



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	180J

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.
Turn ON Light Level	1.5 fc
Turn ON Time Delay	30 – 45 seconds

Industry Standards

UL Rating	Yes
Standards	ANSI C136.10
CSA Certified	Yes

Product Availability

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

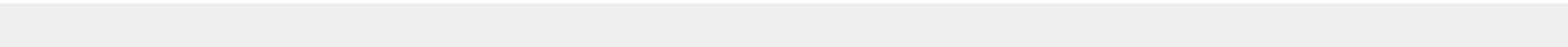
Packaging Method	Box
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Other

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

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: JAN 2021 (211) 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



TE Part # CAT-ST833-R2435A
DIMMING RECEPTACLE



TE Part # CAT-ST833-R2435
DIMMING RECEPTACLE, ROTATABLE



TE Part # 2328118-1
LUMAWISE ENDURANCE N
SHORTING CAP



TE Part # CAT-ST833-L97A
Tool-Less Rotatable Dimming
Receptacle



TE Part # CAT-ST833-L97
Receptacle Assembly



TE Part # BB3399-000
ALR-8090-VFS



TE Part # 4Z9454-000
ALR-7090-VFS



TE Part # L2134Z-000
ALR-7090-VPS





TE Part # 2361116-1
LUMAWISE Endurance N+ Shorting
Cap

TE Part # D37490-000
CPGI-GELCAP-SL-2/0-3HOLE

Also in the Series | ALR BF



ANSI Street Lighting Photocells(3)

Customers Also Bought



TE Part #53089
AMPOWER BUTT SPLICE LONG
BARREL



TE Part #385640-000
ALR-AM-1-A-NB



TE Part #1423162-1
7022AA=RLY,STD,OFF,2P,120VAC,1



TE Part #FG1283-000
Load Break Elbow: 200A, 15 and 25 kV



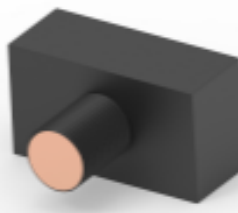
TE Part #301910-000
ALR-AT-168



TE Part #326257-000
MRS-12-24



TE Part #407236-000
MRS-34-30



TE Part #499268-000
ALR-AA-105



TE Part #470636-000
ALR-AT-15



TE Part #2-1623927-2
CFR16 5% 18R



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