

## Westire Acro Series

### ACRO PHOTOCELLS

The alternative Dusk to Dawn photocell solution to cater for your budgetary needs for **cost & energy savings**



Upward Facing



North Facing

### Accuracy

The Westire Acro NEMA Dusk to Dawn photocell utilises a filter silicon based light sensor and microprocessor control. This accurate combination provides the best energy saving and reliable operation.

### Longevity

Engineered in the EU with a 35 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

- Advanced electronic circuitry ensuring reliability and longevity
- Maintaining Proven Reliability for More Traditional Technologies
- Energy Efficient Design with an Average Power Consumption <0.25 Watts
- Sealed To IP68
- Low Profile Enclosure
- Each Photocell is Subjected to a Full Electrical 48-Hour Burn-In
- Zero Infant Mortality at Time of Commissioning
- RoHS Compliant.
- Colour Options Available: Blue, Green, Black, Red, Clear, Grey & Standard
- Available in a North Facing Configuration
- Colour Corrected Silicon Ambient Light Sensing



General	
Dimensions	86.5 mm D x 56.3 mm H 3.40" D x 2.21" H
Receptacle Compatibility	ANSI C136.10 / ANSI C136.41 & BS5972
Warranty	10 Years

Power	
Mains Supply	200 V - 265 V AC 50/60 Hertz
Surge Protection	Standard: 132J 4.5kA Optional: 320J 12kA, 420J 20kA
Average Power Consumption	<0.25 Watts nominal
Maximum Load Current (A)	10 Amps
Load Rating	1.8KVA

Environmental	
Operating Temperature	-20° C to +70° C -4° F to +158° F
Enclosure Protection Rating	IP68
Standards Compliance	Environmental RoHS, EN55015, EN61547, EN6100-3-2, EN6100- 3-3, IS EN ISO 9002: 2015, ANSI C136.10

Switching & Dimming	
Operating On/OFF	10 to 200 Lux levels ± 0.025 1 to 18.5 fc ± 0.025
Standard	Standard 35 Lux ON /18 Lux OFF 3.5fc ON 1.67 fc OFF or 20 Lux ON /20 Lux OFF 1.67 fc ON / 1.67 fc OFF
On/Off, Dusk/Dawn Switching Accuracy	+/- 7% Evening regardless of cloud cover or infrared radiation
Ambient Light sensor	Eye Response IR filtered silicon light sensor
Switching Time Delay	0 to 25 Seconds ON 2.5 to 20 Seconds OFF
Switching Ratio	1 - 0.5 to 1:3 - Inverse ratios available

## Applications

- Dusk to Dawn switch On/Off all types of outdoor lighting
- Street lighting
- Area lighting
- Security lighting
- Flood lighting
- Pedestrian walkway lighting
- Cycleway lighting
- Campus, industrial & all type of facilities outdoor lighting
- Industrial estate perimeter lighting
- Outdoor home and farmyard lighting

## Dimensions

