



ROYCE THOMPSON
LIGHTING TECHNOLOGY IN CONTROL

Microstar 1000

High Performance Miniature Photocell

- Royce Thompson, a leading brand in the Thomas & Betts Corporation portfolio, has been synonymous with Photo Electronic controls for the street and amenity lighting market since 1963 and continues to lead the market in quality, innovation and service.
- Extensive investment in R&D and patented features such as 'synchronous switching' combined with our unique 'ASIC' (*Application specific integrated circuit*) ensure that Royce Thompson photocells offer the best in low energy consumption, high reliability and long life - helping you, the user, deliver the lowest carbon footprint.
- Royce Thompson products are RoHS compliant, UMSUG rated where appropriate and comply with EMC emission and immunity standards.

Microstar 1000

A cost effective miniature photocell for commercial, industrial and residential applications. The Microstar 1000 has unrivalled reliability and switching accuracy. Optimised for critical applications where 'only the best is good enough'.

KEY FEATURES

- 25 year life, with 3 years warranty.
- Inrush Current protection.
- Filtered Silicon Photodiode.
- Patented ASIC Control.
- Extremely accurate switching.
- 'Zero crossover voltage' switching.
- Compact dimensions.
- RoHS Compliant.

APPLICATIONS

- Bulkhead lighting.
- Vandal resistant lighting.
- Aesthetic / architectural lighting.
- 'High bay' lighting.
- Floodlighting.
- Tunnel and underpass lighting.
- Car Park lighting.

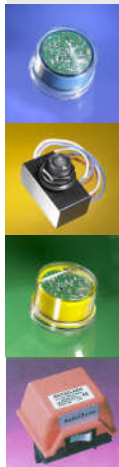


SPECIFICATION

Sensor type	Filtered Silicon Photodiode.
Sensor drift	Zero over 10 years.
Standard switching level	70 Lux 'On', 35 Lux 'Off'.
Switching differential	1:0.5.
Operating voltage	220 / 270 Vac, 50/60 Hz.
Maximum lamp load (HID)	1 x 400W inductive (60µF).
Switching cycles	15,000 minimum.
Power consumption	< 0.5W.
Operating temperature range	-20 / +80°C.
Warranty	3 years.
Ingress protection (Lens)	IP65.
Alternative Switching Levels	Set to meet customers requirements.
Options	Positive switching differential, lead lengths to suit application. 17mm lens projection.
Dimensions (mm)	W 31, L 57, D 25, lens diameter 20, lens projection 25.

STOCKISTS

Royce Thompson products are available through an extensive distribution network.
Your local stockist is :-



Thomas&Betts

WWW.CABLEJOINTS.CO.UK

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