

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.

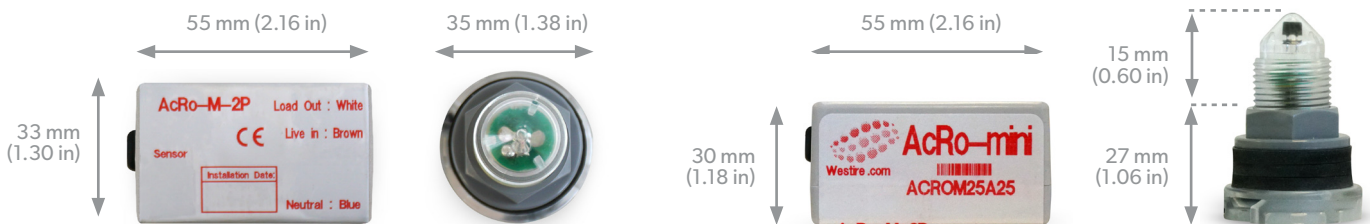
Longevity

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.

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	Operating Temperature	-20 C to +80 C -4 F to +176 F
	Remote Sensor Head: 35mm Ø x 44mm H (M20) 1.42" Ø x 1.7" H	Enclosure Protection	Encapsulated electronics in switching section and sensor head. Fully impervious to moisture. IP67 sealing properties.
Guarantee	8 year standard. 10 year available on request.	Designed to Meet	Environmental RoHS, EN55015, EN61547, EN6100-3-2, EN6100-3-3 ETL UK 773, CSA 22.2, IS EN ISO 9001: 2015, ANSI C136.24 2004
Power		Switching	
Mains Supply	200 - 260 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	1000 Watts	Switching Time Delay	25 seconds or as specified
		Switching Options	Dusk to Dawn. Part Night option available.



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