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
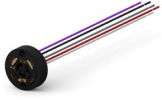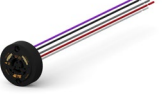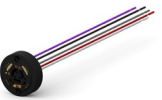- **Instruction Sheet:**   408-32196

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
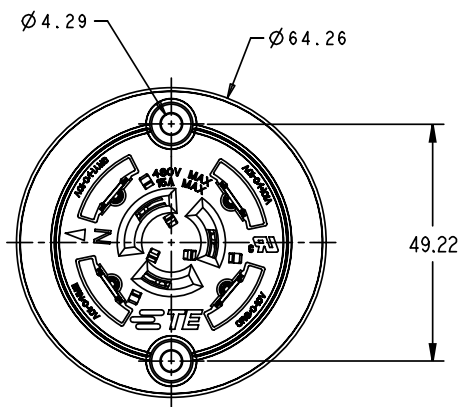
Benefits

- 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

TE connectivity

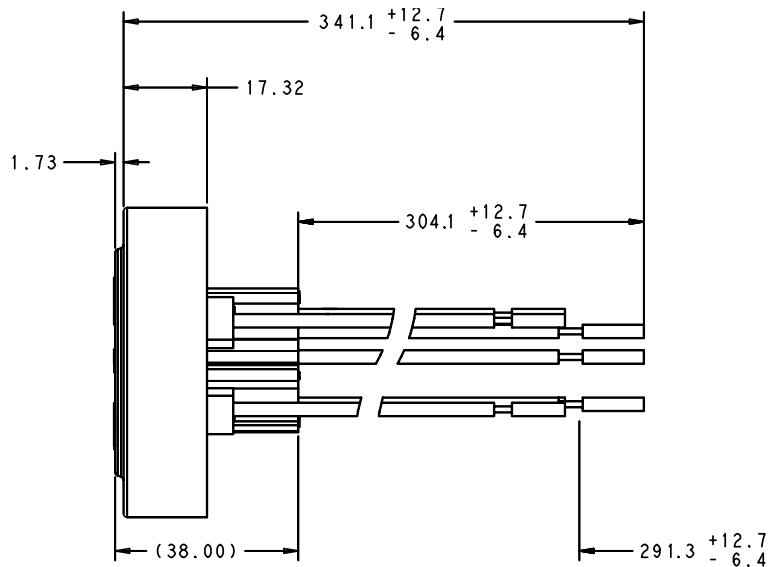## Product Selection Information

	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

Ø4.29

Ø64.26

49.22

Dimensions are shown in mm for reference purposes only.

Part Number 2213899-1

341.1 +12.7 / -6.4

17.32

1.73

304.1 +12.7 / -6.4

(38.00)

291.3 +12.7 / -6.4

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