



- 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.

OASIS 2000

The OASIS 2000 is the best photocell available for applications where accuracy, reliability and long service life are critical; its design excellence is combined with high quality components and an exhaustive test programme to consistently deliver performance. OASIS 2000 is then supported by a 12 year warranty, backed by the Global T&B Corporation.

KEY FEATURES

- 25 year life, with 12 years 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

- Arterial Roadway lighting.
- PFI Street Lighting Projects.
- Local Authority street lighting.
- Security Lighting.
- Floodlighting.
- Tunnel and underpass 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	110 -270 Vac, 50-60 Hz.
Maximum lamp load (HID)	3 x 400W inductive (96 µF), 10A.
Switching cycles	40,000 minimum.
Power consumption	< 0.25W.
UMSUG Code	9500000.
Operating temperature range	-20 / +80°C.
Warranty	12 years.
Ingress protection	IP67.
Surge Protection	320J.
Alternative Switching levels	Can be set to meet customers individual requirements.
Options	Conduit bases, 'reverse acting' switching differential, 110 Vac 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.

* Warranty— Extended warranty periods can be agreed Subject to Contract.

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