8480

LONGLIFE PHOTOCELL

The most accurate outdoor lighting photocell on the market

Accuracy

The Westire 8480 Longlife photocell utilises Westire's Eye Response filter silicon light sensor and microprocessor control. This accurate combination provides the best energy saving and reliable operation.

Longevity

Engineered in the EU with a 15 year design life and manufactured in-house using only high quality, name brand components, the Longlife photocells are renowned in the industry for their unparalleled quality and reliability.

Features & Benefits

- Designed for modern light sources like LED, Induction, Plasma, HPS, HID and many more.
- Available in universal power supply capable of operating on voltages from 200 to 260 Volts 50/60 Hz.
- Energy efficient design with a average power consumption < 0.25 watts
- Westire Patented Relay Assisted Triac (RAT) switching technology protects the relay from in-rush current.
- Polycarbonate housing is ultrasonically welded, UV stabilized and rated to IP67.
- Conical cover is self cleaning.
- A full electrical and 48 hour operational burn-in test is performed on every unit before leaving the factory.
- Intertek ETL Listed and RoHS compliant
- Available with up to 840 Joule MOV protection

Technical Specifications

General	
Dimensions	78.4 mm Ø x 69.85 mm H 3.1" Ø x 2.75" H
Connection	NEMA 3 Pin, ANSI 136.10
Warranty	12 years standard 20 years options

Power	
Mains Supply	200 - 260 Volts AC 50/60 Hertz
Surge Protection	Standard: 132J 4.5kA Optional: 320J 12KA, 420J 20KA Configurations available up to 840 Joules
Average Power Consumption	<0.25 Watts nominal
Maximum Load Current (A)	16 Amps or 10 Amps
Load Rating	1.8KVA/1000 Watts

Environmental	
Operating Temperature	-40° C to +80° C -40° F to +178° F
Enclosure Protection Rating	IP67 - Dust tight and immersion tested up to 1m
Standards Compliance	Environmental RoHS, EN55015, EN61547, EN6100-3-2, EN6100-3-3, ETL UK 773, CSA 22.2. IS EN ISO 9002: 2015 ANSI C136.10

Switching	
Operating Levels	10 to 200 Lux ± 0.025
Switching Accuracy	+/- 7% Evening regardless of cloud cover or infra-Red Radiation
Switching Ratio	1 - 0.5 to 1:3 - Inverse ratios available
Ambient Light sensor	Eye Response IR filtered silicon light sensor
Switching Time Delay	0 to 25 Seconds ON 2.5 to 20 Seconds OFF

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