



**Chogori Technology Co., Ltd**

www.chogori-tech.com  
 HQ: Shenzhen, China  
 Factory: Dongguan, China/Thailand



**LED Lighting Product Application**

Connector And Solutions For



Official Website



**Connector Selection Table**

Product Series	Large Series	Middle Series	Standard Series	Mini Series	M15 Series	CP30	Omini	Splitter & Adapter
Photo								
Pin Number	3PIN 2+13PIN	2-14PIN 3+3PIN	2-8PIN 2+4PIN	3-8PIN	2-3-4-5PIN	3PIN	3/4/8/14PIN	
Rating Current	3PIN---20A/35A 2+13PIN---20A+5A	2/3PIN---20A 4PIN---15A 5/6PIN---10A 7-9PIN---5A 10-14PIN---2A 3+3PIN---15A+2A	2-4PIN---10A 5-8PIN---5A 2+4PIN---10A+5A	3/4PIN---5A 5-8PIN---2A	10A	20A/30A	3/4PIN---10A 8/14PIN---2A	
Rating Voltage(DC)	3PIN---300V 2+13PIN---300V+60V	2-4PIN---300V 5/6PIN---125V 7-9PIN---60V 10-14PIN---30V 3+3PIN---380V+30V	2/3PIN---300V 5-8PIN---60V 5-8/2+4PIN---60V	3PIN---110V 4PIN---125V 5-8PIN---50V	2/3PIN---300V 4/5PIN---125V	300V	3/4PIN---125V 8PIN---60V 14PIN---30V	
Mating Cycle	500 Cycles				500 Cycles			
Operating Temperature	-40 ~ 105°C				-40 ~ 80°C -40 ~ 105°C -40 ~ 105°C			
IP Rating	IP67 (Mated)	IP67 (Mated)	IP67 (Mated)	IP67 (Mated)	IP68 (Mated)	IP68 (Mated)	IP67 (Mated)	
Lock Mechanism	Push lock	Push lock & Screw	Push lock & Screw	Screw	Screw	Screw	Push lock	
Cable Spec	3PIN---14-10AWG(40A) 3PIN---14-12AWG(20A) 2+13PIN---Power: 14-12AWG 2+13PIN-Signal: 22-20AWG	2/3PIN---14-12AWG 4PIN---18-16AWG 5/6PIN---20-18AWG 7-9PIN---22-20AWG 10-14PIN---24-22AWG 3+3PIN---Power: 18-16AWG	2-4PIN---20-18AWG 5-8PIN---22-20AWG 2+4PIN---Power: 20-18AWG 2+4PIN-Signal: 22-20AWG	3PIN---22-20AWG 4PIN---22-20AWG 5-8PIN---22-24AWG	22-18AWG	12-16AWG	3/4PIN---20-18AWG 8/14PIN---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; Architectural Light	Street Light	Architectural Light	Street Light Architectural Light	

**Project**



Beijing Olympics



Burj Khalifa DUBAI



Canton Tower



MSG Sphere Las Vegas



Gray's Station Pedestrian Bridge

**Solution**

**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**

**Solution**



Standard series 8P



Large series 2+13P



Middle series 2P/3P/14P

**Advantage**

- Power & signal transmission
- Fast, easy & safe installation
- Matches natural environment colors and architectural colors
- IP68/67 waterproof + UV resistant

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**Solution**

**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**



M15 series



Mini series 3P



Splitter

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

**Advantage**

- Chinese national street light standard UL CQC TUV certification
- Fast, easy & safe installation
- High functional reliability
- IP68/67 waterproof + UV resistant

**Solution**

**Application**

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

**Grow Light**



Standard series 2P/3P



Middle series 2P/3P



Large series 2P/3P



Splitter & Adapter

**Advantage**

- UL Certified (UV F1 Rated)
- Fast easy safe installation
- Broad system compatibility
- IP68/67 waterproof level