



Power Systems > Street Lighting > Street Lighting Photo Controls



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

Street Lighting Photo Control Technology: **Electronic**

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

Street Lighting Photo Control Product Type: **Utility**

Street Lighting Photo Control Dimensions: **45 x 83 mm [1.77 x 3.26 in]**

Features

Product Type Features

Light Sensor	Filtered Silicon Phototransistor
Product Family	8000 Series
Street Lighting Photo Control Technology	Electronic
Street Lighting Photo Control Product Type	Utility

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	Off
Surge Protection	25mm, 20kA, 300J MOV
Relay Rating	30A General Purpose

Body Features

Color	Green
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Mechanical Attachment

Street Lighting Photo Control Mounting Style	Locking
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Housing Features

Housing Material	High Impact Polypropylene with UV-Stabilized Polycarbonate Window
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Dimensions

Street Lighting Photo Control Dimensions	45 x 83 mm[1.77 x 3.26 in]
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Usage Conditions

Operating Temperature Range	-40 – 65 °C
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Operation/Application

Application	Dusk-to-dawn lighting control compatible with all solid state ballasts.
Turn ON Light Level	1.5 (Optional 1 – 3) fc
Turn ON Time Delay	Instant On seconds

Industry Standards

UL Rating	No
Standards	ANSI C136.10
CSA Certified	No

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

Product Use	Long-life (20 year rated life) photocontrol designed for LED roadway & area lighting applications.
OFF/ON Ratio	1.5:1
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	Not Yet Reviewed
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: JUN 2020 (209)



Candidate List Declared Against: JAN 2020 (205)

Does not contain REACH SVHC

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>

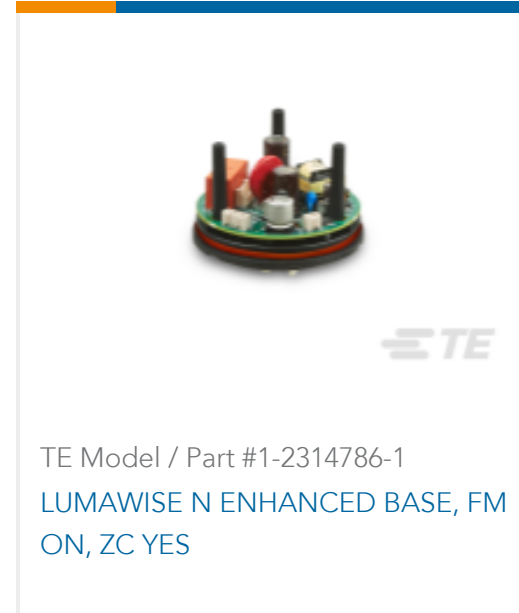
Compatible Parts



Also in the Series | ALR 8000 Series



Customers Also Bought



Documents

Datasheets & Catalog Pages

[8000-SERIES-PHOTOCONTROL-STREET-LIGHTING](#)

English