



- 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.

MONOSTAR 2000i

This unit uses the same patented technology as the OASIS 2000 to give unparalleled switching accuracy.

The Monostar 2000i has a 3 year warranty, backed by the Global Thomas & Betts Corporation.

KEY FEATURES

- 25 year life, with 3 year warranty.
- Very low power consumption.
- Filtered Silicon Photodiode.
- Patented ASIC control.
- Extremely accurate switching.
- 'Zero crossover voltage' switching.
- Highly durable sealed body.
- UV Stabilised acrylic plastic cone.

APPLICATIONS

- Roadway lighting.
- Local Authority street lighting.
- Security Lighting.
- Floodlighting.



SPECIFICATION

Sensor type	Filtered Silicon Photodiode.
Sensor drift	Zero over 10 years.
Standard switching level	20 Lux 'On', 20 Lux 'Off'.
Switching differential	1:1
Operating voltage	220 / 270 Vac +/- 10%, 50/60 Hz.
Maximum lamp load (HID)	2 x 400W inductive (63µF), 8A.
Switching cycles	40,000 minimum.
Power consumption	< 0.5W.
Operating temperature range	-20 / +80°C.
Warranty	3 years.
Ingress protection	IP65.
Alternative Switching levels	Can be set to meet customers individual requirements.
Options	Conduit base, 'reverse acting' switching differential, 110Vac units.

DESIGN AND TESTING CERTIFICATION

EMC Emissions to EN 50081-1.

EMC Immunity to EN 50081-2.

Vibration to BS2100.

IP rating to BS EN 60529/1992.

Specification to BS 5972—1980, ANSI C136.10 / 1996, ANSI C136.2 / 2004, ESMA 48 / 01.



Thomas & Betts

Thomas & Betts Ltd, Ace Business Park,
Tel: +44 (0)121 785 4700
Email: Roycethompson@tnb.com

Mackadown Lane,

Birmingham . B33 0LD.

Fax: +44 (0)121 785 4717.

www.roycethompson.com