



# P12HE & P12RE

## One part and Two part Miniature Photocells.

- 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.

### P12HE

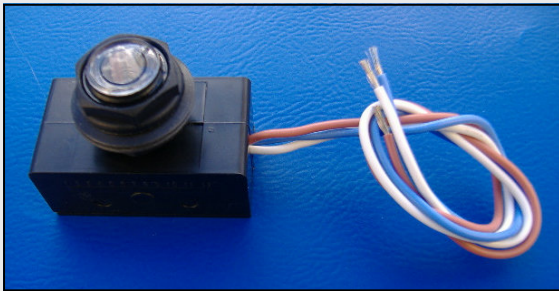
*A low cost, robust and reliable photocell for use in Industrial, commercial and residential applications.*

#### KEY FEATURES

- Compact Miniature Body.
- Reliable electromagnetic relay.
- 300mm leads as standard.

#### APPLICATIONS

- Bulkhead Light fittings.
- Security lighting and Area (flood) Lighting.



#### SPECIFICATION

Sensor type	Cadmium Sulphide.
Standard switching level	70 Lux.
Switching differential	1:1.5.
Operating voltage	220/270 Vac, 50/60 Hz.
Maximum lamp load (HID)	2 X 250W inductive (60µF).*
Maximum Resistive Load	2000W.
Power consumption	0.96W.
Operating temp. range	-15 / +65°C.
Warranty	2 years.
Ingress protection	IP65. ( Lens only).
Options	Switching levels and wire length to suit customer requirements.
	17mm lens projection.
Dimensions ( mm)	W 31, L 57, D 25, lens diameter 20, lens projection 25.

### P12RE

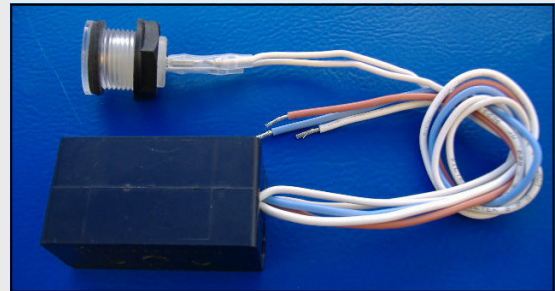
*A low cost and reliable electronic photocell with a robust remote detector.*

#### KEY FEATURES

- Compact Miniature Body with Remote detector.
- Reliable electromagnetic relay.
- Controller fitted with 300mm leads as standard.

#### APPLICATIONS

- Bulkhead and security lighting where space limitations or other factors require the use of a remote sensor.



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Power consumption	0.96W.
Operating temp. range	-15 / +65°C.
Warranty	2 years.
Ingress protection	IP65. ( detector only).
Options	Switching levels and wire length to suit customer requirements.
Dimensions ( mm)	W 31, L 57, D 25, Detector Thread diameter 20.

### STOCKISTS

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



\* No inrush current protection, not suitable for 1 x 400W.