

Acro Mini

ACRO MINI PHOTOCELLS

Engineered for today's
demanding applications.



Accuracy

The Acro Mini photocell utilises a filtered silicon based ambient light sensor and microprocessor control. This accurate combination provides the best energy savings 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 Acro series photocells are renowned in the industry for their unparalleled quality and reliability.

Features & Benefits

- Fully encapsulated electronic circuitry and light sensor are completely impervious to humidity and moisture.
- Designed to meet the needs of LED fixtures while still maintaining proven reliability for more traditional technologies.
- Electronic design outperforms thermal controls.
- Energy efficient design with a average power consumption <0.25 watts.
- Rated for 400W HID or LED luminaire (Max 10 amps).
- Advanced electronic circuitry ensuring reliability and longevity.
- Unique fully encapsulated electronic circuitry and light sensor are 100% impervious to humidity and moisture.
- Completely overcomes associated issues caused by Luminaire condensation.
- UV stabilized polycarbonate housing is rated and tested to IP 67.
- A full electrical and 48 hour operational burn-in test is performed on every unit before leaving the factory.
- ROHS compliant.

General	
Dimensions	<p>Overall Housing: 55mm L x 33mm D x 48mm H 2.16" L x 1.3"D x 1.88" H</p> <p>Sensor Window: 12mm Ø x 18mm (M20) 0.47 Ø x 0.70" (M20)</p>
Warranty	8 year standard. 10 year option available on request.
Power	
Mains Supply	200 - 260 Volts AC - 50/60 Hz.
Power Supply Consumption	Less than 0.25 Watts
Maximum Load Current (A)	10 Amps
Load Rating	1.8KVA/1000 Watts

Environmental	
Operating Temperature	-20 C to +80 C -4 F to +176 F
Enclosure Protection	UV stabilised Polycarbonate housing and unique light diffusion lens. Enclosure provides full protection from internal luminaire light leakage and 'side-on' internal refraction and IP67 sealing properties.
Standards Compliance	Environmental RoHS, EN55015, EN61547, EN6100-3-2, EN6100-3-3, IEC 61347-1:2015, Low Voltage Directive 2014/35/EU, IS EN ISO 9002: 2015, ANSI C136.24 2004
Switching	
Switch "On" Light Level	10 to 120 Lux ± 0.025 1 to 11 fc ± 0.025
Switching Ratio	1:0.5 to 1:1.5
Ambient Light sensor	Colour corrected photodiode + amplifier
Switching Time Delay	25 seconds or as specified
Switching Options	Dusk to Dawn. Part night option available

