Lucy Zodion

HAWK³



Experience the next generation of street lighting control with HAWK³. A range of highly accurate digital switching photocells, designed with sustainable, recyclable components to deliver unmatched reliability and hassle-free installation and operation.

- Suitable for both 3 pin and 5/7 pin NEMA socket types
- Switching delay to avoid irregular illumination and de-illumination
- Intelligent relay output switchover detection
- Frosted cone for light dispersion
- High rejection ratio of infrared radiation
- Moulded gasket

SPECIFICATION

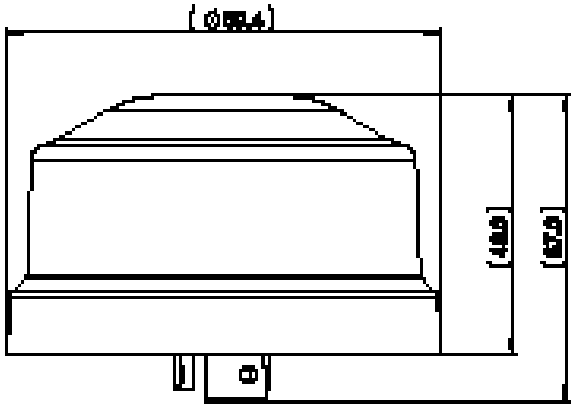
Sensor			
Phototransistor IC			
Drift Negligible			
Switching Technology			
Electromechanical Relay			
Switching Regime in Lux and Time			
Light Level		Availability in HAWK3 Range	Approximate Burning Hours per Year
On at Dusk	Off at Dawn		
70 Lux	35 Lux	Yes	4142 Hours per Year
55 Lux	28 Lux	Yes	4122 Hours per Year
35 Lux	18 Lux	Yes	4095 Hours per Year
20 Lux	20 Lux	Yes	4083 Hours per Year
10 Lux	10 Lux	Yes	4064 Hours per Year
Switching Ratio		1:1 or 1:0.5	
Switching Delay		10 seconds as standard	



Coloured bands available upon request.

Load	
Maximum Load of LED Lighting	600 Watts
HAWK³ is compatible with other light sources. Maximum load for: High Pressure Discharge GLS or Incandescent	400 Watts 1000 Watts
Supply and Consumption	
Voltage	198-264
Surge Suppression	20 Joules as standard
Frequency	47-63Hz
Consumption in Watts	<0.25
UMSUG Charge Code	94 0001 1000 100
Operating Temperature	
Min/Max Operating Ambient Temp Range	-20/+80˚C
Compliance and Approvals	
IP Rating	IP66/IP67 as standard
Warranty	6 years as standard
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, BS EN 61547, RoHS. CE, UKCA
Made in	United Kingdom

Dimensions and Construction	
Height	48mm
Diameter	80.4mm
Weight	79g
Body Material	UV Stabilised Polycarbonate Enclosure
Fixing	3 pin or 5/7 NEMA base
Control Circuitry	Microcontrolled



Order Code	Description	Warranty	Lux On	Lux Off
F9001	HAWK³ 10:10Lux	6 years as standard	10	10
F9002	HAWK³ 20:20Lux	6 years as standard	20	20
F9003	HAWK³ 35:18Lux	6 years as standard	35	18
F9004	HAWK³ 55:28Lux	6 years as standard	55	28
F9005	HAWK³ 70:35Lux	6 years as standard	70	35
F9850	HAWK³ 50:50Lux	6 years as standard	50	50

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