

DALI External Photocell

The external photocell connects to Prolojik LCMs and hubs to provide a sample of external daylight levels for use with daylight linking. An Integral feedback LED allows for the installer to easily verify correct wiring and identify connection.

Prolojik’s PS320 External Photocell is designed to work with Prolojik PL and PC series lighting controllers. The photocell delivers high accuracy light level measurement.



Key Features

- IP65 Enclosure
- DALI powered
- Simple installation and wiring
- Available pre-addressed or addressable on site.

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DALI External Photocell

Specification

Performance

Light Level
Sensor type: Photo-diode
Accuracy: +/-5% across range
Field of view: 360°

Environment

Storage
Temperature: -40°C to +80°C
Humidity: 0% - 90% non-condensing

In Use

Temperature: -40 to +80°C
Humidity: 10% - 90% non-condensing

Conformity & Standards

EMC immunity EN50082-1
EMC emissions EN50081-1
Housing material flame-proof ABS
DALI & NEMA compliant
IEC Standard 62386-102
NEMA Standard NS243-2004
Supports DALI 2 & 3 byte protocol
ARCOM MasterSpec 2013 Classification 29 09 23

Enclosure

Transparent Polycarbonate Lid
ABS IP65 Enclosure

Dimensions

80mm x 82mm x 55mm (L x W x H)
Weight 40g

Commissioning aids

IR reception from PC101 - triple flash
Reboot - Rapid Flash

Installation

Photocell should be mounted north facing
Do NOT mount photocell sensor in an obscured location

Photocell Connector

PC032 2 pole screw terminal connector (for DA, DA connections)
via 20mm gland
Plug included
Cable diameters 0.5 to 2.5mm²
CE and UL approved

Technical Data

