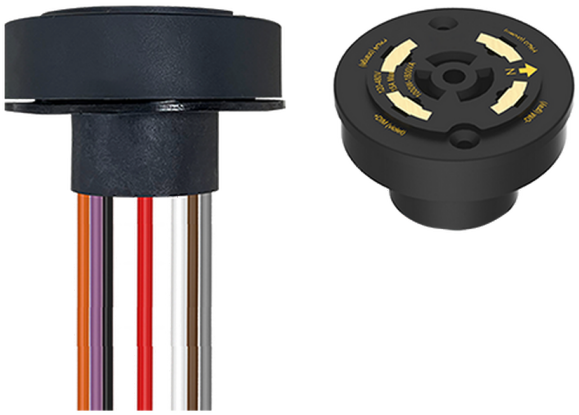
# NEMA 7 Socket (A90891)



## Product description

### 7PIN Photo Control for smart lighting control

Connectivity launches a new ANSI C136.41 compliant fully rotatable dimming receptacle which provide an electrical and mechanical interconnection between an ANSI C136.41-2013 photo control cell and luminaire. Ideal for outdoor commercial and utility lighting the ANSI C136.41 compliant dimming receptacle is available with two or four dimming contacts to support either 0-10 VDC dimming methods or Digital Addressable Lighting Interface (DALI), while providing a reliable power interconnect with three robust twist lock contacts.

- Accepts ANSI standard dimmable photocells to provide a connection between the photocell and the luminaire
- Available with two or four dimming contacts to support one or two channel dimming protocols
- Robust twist lock contacts for a reliable power interconnect
- Receptacle comes pre-terminated with wire leads for ease of integration into new or existing light fixtures
- Available with 105°C and 150°C rated wire insulation for varying temperature rated luminaires
- Provides IP66 rating to the luminaire when mated with Endurance N control bases
- IK09 impact resistance

## Application

- **Street and Roadway Lighting**
- **Photo controls**
- **Parking Lot Lighting**

## Electrical

| | |
|---|---|
| **cUR recognized to UL 773** | |
| **Power contacts** | Current rating: 12A max Voltage rating: 480 VAC/Dc |
| **Dimming contacts** | Current rating: 1.5A max Voltage rating: 30 VAC/Dc |

## Mechanical

| | |
|---|---|
| **Conforms to dimensional requirments of ANSI C136.41-2013** | |
| **7 position** | 3 power contacts + 4 dimming/signal contacts |
| **Power contacts terminated to 14AWG stranded wire per UL1015 or UL3321** | |
| **Signal contacts terminated to 18AWG stranded wire per UL1015 or UL3321** | |

## Materials

| | |
|---|---|
| **Power contacts** | Copper alloy, tin over nickel plating |
| **Dimming contacts** | Copper alloy, gold over nickel plating |
| **Housing** | Glass filled PBT, UL 94V-0 flammbility rated |





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GLP Good Labour Practices

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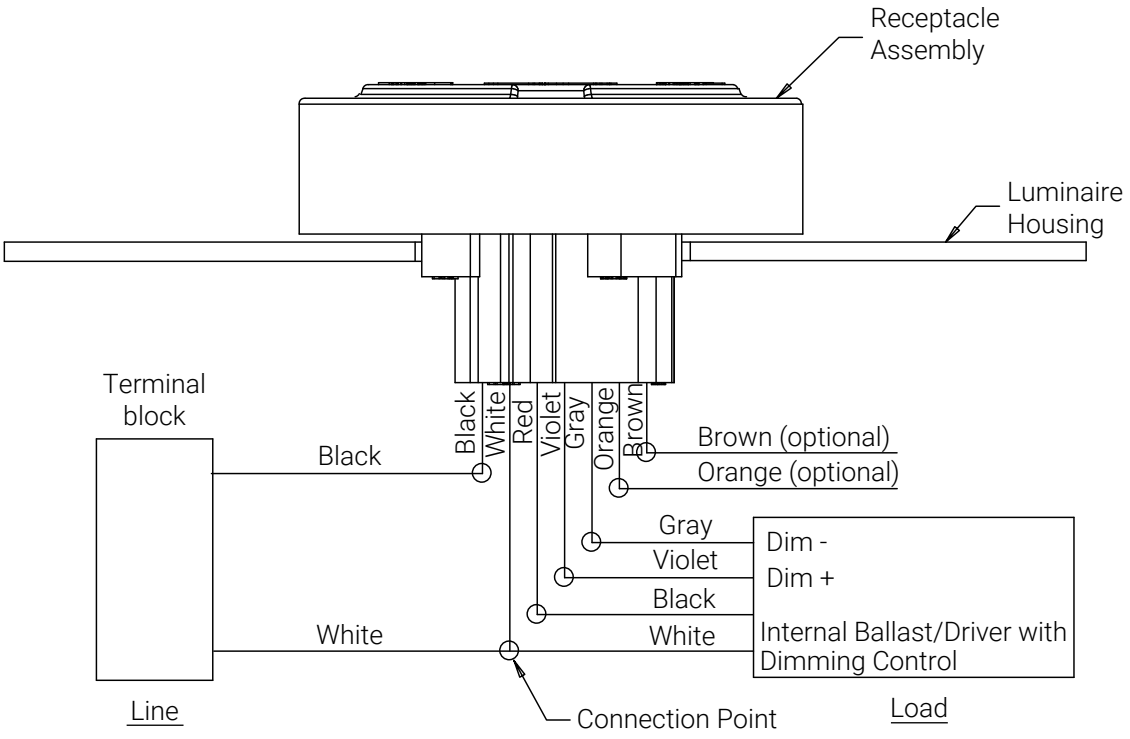
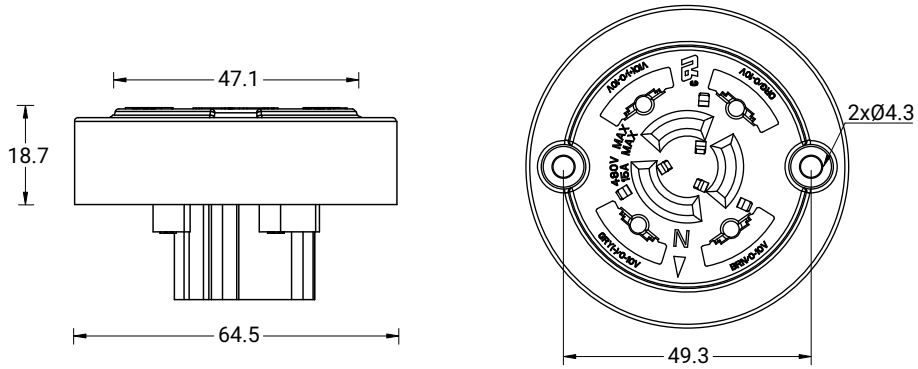
## Wiring diagram




## Dimension



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