



PE1-EXT

External Ceiling Surface Mounted Photocell

Key Features

- Photocell used to determine light level in an interior space
- IP65 rated
- 0-1500 lux
- Designed to be surface mounted
- Used within an iLight lighting control system
- Interior version also available (PE1C)
- CE compliant to all relevant standards
- Designed and manufactured to ISO9001:2008 standards

Electrical

Supply: 5Vdc (via iLight UIM interface unit)

Power consumption: 0.1mA

Mechanical

Climate Range: IP65)

Temperature: +2°C to +40°C

Humidity: +5 to 95% non condensing

Mounting: Supplied with own mounting bracket. The unit may be mounted in any suitable position - avoid water falling directly on face

Recommended maximum cable length between UIM and sensor:

10m (screened)

Location: The sensor should be mounted on a rigid surface a suitable distance away from any light fittings'

Overview

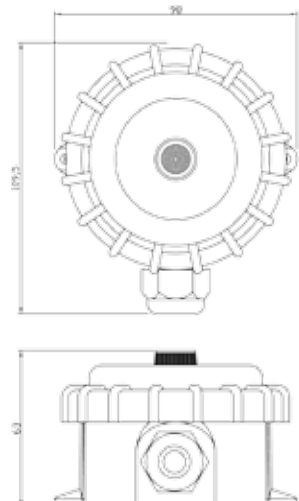
This IP65 rated unit is a external surface mounted

Photo-diode Sensor designed for measuring light level. Used as an input device to iLight networks, ambient light levels can be controlled by dimming and switching artificial lighting when needed to save energy. Used with an iLight UIM (Mini Universal Interface), iCANsoft may be programmed to control threshold lighting levels and instigate network commands. Multiple light level commands are also possible, consult iLight for detailed system design.

An internal photocell is also available (PE1C) where the measurement of interior light levels is required. It is the same specification as this external unit but designed for recess mounting in internal ceiling tiles.



Dimensions



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