



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: **185 – 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	185 – 305 VAC
Load Rating (Ballast)	1800 VA
Load Rating (Tungsten)	1000 W
Fail Mode	On
Surge Protection	180J

### Body Features

Color	Maroon
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### Mechanical Attachment

Street Lighting Photo Control Mounting Style	Locking
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### Housing Features

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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	
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Current ECHA Candidate List: JUL 2021  
 (219)  
 Candidate List Declared Against: JUN 2020  
 (209)  
 SVHC > Threshold:  
 Not Yet Reviewed









Halogen Content  
 Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

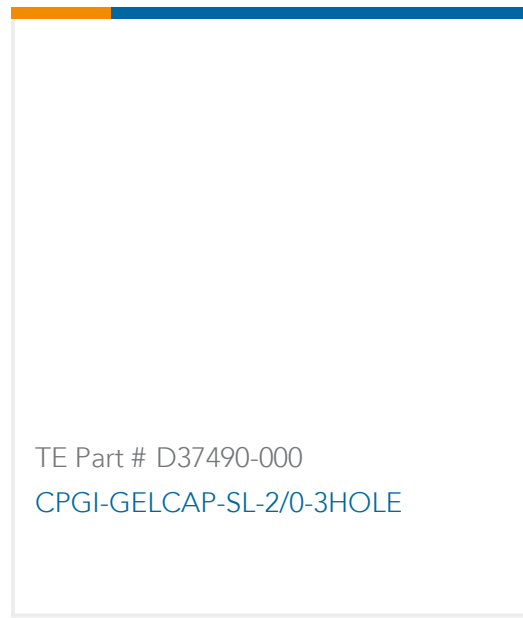
Solder Process Capability  
 Not applicable for solder process capability

Product Compliance Disclaimer

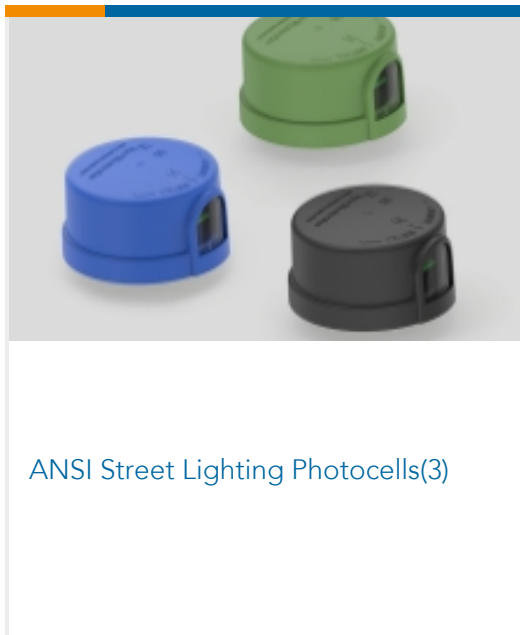
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

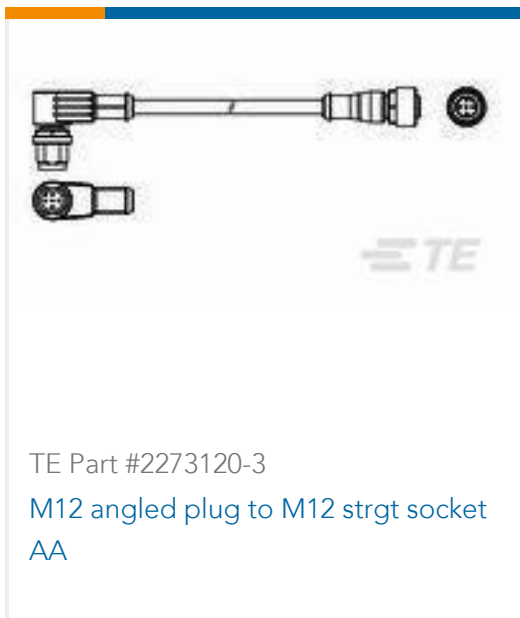
 <p>TE Part # 2213362-4                  RCPT ASSY, DIMMABLE                  PHOTOCONTROL, 105C, 3/4</p>	 <p>TE Part # 2213627-4                  ASSEMBLY, ROT DIM REC 49.22MM 7                  POS 105C</p>	 <p>TE Part # BB3399-000                  ALR-8090-VFS</p>	 <p>TE Part # 2-2332966-4                  RECEPTACLE, TOOL-LESS                  ROTATABLE DIMMING</p>
 <p>TE Part # CAT-ST833-L97                  Receptacle Assembly</p>	 <p>TE Part # 4Z9454-000                  ALR-7090-VFS</p>	 <p>TE Part # L2134Z-000                  ALR-7090-VPS</p>	 <p>TE Part # 2328118-1                  LUMAWISE ENDURANCE N                  SHORTING CAP</p>



### Also in the Series | ALR BF



### Customers Also Bought





## Documents

### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_022528-000\\_O.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_022528-000\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_022528-000\\_O.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

# Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[022528-000](#)