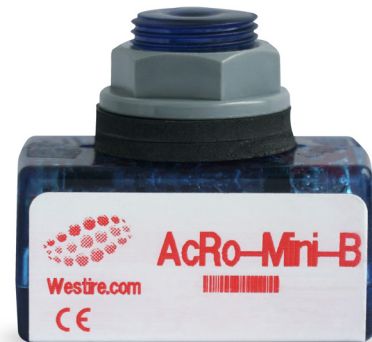


# Acro Mini Bollard

ACRO MINI PHOTOCELLS

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



## Accuracy

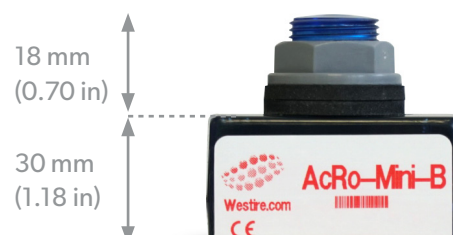
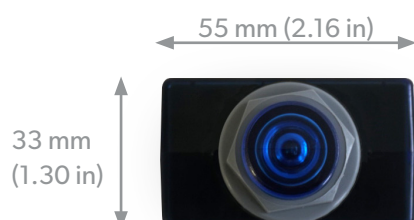
The Acro Mini Bollard photocell utilises a Infra Red biased light sensor, a blue tinted lens and microprocessor control. This accurate combination eliminates the occurrence of cycling at switch on in Bollard installations.

## 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

General		Environmental	
Dimensions	<b>Overall Housing:</b> 55mm L x 33mm D x 48mm H 2.16" L x 1.3" D x 1.88" H  <b>Sensor Window:</b> 12mm Ø x 18mm (M20) 0.79" Ø x 0.70" (M20)	<b>Operating Temperature</b>	-20 C to +80 C -4 F to +176 F
Warranty	8 Year Standard 10 years available on request	<b>Enclosure Protection</b>	Fully encapsulated electronic circuitry. Fully impervious to moisture. IP67 sealing properties.
		<b>Standards Compliance</b>	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
Power		Switching	
Mains Supply	200 - 260 Volts AC - 50/60 Hz	<b>Switch "On" Light Level</b>	10 to 120 Lux - 1 to 11 fc ± 0.025
Power Supply Consumption	Less than 0.25 Watts	<b>Switching Ratio</b>	1:0.5 to 1:1.5
Maximum Load Current (A)	10 Amps	<b>Ambient Light sensor</b>	Color corrected photodiode + amplifier
Load Rating	1.8KVA/1000 Watts	<b>Switching Time Delay</b>	25 seconds or as specified
		<b>Switching Option</b>	Dusk to Dawn. Part night option available.