



LED Lighting Product Application



Connector And Solutions For
 - Architectural Light
 - LED Display
 - Street Light
 - Grow Light

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Connector Selection Table

Connection	Power					Signal		Power+Signal			Splitter & Adapter
	Large Series	Middle Series	Standard Series	M15 Series	Middle Series	Standard Series	Mini Series	Large Series	Middle Series	Standard Series	
Photo											
Pin Number	3Pin	2-5Pin	2-4Pin	2-3-4-5Pin	6-14Pin	5-8Pin	3-8Pin	2+13Pin	3+5Pin	2+4Pin	
Rating Current	20A/50A	2/3PIN---20A 4PIN---15A 5PIN---10A	10A	10A	6PIN---10A 7-9PIN---5A 10-14PIN---5A	5A	3/4PIN---5A 5-8PIN---2A	20A+5A	15A+2A	10A+5A	
Rating Voltage(DC)	300V	2/3PIN---300V 4PIN---300V 5PIN---125V	2/3PIN---300V 4PIN---125V	60V	6PIN---125V 7-9PIN---60V 10-14PIN---30V	60V	3PIN---110V 4PIN---110V 5-8PIN---50V	300V+60V	125V+30V	60V	
Mating Cycle	500 Times					500 Times					
Operating Temperature	-40 ~ 105°C			-40 ~ 80°C	-40 ~ 105°C		-40 ~ 105°C				
IP Rating	IP67 (Mated)	IP67 (Mated)	IP67 (Mated)	IP68 (Mated)	IP67 (Mated)	IP67 (Mated)	IP67 (Mated)	IP67 (Mated)	IP67 (Mated)	IP67 (Mated)	
Lock Mechanism	Push lock	Push lock & Screw	Push lock & Screw	Screw	Push lock & Screw	Push lock & Screw	Screw	Push lock	Push lock & Screw	Push lock & Screw	
Cable Spec	14-10AWG(50A) 14-12AWG(20A)	2/3PIN---14-12AWG 4PIN---18-16AWG 5PIN---20-18AWG	20-18AWG	22-20AWG	6PIN---20-18AWG 7-9PIN---22-20AWG 10-14PIN---24-22AWG	22-20AWG	3PIN---22-20AWG 4PIN---22-20AWG 5-8PIN---22-24AWG	Power: 14-12AWG Signal: 22-20AWG	Power: 18-16AWG Signal: 26-24AWG	Power: 22-20AWG Signal: 26-24AWG	
Application	Grow Light LED Display	Solar Street Light LED Display Architectural Light Grow Light	Solar Street Light LED Display Architectural Light Grow Light	Street Light	LED Display	Solar Street Light LED Display Grow Light	Street Light; Architectural Light	LED Display	Architectural Light	Architectural Light	

Project



Beijing Olympics

Burj Khalifa DUBAI

Canton Tower

MSG Sphere Las Vegas

Gray's Station Pedestrian Bridge

Application

- Small Installation space.
- Customizable color to blend with surroundings.
- Resistant to sunlight, rain and snow accumulation.

Architectural Light

Application

- Customizable color to blend with surroundings.
- Resistant to sunlight, rain and snow accumulation.
- Suitable for rental displays where connectors need to be plugged in and out frequently.

LED Display

Application

- Perfect for enclosed spaces that can cause heat to accumulate over long periods of time.
- Resistant to sunlight, rain and snow accumulation.
- Suitable for a multiplexer module street lamp voltage above 500V.

Street Light

Application

- High temperature and high humidity.
- Chemical resistant such as pesticides and other corrosive materials.
- Small space, easy installation requirements.

Grow Light

Solution



Standard series
2P/3P/4P/2+4P

Middle series
2P/3P/5P/3+5P

Mini series 8P

Advantage

- Transmission of power and signals
- Fast, easy, and safe installation
- Connectors will cater to natural environment colors and architectural colors
- IP68/67 waterproof level, UV resistant



Solution



Large series
2+13P

Middle series
2P/3P/14P

Standard series 8P

Advantage

- Transmission of power and signals
- Fast, easy, and safe installation
- Connectors will cater to natural environment colors and architectural colors
- IP68/67 waterproof level, UV resistant



Solution



M15 series

Standard series
2P/3P/4P/6P/8P

Mini series 3P

Splitter

Advantage

- Chinese national street light standard, UL CQC TUV certification
- Fast, easy, and safe installation
- High functional reliability through prevention of mismatching
- IP68/67 waterproof level, UV resistant



Solution



Standard series
2P/3P

Middle series
2P/3P

Large series
2P/3P

Splitter
& Adapter

Advantage

- UL Certified(UV F1 Rated)
- Fast, easy, and safe installation
- Broad system compatibility -the perfect product for every application in terms of number of poles, dimensions
- IP68/67 waterproof level

