



miniature photocells

THESE UNITS ARE DESIGNED FOR APPLICATIONS WHERE SPACE IS LIMITED OR MINIMUM AESTHETIC IMPACT IS REQUIRED, THE SAME ACCURACY OF SWITCHING, LONG LIFE AND RELIABILITY ARE PROVIDED BUT IN A MUCH SMALLER PACKAGE THAN CONVENTIONAL NEMA SOCKET PHOTOCELLS.

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TECHNICAL SPECIFICATIONS

DESCRIPTION	P12HE*	MICRO-STAR			S100*
		1000	2000	ULTRA	
Sensor Type	Cadmium Sulphide	Filtered Silicon Photodiode	Filtered Silicon Photodiode	Filtered Silicon Photodiode	Cadmium Sulphide
Sensor Drift	-	Zero over 10 yrs	Zero over 10 yrs	Zero over 10 yrs	-
Standard Switching Level (others on request)(Lux)	70	70	70	70	70
Standard Switching Differential *(Positive on request)	1.1:5	1.0:5*	1.0:5*	1.0:5*	1.1:5
Voltage	220 - 270V, 50 - 60HZ				
Max Lamp Load (W) (HID)	2x250	1x400	3x400	3x400	2x250
Switching Cycles	-	15,000	20,000	20,000	-
Power Consumption (W)	0.6	0.5	<0.25	0.25	0.6
Operating Temp Range (°c)	-15 to +65	-20 to +80	-20 to +80	-20 to +80	-20 to +80
Warranty Period (yrs)	2	3	8	12	2
UMSUG Code	-	-	9500000	9500000	-
Ingress Protection (Lens)	IP65	IP65	IP65	IP65	IP65
Dim's (mm)					
W	31	31	31	31	46
L	57	57	57	57	46
D	25	25	25	25	30

* Units have no inrush current protection

Royce Thompson products are fully RoHS compliant.

