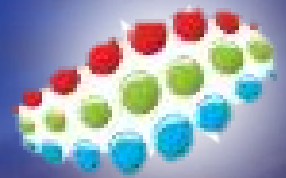


# The WESTIRE AcRo Photocell



The WESTIRE AcRo Photocell incorporates unique switching technology that ensures power loss is negligible when carrying a full load of 7 Amps. Overheating due to the make and break switching action is reduced therefore ensuring a longer switch life.

This NEMA twist lock socket configured photocell has a unique finger grip base for ease of installation. The Photocell is suitable for use on mains power systems operating between 195 - 265V (50/60Hz) and incorporates a unique switching technology within an IP65 sealed enclosure.



## 6 YEAR GUARANTEE

**Guaranteed  
For 6 Years**



WESTIRE Technology Limited

### Key benefits of the AcRo Photocell:

- Omni directional accurate colour corrected silicon sensor
- State-of-the-art WESTIRE AcRo load switching technology
- 120 joule mains lightning suppressor 220 joule on request
- Capable of switching 2 x 250W or 1 x 400W HID lighting loads
- Designed to survive all types of outdoor conditions
- One part easy to install coloured base section
- IP 65 Water & Dust Sealed
- Light sensor drift zero over 6 years under outdoor conditions
- Circuit power consumption <0.25W
- Designed for powering LED & HID/SOX street lights
- Low profile enclosure

All WESTIRES Products are manufactured within the European Union including the AcRo Photocells comply with all the necessary EU Directives applicable to Road and Street Light Controls. Automated State of the Art Production Machinery is utilised for manufacturing along with all the necessary computerised test equipment and burn-in ovens. Regular independent audits are carried out so as to ensure full compliance and certification with I.S. EN ISO, UL and CUL manufacturing standards



This unique switching technology ensures that power loss is negligible when carrying the load and ensures that up to **7 Amps** of inductive power can be switched without overheating or switch breakdown.

The WESTIRE **AcRo** Photocells comply with all the EU Directives Applicable to outdoor electronic apparatus and are available with user specified switch on illumination levels (specified in lux (lx) or foot candles (fc)) and with user specified switch "on" and switch "off" light levels, "switching ratio" and user specified time delays.

### Technical Specifications

Switching Levels	70 / 55 / 35 LUX options
Housing	UV stabilized polycarbonate with unique finger grip base
Enclosure Sealing	IP65
Ratios	1:1 & 1:0.5
Guarantee	7 years
Rated Load	1 x 400W HID or 2 x 250W HID
Maximum Load Current	7 Amps
Temperature Range	-20°C to +70°C (-4°F to +158°F)
Circuit Power Consumption	<0.25Watts
Manufacturing Standard	IS EN ISO 9001:2008
Photocontrol Standard	Applicable parts of BS5972
EMC	EN55015, EN61547      EN61000-3-2, EN61000-3-3
UMSUG Code	94 0001 1000 100

R22.12

1.98

1.60

1.0

23

44.39

Dimensions in mm

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