

PROJECT:		PREPARED BY:	
PART #		QTY:	
NOTES:		DATE:	



SPECIFICATION · MONA



We Shape Art-architecture

## Wall Washer Series -Mona

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.

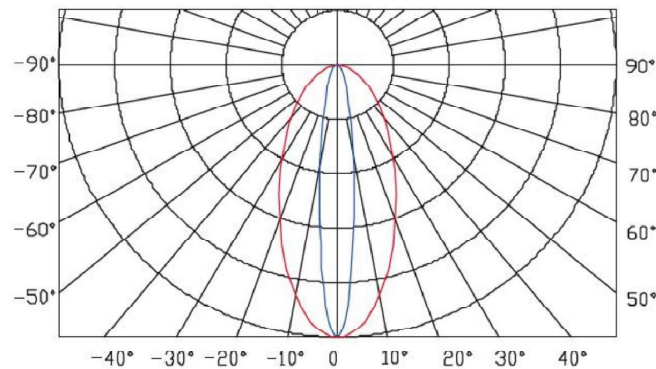


## SPECIFICATION

Model	Mona-RGB	Mona-RGBW	Mona-W
Chip Brand	CREE/Epistar	CREE/Epistar	CREE/Osram
LED Source	18 / 24 SMD	18 / 24 SMD	18 / 24 SMD
Color Resolution	16bit	16bit	—
Beam Angle	45°,60°,10°45°,10°60°	45°,60°,10°45°,10°60°	45°,60°,10°45°,10°60°
Pixel Pitch	Customize	Customize	Customize
Housing	Aluminum	Aluminum	Aluminum
Housing Color	Silver/Black	Silver/Black	Silver/Black
Optical Lens	Temperad Glass	Temperad Glass	Temperad Glass
Weight	1.1Kg	1.1Kg	1.1Kg
Certification	ETL, CE, ROHS	ETL, CE, ROHS	ETL, CE, ROHS
Operating Voltage	DC24V	DC24V	DC24V
Power Consumption	18W/24W/36W	18W/24W/36W	18W/24W/36W
Control	DMX	DMX	—
Ingress Protection	IP65	IP65	IP65
Fire Protection Rating	UL94-V0	UL94-V0	UL94-V0
Operating Temperature	-35~60°C	-35~60°C	-35~60°C
Storage Temperature	-40~70°C	-40~70°C	-40~70°C
Lifespan	≥80000h	≥80000h	≥80000h

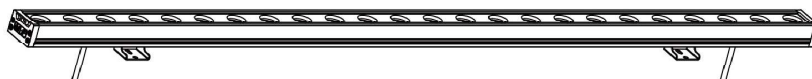
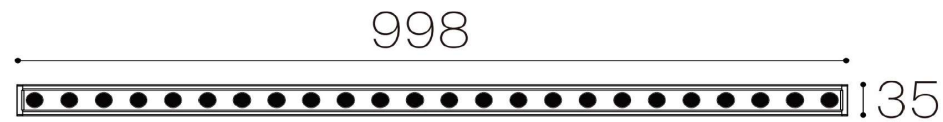
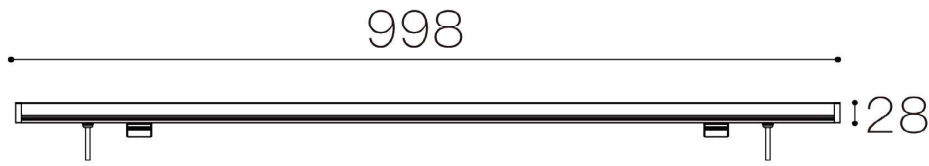
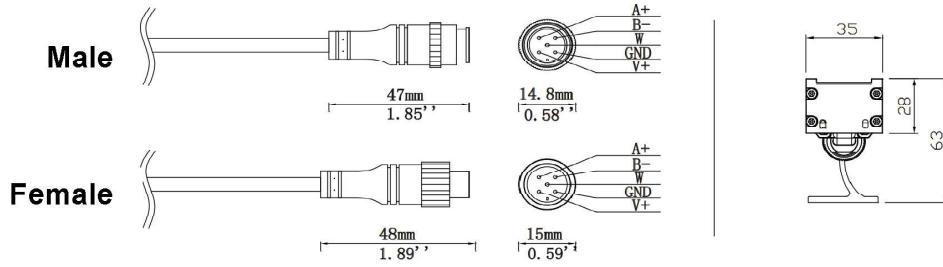
※ Specification is subject to changes without prior notice for product improvement.

## Optical Parameters:



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Product Structure Drawing (mm)

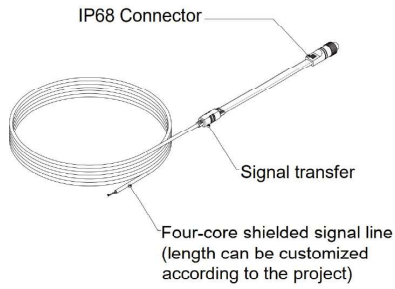


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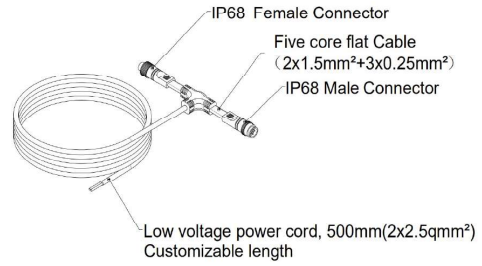
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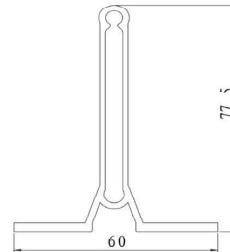
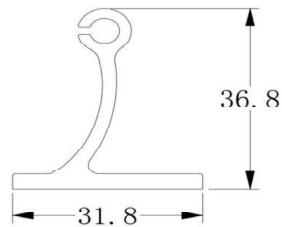
## Installation Accessories 1



Signal Adapter

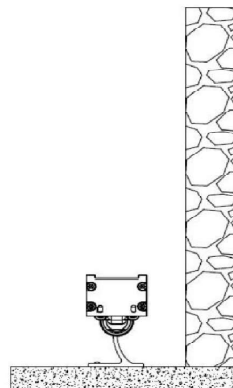
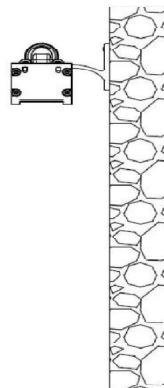


Power T Connector



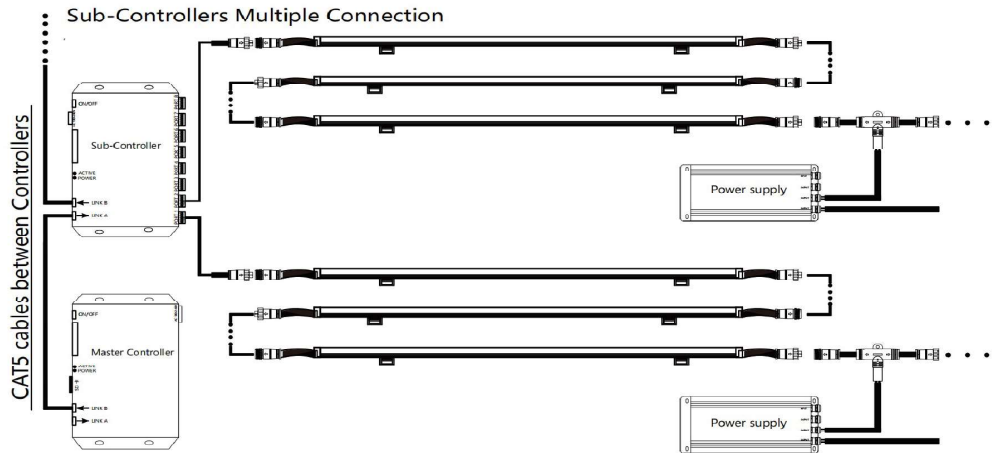
Bracket

## Installation Diagram



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## Control System Diagram



## Mona

Mona max power 36W/M, with 5 Pin Cable: Red V+ / Green A / Blue B / Yellow W / Black GND. One controller with 8 DMX outputs, each takes max 25 meters RGB fixtures. Power input at the middle of strings is recommended.

## Project Cases

