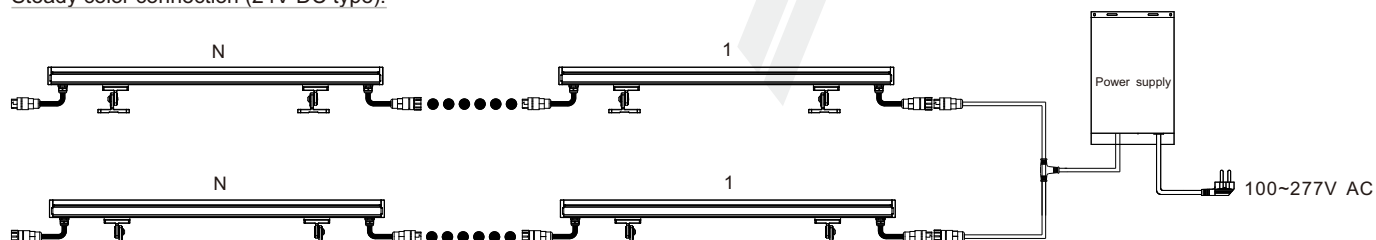


Light + Light barrier:

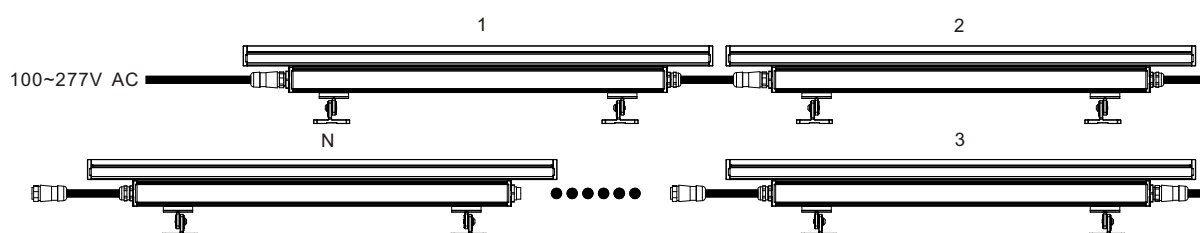


System Diagram

Steady color connection (24V DC type):



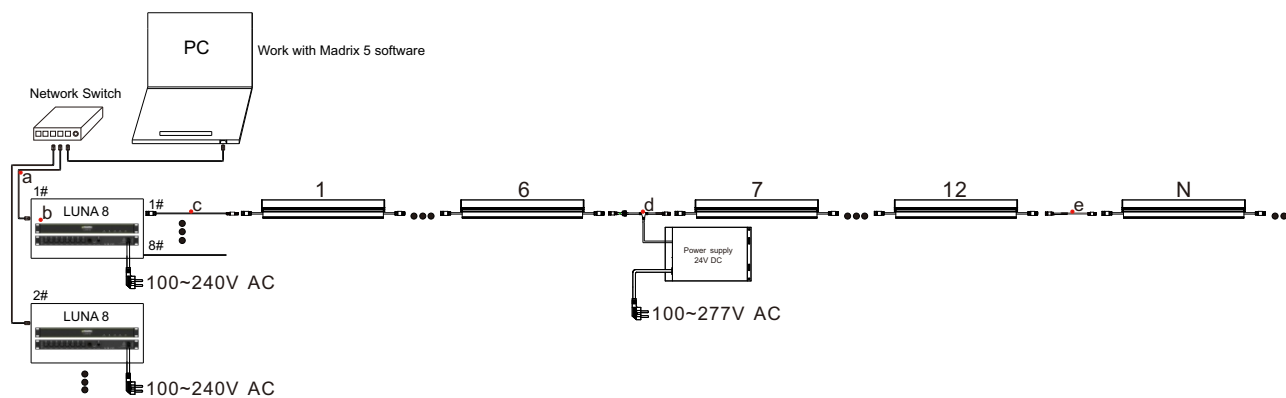
Steady color connection (100~277V AC type):



System Diagram

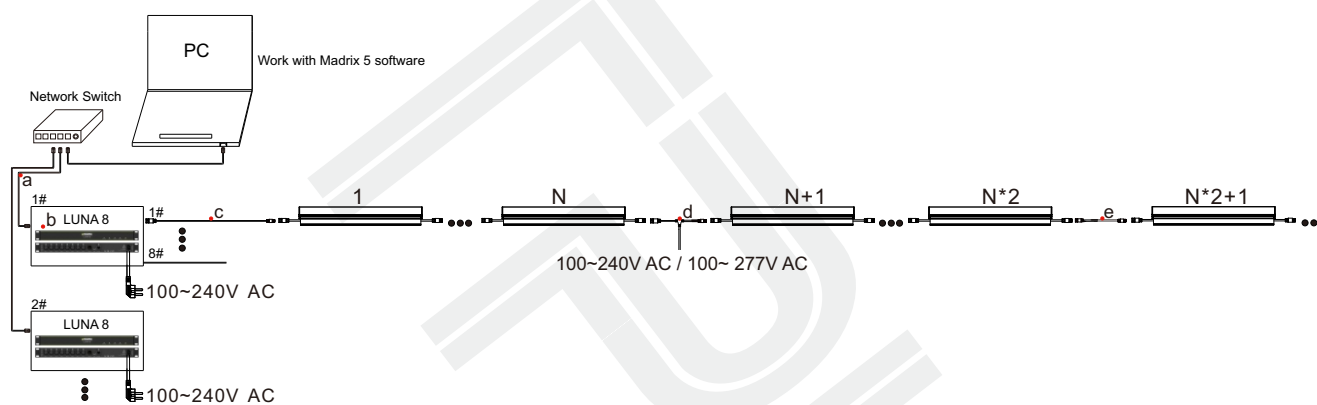
● Controller for option: Sunlite; MATRIX; PHAROS; MR and other DMX signal controllers.

DMX Control connection (24V DC type):



- a. RJ45 cable;
- b. Artnet controller LUNA8
- c. XLR-5 to LLT-5 signal cable;
- d. T-cable: 5-Pin LLT(Power+Signal);
- e. Break cable: 5-Pin LLT(Signal);

DMX Control connection (100~240V AC / 100~277V AC type):



- a. RJ45 cable;
- b. Artnet controller LUNA8;
- c. XLR-5 to LLT-6 signal cable;
- d. T-cable: 6-Pin LLT(Power+Signal);
- e. Break cable: 6-Pin LLT(Signal).

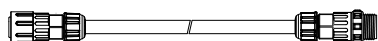
Connection quantity table:

Mode No.	LWW-PZT-W38A-L12				LWW-PZT-W38A-L6				LWW-PZT-W38A-L3			
Voltage	24V DC	100V AC	220V AC	277V AC	24V DC	100V AC	220V AC	277V AC	24V DC	100V AC	220V AC	277V AC
Power Connection	3 PCS	16 PCS	36 PCS	46 PCS	6 PCS	33 PCS	73 PCS	92 PCS	13 PCS	66 PCS	146 PCS	184 PCS
Signal Connection	32 PCS (16CH/PCS)				64 PCS (8CH/PCS)				128 PCS (4CH/PCS)			

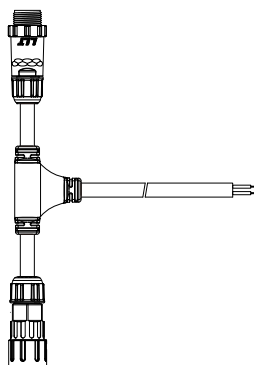
Wire Distribution

Low voltage type:

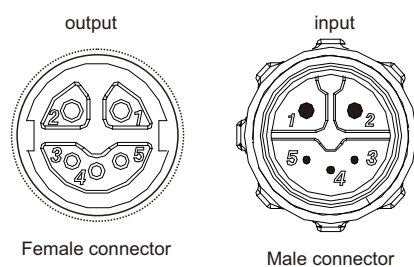
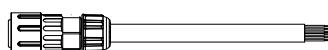
Extension cable



T-cable



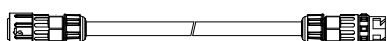
Signal output cable



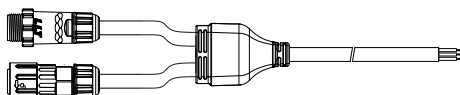
Wire#	Description	Color
1	V+	Black
2	V-	White
3	A+	Purple
4	B-	Pink
5	PI/PO	Yellow

High voltage type:

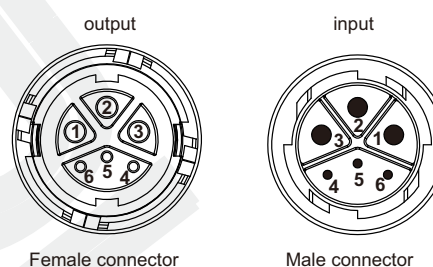
Extension cable



Y-cable



Signal output cable



Wire#	Description	Color
1	N	White
2	E	Green
3	L	Black
4	B-	Pink
5	GND	Yellow
6	A+	Purple

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.