

LUMAWISE DIMMING RECEPTACLE

IEC 61984 - Double insulation

TE Connectivity (TE)'s LUMAWISE IEC 61984 Class II compliant dimming receptacles provide an electrical and mechanical interconnection between an ANSI C136.41-2013 photo control cell and luminaire. Ideal for outdoor commercial and utility lighting luminaires, this 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.



Applications

- Street and Roadway Lighting
- Photo Controls
- Parking Lot Lighting

Electrical

- cUR Recognized to UL 773
- Power Contacts: **Current rating:** 15 A max
Voltage rating: 480 VAC/DC
- Dimming Contacts: **Current rating:** 1.5 A max
Voltage rating: 30 VAC/VDC

Mechanical

- Conforms to dimensional requirements of IEC 61984, Class II
- Offers a 5 and 7 position version
- 5 position: 3 power contacts + 2 dimming/signal contacts
- 7 position: 3 power contacts + 4 dimming/signal contacts
- Power contacts terminated to double insulated 14AWG stranded wire UL style AWM 1617 (105 °C) or UL style AWM 1446 (150 °C)
- Signal contacts terminated to double insulated 18AWG stranded wire UL style AWM 1617 (105 °C) or UL style AWM 1446 (150 °C)

Specifications

- Application Specification: [114-32115](#)
- Product Specification: [108-32059](#)
- Instruction Sheet: [408-32196](#)

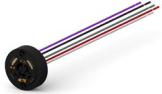
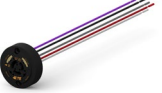
Materials

- Power Contacts: Copper alloy, tin over nickel plating
- Dimming Contacts: Copper alloy, gold over nickel plating
- Housing: Glass filled PBT, UL 9 4V-0 flammability rated

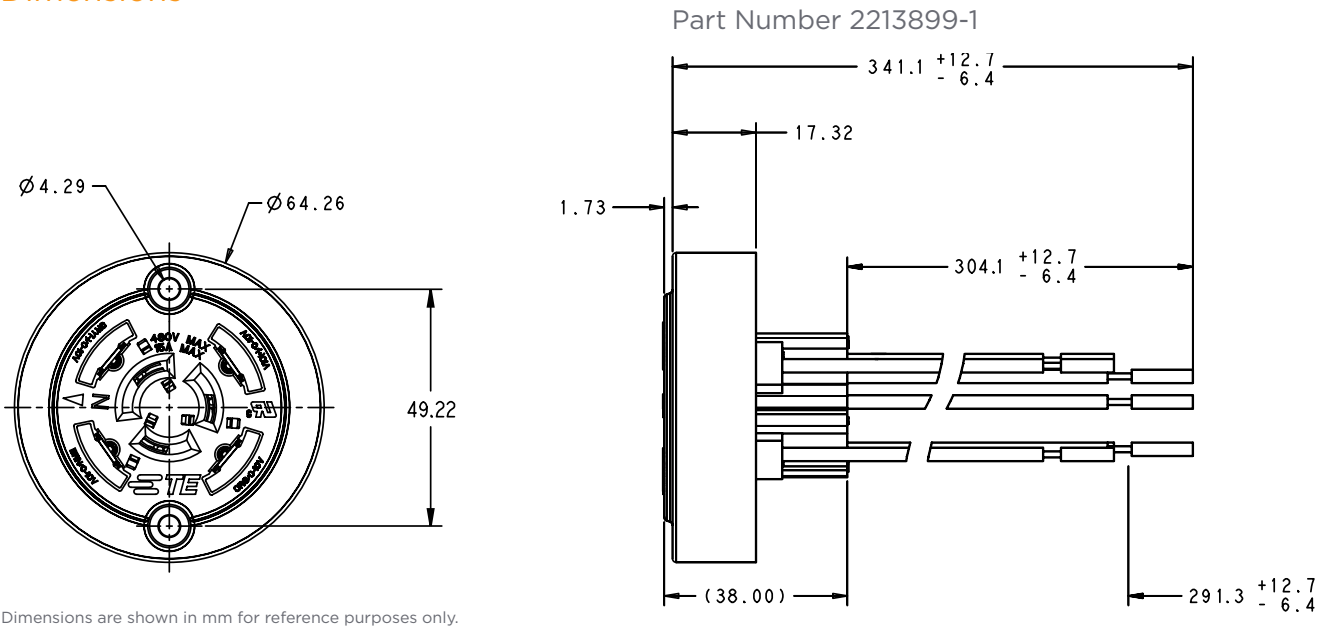
Benefits

- 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 ° and 150 ° C rated wire insulation for varying temperature rated luminaires
- IEC 61984 Class II compliant

Product Selection Information

	Part Number	Description	Temperature Rating (°C)	Number of Positions
	2213899-1	Receptacle Assembly, Dimmable Photocontrol,	150	3/2
	2213899-2	Receptacle Assembly, Dimmable Photocontrol	150	3/4
	2213899-3	Receptacle Assembly, Dimmable Photocontrol	105	3/2
	2213899-4	Receptacle Assembly, Dimmable Photocontrol	105	3/4
	2213469-1	Gasket (sold separately)		

Dimensions



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