

Locking-Type Photocontrols Utility Grade Electronic Series

EC Series - Electronic with 2-5 second time delay. State-of-the-art electronic circuitry provides a tighter turn on/turn off ratio that minimizes luminaire burning hours and reduces energy costs. Meets ANSI C136.10 - 1988 Standards.

Utility Grade Locking Type EC Series

Features	Description
Housing:	UV stabilized high impact polypropylene
Photocell:	Standard with silicon sensor. Also available with cadmium sulfide cell
Turn-on:	1 foot-candles
Turn-on/ off Ratio:	1:1.5
Time Delay:	5 seconds
Switch Type:	Single-pole, single-throw. Contact position at night normally closed
Temperature Range:	-40 Degree to 158 Degree F
Power Consumption:	.6 watts average at 120 VAC
Rated Life:	5,000 operations minimum at rated load
Surge Protection:	320 joule MOV (Metal Oxide Varistor)
Dimensions:	3.07" diameter x 2.15" high

* Replaces models 8660, 8672 and 8690

EC Series Specification Chart

Precision Model	Voltage	Rating	Price
EC120-AP-TD	120 VAC	1800 VA	\$14.85
EC240-AP-TD	208-277 VAC	1800 VA	\$15.50
ECDV-AP-TD	105-285 VAC	1800 VA dual voltage	\$16.10

Housings are color-coded per ansi spec: 120 V = Grey, 208-277 V = Maroon, 105-285 V = Blue, Photo-Timer = Green (ESC-124DS)

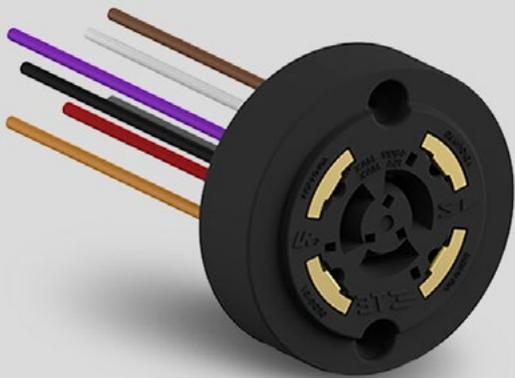
Additional Information

Weight	1 lb.
Dimensions	7 x 7 x 4 in
EC Series	EC120-AP-TD, EC240-AP-TD, ECDV-AP-TD

LUMAWISE Endurance N

ANSI C136.41 STANDARD DIMMING RECEPTACLE ASSEMBLY

TE Connectivity (TE)'s LUMAWISE Endurance N ANSI C136.41 standard dimming receptacle assembly is 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.



ANSI C136.41 COMPLIANT DIMMING RECEPTACLE PROVIDES AN ELECTRICAL AND MECHANICAL INTERCONNECTION BETWEEN AN ANSI C136.41-2013 COMPLIANT CONTROL AND LUMINAIRE.

FEATURES:

- 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.

APPLICATIONS:

- Street and area lighting
- Roadway lighting
- Commercial outdoor lighting (i.e. parking lots, car dealerships)
- Photo controls

ANSI C136.41 STANDARD DIMMING RECEPTACLE ASSEMBLY

ELECTRICAL:

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

MECHANICAL:

- Conforms to dimensional requirements of ANSI C136.41-2013
- Offer 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 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 flammability rated

SPECIFICATIONS:

- Product: **108-32059**
- Application: **114-32115**

Product Selection Information

	Part Number	Description	Position	Wire Size
	2213362-1	Standard Dimming Receptacle Assembly	5	150 °C
	2213362-3			105 °C
	2213362-2	Standard Dimming Receptacle Assembly	7	150 °C
	2213362-4			105 °C
	2213469-1	Sealing Gasket	-	-

Products available as ICE 61984 Class II Compliant - Double Insulation, Contact [Product and Customer Support](#).

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