

Acro Mini 2P

ACRO MINI PHOTOCELLS

Remote sensor head, to facilitate installation where space is of a premium.



Accuracy

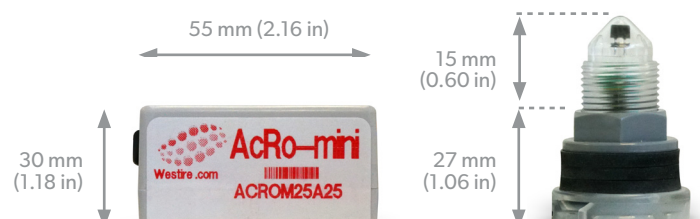
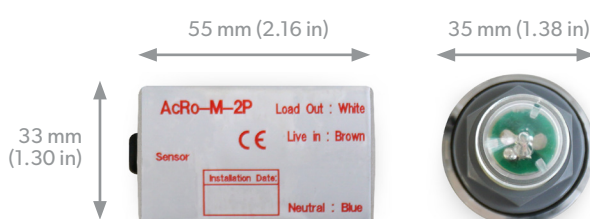
The Acro Mini 2P photocell utilises a filtered silicon based ambient light sensor and microprocessor control. This accurate combination provides the best energy savings and reliable operation.

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

- Sensor head is remote from the switching section.
- Light sensor can be mounted up to 1 meters from switching section.
- Rated for 400W HID or LED Luminaire (Max 5 amps).
- Unique 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.
- Standard cable length 0.5 Meters
- Energy efficient design with a average power consumption <0.25 watts.
- UV stabilized polycarbonate housing is rated and tested to IP 67.
- UV stabilised fully encapsulated M20 threaded remote light sensor.
- Sensor window designed to survive all types of outdoor conditions
- A full electrical and 48 hour operational burn-in test is performed on every unit before leaving the factory.
- RoHS compliant.



Technical Specifications

Rev 0.2 Autumn 2020

General		Environmental	
Dimensions	Switching Housing: 55mm L x 33mm D x 30 mm H 2.16" L x 1.3" D x 1.18" H Remote Sensor Head: 35mm Ø x 44mm H (M20) 1.42" Ø x 1.7" H	Operating Temperature	-20 C to +80 C -4 F to +176 F
Warranty	8 year standard. 10 year available on request.	Enclosure Protection	Encapsulated electronics in switching section and sensor head. Fully impervious to moisture. IP67 sealing properties.
		Standards Compliance	Environmental RoHS, EN55015, EN61547, EN6100-3-2, EN6100-3-3 ETL UK 773, CSA 22.2, IS EN ISO 9002: 2015, ANSI C136.24 2004
Power		Switching	
Mains Supply	105 to 135 Volts AC - 50/60 Hz. 195 to 265 Volts AC - 50/60 Hz. 105 - 277 Volts AC - 50/60 Hz.	Switch "On" Light Level	10 to 120 Lux - 1 to 11 fc ± 0.025
Power Supply Consumption	Less than 0.25 Watts	Switching Ratio	1:0.5 to 1:1.5
Maximum Load Current (A)	10 Amps	Ambient Light sensor	Color corrected photodiode + amplifier
Load Rating	1.8KVA/1000 Watts	Switching Time Delay	25 seconds or as specified
		Switching Options	Dusk to Dawn. Part Night option available.