

SS19

The ultimate energy saver in a 20mm miniature format. Offering part-night off operation in various lux-level and switching regime options, where it is appropriate to do so, SS19 can offer significant energy savings by automatically switching the light off for part of the night when it is not needed.



Overview:

- Offers up to 50% energy savings when compared with the equivalent full-night photocell
- Available set to GMT part-night switching or automatic GMT/ BST (DLS) switching
- The housing incorporates a special lens to optimise the optical performance of the unit

Features:

- Option of several different factory settings, based on street lighting control requirements
- Suitable for use in the most luminaries, with SS9 one-part NEMA option also available
- Part night to off feature

Specification

Sensor			
Photo IC			
Drift Negligible			
Switching Technology			
Electronic EM Relay Load Switching			
Switching Regime in Lux and Time			
Light level		Availability in SS19 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	
Load			
Maximum load for LED lighting		250 Watts	
SS19 is compatible with other light sources. Maximum load for: High Pressure Sodium Metal Halide GLS or incandescent		500 Watts 500 Watts 1200 Watts	

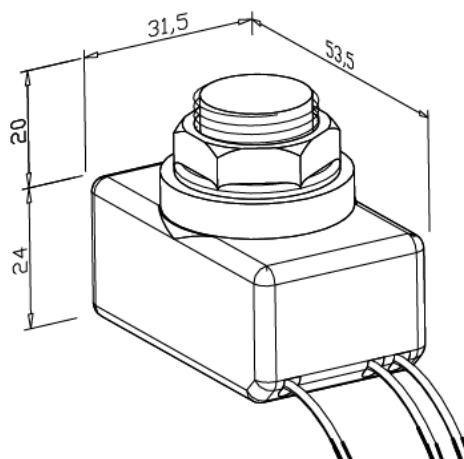
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Specification

Supply and Consumption	
Voltage	198-264
Surge Suppression	20 Joules
Frequency	50Hz
Consumption in Watts	<0.25
UMSUG Charge Code	UMSUG Charge Code 94 0000 0001 100
Operating Temperature	
Min/Max operating ambient temp range	-20/+75°C
Compliance and Approvals	
IP Rating	IP65 when installed
Warranty	6 years
Compliance Standards	BS5972, BS EN IEC 55015, BS EN 60529, BS EN IEC 61000-3-2, BS EN 61000-3-3, 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, BSEN61547

Dimensions and Construction:	
Height over turret	44mm
Length	54mm
Width	32mm
Weight	67g
Fixing	20mm Hole Diameter
Lead length	500mm
Control circuitry	Analogue
Body Material	UV stabilised Polycarbonate Enclosure



Order Codes

Order codes vary according to Lux level and Part-Night switching regime required. Contact Customer Services for more advice.

Order Code	Description	Warranty	Lux On	Lux Off
F6220-0022-70	SS19 Part Night MidN-05:30 GMT 70Lux 1:0.5 6 years 70 35	6 years	70	35
F6220-0022-55	SS19 Part Night MidN-05:30 GMT 55Lux 1:0.5 6 years 55 28	6 years	55	28
F6220-0022-35	SS19 Part Night MidN-05:30 GMT 35Lux 1:0.5	6 years	35	18

Note: the above are example order codes with typical GMT part night timings.

Contact Customer Services to confirm the order code for the specific version required.

