

Photo control receptacle could be divided into British and American types and be manufactured as per BS5972 or UL773/ANSI C136.10, ANSI C136.41 standard. In order to solve the problem that photo control could be installed in the best position, we innovatively developed new receptacle (such as LC-10R/3, LC-10R/6) with rotatable locking type and separate base, which allows installation staff in the street light field fasten the screws after selecting the best Orientation.

Model: LC-10R/6

Rotatable locking type dimming photocontrol receptacle

The ANSI C136.41 compliant dimming receptacle and contact pads which provide an electrical and mechanical interconnection between an ANSI C136.41-2013 photo control cell and luminaire.

The ANSI C136.41 compliant dimming receptacle is available with two or four dimming contacts to support either 0-30 VDC dimming methods or Digital Addressable Lighting Interface.

SPECIFICATION AND CHARATERISTICS:

1. Mechanical Properties

- Conform to ANSI C136.41 – 2013 standard;
- Can provide 5 pin type and 7 pin type products:
LC-10R/6-5P: 3 main wires + 2 dimming/signal wires;
LC-10R/6-7P: 3 main wires + 4 dimming/signal wires;
- **Rated Voltage:** 480VAC (MAX) .
- **Load Rated:** 15A (MAX) ,1000W/1800VA.
- **Ambient temperature:** -40°C ~75°C
- **Material:** 【Main base material: DMC, Fixed ring: Nylon, Back base material: PF】
- **Specification of wires: main wire of receptacle:** 14 AWG, UL1015, Lead: 300±10mm; **signal wire:** 18 AWG, UL1015, Lead: 300±10mm.

2. Electrical Properties

	AC Main Contacts	Dimming/signal
Rated current	15A, Max	250 mA, Max (ANSI C136.41)
Rated voltage	480 VAC/DC, Max	30VAC/DC, Max

