

SS9

The SS9 NEMA Part-Night Photocell helps reduce energy costs by automatically switching lighting off at pre-defined times during the night. Available with a range of lux levels and switching regimes.



Overview:

- Fully interchangeable with conventional all-night NEMA photocells
- Offers significant energy savings compared with equivalent full-night photocells
- Available with GMT part-night switching or automatic GMT/BST (DLS) switching
- Eliminates the need for time clocks and other real-time devices
- Reduces operating costs through ultra-low power consumption (<100mW)
- Suitable for LED lighting loads up to 400W
- Direct retrofit solution for existing NEMA installations

Features:

- Suitable for 3-pin and 5/7-pin NEMA sockets
- Programmable part-night operation
- Fit-and-forget design
- Electronic relay switching technology
- Filtered photodiode sensing
- Digital control circuitry
- UV-stabilised polycarbonate enclosure
- Compatible with LED & conventional lighting sources
- Multiple lux-level options available
- IP65 rated enclosure

Specification

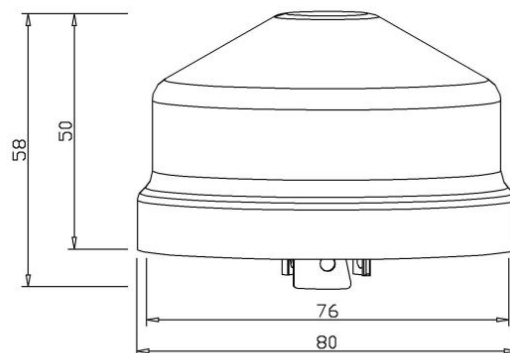
Sensor			
Filtered Photodiode IC			
Drift Negligible			
Switching Technology			
Electronic EM Relay Load Switching			
Switching Regime in Lux and Time			
Light level		Availability in SS9 range	Typical switch regime burning hours per year based on Midnight – 5.30am OFF
On at dusk	Off at dawn		
70 lux	35 lux	Yes	2338 hours per year
55 lux	28 lux	Yes	2322 hours per year
35 lux	18 lux	Yes	2302 hours per year
Switching ratio		1:1 or 1:0.5	
Switching delay		10 seconds	

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Specification

Load	
Maximum load for LED lighting	400 Watts
SS9 is compatible with other light sources	
Maximum load for: High Pressure Sodium Metal Halide GLS or incandescent	400 Watts 400 Watts 800 Watts
Supply and Consumption	
Voltage	198-264
Surge Suppression	38 Joules
Frequency	50Hz
Consumption in Watts	100mW
UMSUG Charge Code	94 0001 1000 100
Operating Temperature	
Min/Max operating ambient temp range	-20/+80°C
Compliance and Approvals	
IP Rating	IP65
Warranty	6 years
Compliance Standards	BS5972, BS EN IEC 55015, BS EN 60529, BS EN IEC 6100-3-2, EN 6100-3-3, BS EN IEC 61000-4-2, BS EN IEC 61000-4-3, BS EN 61000-4-4, BS EN 61000-4-5, BS EN 61000-4-6 BS EN IEC 61000-4-11, BS EN 61547

Dimensions and Construction:	
Height	50mm (71mm including fitting)
Width	ø80mm
Weight	77.5g
Fixing	NEMA
Control Circuitry	Digital
Body Material	Polycarbonate Enclosure (UV stabilised)



Order Codes

Order Code	Description	Warranty	Lux On	Lux Off
F7050-0022-35	SS9DRHD MidN-05:30 GMT 35Lux 1:0.5	6 years	35	18
F7050-0022-70	SS9DRHD MidN-05:30 GMT 70Lux 1:0.5	6 years	70	35
F7050-0027-35	SS9DRHD 00:00-05:30 DLS 35Lux 1:0.5	6 years	35	18
F7050-0022-20	SS9DRHD MidN-05:30 GMT 20Lux 1:1	6 years	20	20
F7050-0420-20	SS9DRHD 01:00-05:00 DLS 20Lux 1:1	6 years	20	20

Additional lux levels and part-night timings are available. Contact Customer Services for ordering information and order codes.



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