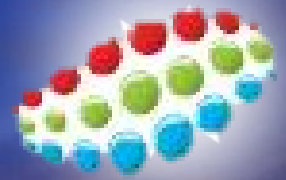


# The WESTIRE AcRo Photocell



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 WESTIRE'S 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

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

R22.12

1.98

1.60

1.0

23

44.39

Dimensions in mm

**WESTIRE Technology Limited**  
**Industrial Estate**  
**Belmullet**  
**County Mayo**  
**Ireland F26 TE81**

**WEB:** [www.westire.com](http://www.westire.com)  
**Tel:** + 353 (0) 97 81209  
**Fx:** + 353 (0) 97 81400  
**E Mail:** [info @ Westire.com](mailto:info@westire.com)

