



**ROYCE THOMPSON**  
LIGHTING TECHNOLOGY IN CONTROL



# one part photo cells

UNITS ARE DESIGNED TO FIT THE STANDARD NEMA SOCKET BUT ARE AVAILABLE WITH 20MM CONDUIT FITTED IF REQUIRED (ORDER SUFFIX 'C'). THE OASIS AND MONO-STAR RANGES BENEFIT FROM THE ROYCE THOMPSON PATENTED OASIS CHIP WITH 'STATE MACHINE' AND SYNCHRONOUS SWITCHING FOR GREATER ACCURACY AND LONG LIFE.

## TECHNICAL SPECIFICATIONS

DESCRIPTION	S300*	MONO-STAR		OASIS		
		1000	2000	1000	2000	2000T
<b>Sensor Type</b>	Cadmium Sulphide	Filtered Silicon Photodiode	Filtered Silicon Photodiode	Filtered Silicon Photodiode	Filtered Silicon Photodiode	Filtered Silicon Photodiode
<b>Sensor Drift</b>	-	Zero over 6 yrs	Zero over 6 yrs	Zero over 10 yrs	Zero over 10 yrs	Zero over 10 yrs
<b>Standard Switching Level</b> (Others on request)(Lux)	70	70	70	70	70	70
<b>Standard Switching Differential</b> *(Positive on request)	1:1.5	1:0.5	1:0.5	1:0.5	1:0.5	1:0.5
<b>Voltage +/-10%</b>	220 - 270V, 50 - 60HZ					
<b>Max Lamp Load (W) (HID)</b>	2x250	2x250	2x400	3x400	3x400	3x400
<b>Switching Cycles</b>	-	15,000	15,000	40,000	40,000	40,000
<b>Power Consumption (W)</b>	0.6	<0.5	<0.5	0.25	0.25	0.35
<b>Operating Temp Range (°c)</b>	-20 to +80	-20 to +80	-20 to +80	-20 to +80	-20 to +80	-20 to +80
<b>Warranty Period (yrs)</b>	2	4	6	8	12	6
<b>UMSUG Code</b>	-	-	-	9500000	9500000	-
<b>Ingress Protection</b>	IP65	IP65	IP67	IP67	IP67	IP65

The Oasis 2000T offers programmable control for luminaires equipped with electronic ballasts, providing a reliable and economic dimming solution

\* The S300 has no inrush current protection

Royce Thompson products are fully RoHS compliant.

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