



- 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.

Photocell Accessories for Streetlighting

A range of high quality components for streetlighting applications that compliment the Royce Thompson photocell product range.



ROTALOC® Socket.

The Rotaloc socket is designed for use with all NEMA specification photocells and provides a secure, sealed mounting. The durable engineering polymer body houses Beryllium Copper contacts which provide excellent wear properties for long service life.

Voltage	220 / 270 Vac. @ 50Hz.
Current Rating	10A Continuous.
Ingress Protection	IP65.
Specification	NEMA, CSA C239/M89, IEC695:2:1
Terminals	3 off 4mm Dia. (For 2.5mm ² cable).
Options	Sealing gasket, sealing cap.



B13S.P. Power Relay.

This heavy duty relay is ideal for single pole switching of lighting circuits with multiple luminaires operated by one Photoelectronic Controller. The Unit can be supplied alone, or mounted in an IP55 rated enclosure (as illustrated).

Voltage	230 +/- 10% Vac @ 50Hz.
Contacts	1 Pair (Normally Open).
Nominal Contact Current	30 A. Resistive.
Nominal Coil Current	45 mA.
Operating Temperature	-5°C to + 40°C.
Specification	DIN 40 040.



Shorting Plug.

The B16 'Shorting Plug' is available to provide secure and weatherproof direct connection for lamp wiring in a luminaire that is fitted with a NEMA socket. Applications include cost effective conversion of NEMA socket luminaires for 'Group Switching' and dual luminaire/ single photocell applications.

Specification	NEMA Socket Compatible.
Current Rating	10A Continuous.



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