



Monostar 1000

One Part Photocell

Key Features

- Very low power consumption
- Filtered silicon photodiode
- Microprocessor based photo-electronic control
- Accurate switching
- 'Zero crossover voltage' switching
- Suitable for use with LED, halogen or discharge lighting

Applications

- PFI Street lighting projects
- Local Authority street lighting
- Car park and area lighting

The Monostar 1000 one part photocell is designed to deliver a high level of reliability and performance, within the budgetary constraints of many street lighting projects.

Utilising the same technology as the Monostar 2000 photocell, the Monostar 1000 delivers low power consumption and unparalleled switching accuracy via microprocessor based control.

The photocell unit is securely housed within a highly durable sealed casing with a UV stabilised cone and is rated to IP65, to ensure consistent long term performance even after prolonged exposure to adverse weather conditions.

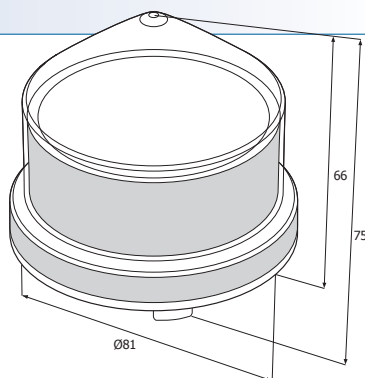


Monostar 1000 One Part Photocell

Technical Specification

Specification	Description
Sensor type	Filtered silicon photodiode
Sensor control	Microprocessor
Standard switching level	70 lux 'On', 35 lux 'Off'. Alternative settings can be factory pre-programmed on request
Switching differential	1:0.5
Operating voltage range	220-270 Vac, 50/60 Hz
Maximum lamp load	2 x 250 W inductive (60 µF)
Power consumption	0.5 W
Operating temperature range	-20 °C to +60 °C
Ingress protection	IP65
Alternative switching levels	Factory pre-programmable to meet customer requirements
Options	Positive switching differential Conduit base NEMA base 110-120 Vac units
Approvals	RoHS compliant. CE marked and compliant with EMC emission and immunity standards Designed to meet the requirements for UMSUG code 94 0001 0000 100
Dimensions Dia. x D	81 x 75 mm

For product order codes or to discuss project requirements, please contact Thomas & Betts or your local representative.



Royce Thompson is the leading photo-electronic lighting controls brand from Thomas & Betts, supporting the street and amenity lighting industry since 1963.

Continuous focus on the provision of high quality, innovative products to the market ensures Royce Thompson photocells offer the best in low energy consumption, reliability and long life - helping you, the customer, achieve optimum performance whilst keeping your carbon footprint to a minimum.



Product selection

Product	Monostar 1000
Description	One part photocell

Individual product order codes subject to final product specification. Codes can be supplied on request from Thomas & Betts. To discuss project requirements, please contact your local representative or Thomas & Betts on (0)113 281 0600.

Warranty of all Royce Thompson products is subject to the standard Thomas & Betts terms & conditions of sale.

Abbreviations:

NEMA - National Electrical Manufacturers Association



FM09470

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