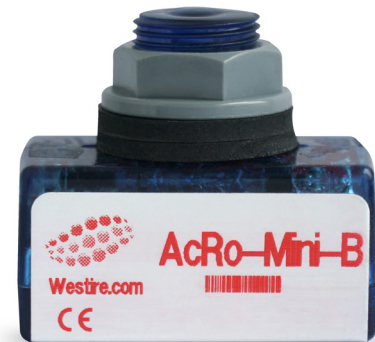


Acro Mini Bollard

ACRO MINI PHOTOCELLS

Engineered for low energy consumption solar switching and marine light switching applications



Accuracy

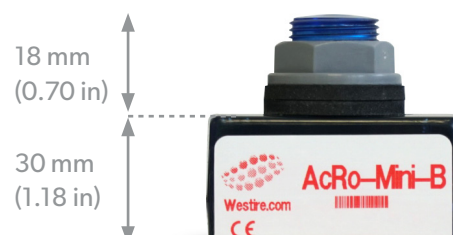
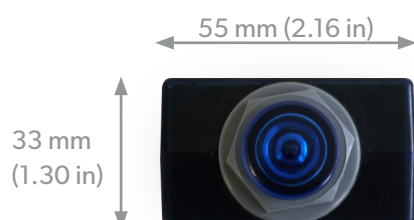
The Acro Mini Bollard photocell utilises a Infra Red biased light sensor, a blue tinted lens and microprocessor control. This accurate combination eliminates the occurrence of cycling at switch on in Bollard installations.

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

- Utilises a light filtered enclosure.
- Applications in low energy consumption solar switching and marine light switching.
- Rated for 400W HID or LED Luminaire (Max 5 amps)
- Designed to meet the needs of LED fixtures while still maintaining proven reliability for more traditional technologies.
- Advanced electronic circuitry ensuring reliability and longevity.
- Unique fully encapsulated electronic circuitry and light sensor is completely impervious to moisture.
- UV stabilized polycarbonate housing is rated and tested to IP 67.
- 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

Dimensions **Overall Housing:**
55mm L x 33mm D x 48mm H
2.16" L x 1.3" D x 1.88" H

Sensor Window:
12mm Ø x 18mm (M20)
0.79" Ø x 0.70" (M20)

Warranty 8 Year Standard
10 years available on request

Power

Mains Supply 12V to 48V DC

Power Supply Consumption 12V DC <0.09 Watt
24V DC <0.11 Watt
36V DC <0.13 Watt
48V DC <0.16 Watt

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 Fully encapsulated electronic circuitry. 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

Switching

Switch "On" Light Level 10 to 120 Lux - 1 to 11 fc ± 0.025

Switching Ratio 1:0.5 to 1:1.5

Ambient Light sensor Color corrected photodiode + amplifier

Switching Time Delay 25 seconds or as specified

Switching Option Dusk to Dawn.
Part night option available.