



Connectors > Lighting Connectors > Street Lighting Controls > ANSI Street Lighting Photocells



Street Lighting Photo Control Product Availability: **AMERICAS, ANZPAC, ASIA, EMEA**

Street Lighting Photo Control Technology: **Thermal**

Street Lighting Photo Control Voltage Rating: **105 – 305 VAC**

Street Lighting Photo Control Product Type: **Commercial/Industrial**

Street Lighting Photo Control Dimensions: **74.42 x 50.29 mm [2.93 x 1.98 in]**

Features

Product Type Features

Light Sensor	CdS Photocell
Product Family	BF Series
Street Lighting Photo Control Technology	Thermal
Street Lighting Photo Control Product Type	Commercial/Industrial

Configuration Features

LED Compatible	Yes
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Electrical Characteristics

Street Lighting Photo Control Voltage Rating	105 – 305 VAC
Load Rating (Ballast)	1800 VA
Load Rating (Tungsten)	1000 W
Fail Mode	On
Surge Protection	480J MOV Joule

Body Features

Color	Blue
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Mechanical Attachment

Street Lighting Photo Control Mounting Style	Locking
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Housing Features

Housing Material	High Impact Noryl with UV-Stabilized Acrylic Window
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Dimensions

Street Lighting Photo Control Dimensions	74.42 x 50.29 mm[2.93 x 1.98 in]
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Usage Conditions

Operating Temperature Range	-40 – 65 °C[-40 – 149 °F]
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Operation/Application

Application	Dusk-to-dawn lighting control Turn OFF delay prevents loads switching OFF due to car headlights and lightning. Adjustable slide bar allows field adjustment to satisfy various lighting environments.
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Turn ON Light Level	1.5 fc
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Turn ON Time Delay	30 – 45 seconds
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Industry Standards

UL Rating	Yes
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Standards	ANSI C136.10
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CSA Certified	Yes
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Product Availability

Street Lighting Photo Control Product Availability	AMERICAS, ANZPAC, ASIA, EMEA
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Packaging Features

Packaging Method	Box
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Other

Warranty	3 Years
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Product Use	Parking Lot, Security, & Street Lighting.
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OFF/ON Ratio	4:1
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Street Lighting Photo Control Frequency	50/60 Hz
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)



EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Cd (.27% in Component) Article Safe Usage Statements: Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 2213362-4
RCPT ASSY,DIMMABLE
PHOTOCONTROL,105C,3/4



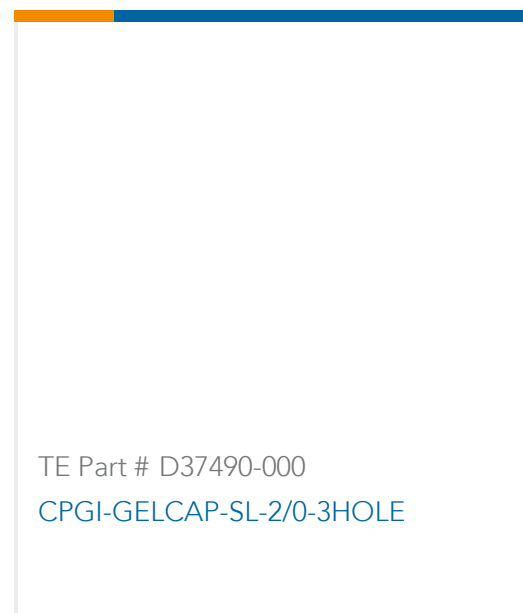
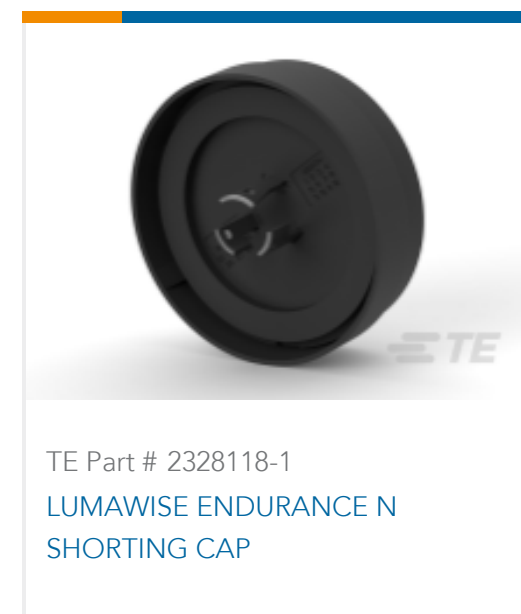
TE Part # 2213627-4
ASSEMBLY, ROT DIM REC 49.22MM 7
POS 105C



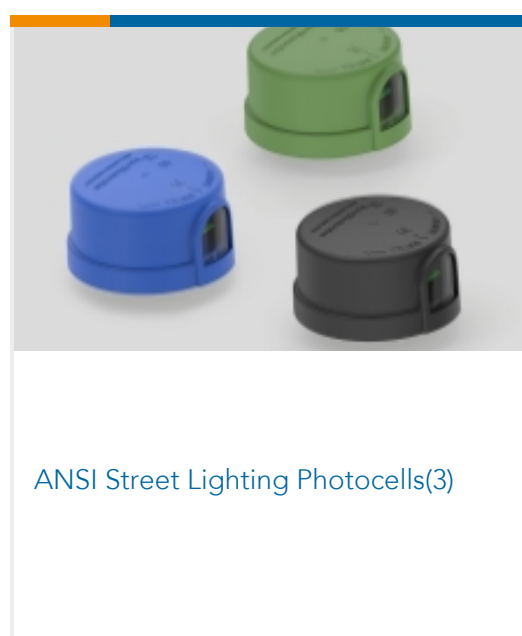
TE Part # 2-2332966-4
RECEPTACLE, TOOL-LESS
ROTATABLE DIMMING



TE Part # CAT-ST833-L97
Receptacle Assembly



Also in the Series | ALR BF



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_812812-000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_812812-000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_812812-000_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[BF-SERIES-PHOTOCONTROL-STREET-LIGHTING](#)



English