

Precision HALO

The ultimate in modern photocells! The Precision Halo is a safe extra low voltage (SELV), ultra-efficient and discrete photocell that utilises the Zhaga Book 18 ecosystem.



Overview:

- Precision HALO offers accurate low-level illuminance switching, reducing energy usage
- A stand-alone photocell designed in accordance with DiiA specification Part 351 for type D devices, and Zhaga Book 18 socket ecosystem
- Available with pre-programmed part night Off and part night Dimming, featuring automatic daylight saving (DLS) or GMT adjustment

Features:

- Contemporary compact design to complement today's modern light fittings
- Simple insert, rotate and lock mounting feature, no tooling needed and single-handed operation to install
- Safe extra low voltage (SELV) product
- Protected from mains-borne surges
- Reflective PCB, shielding components from heat stress

Specification

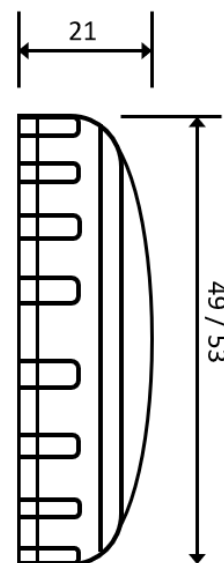
Sensor			
Photo IC			
Drift Negligible			
Switching Technology			
SR			
Switching Regime in Lux and Time			
Light level		Availability in Precision Halo range	Typical switch regime burning hours per year
On at dusk	Off at dawn		
35 lux	18 lux	Yes	4095 hours per year
20 lux	20 lux	Yes	4083 hours per year
10 lux	10 lux	Yes	4064 hours per year
Switching Ratio		1:1 or 1:0.5	
Switching Delay		10 seconds	

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Specification

Load	
Maximum load for LED lighting	Rating as per LED driver
Supply and Consumption	
Voltage	SELV (typically 16V)
Surge Suppression	Protected by the LED driver
Frequency	Not applicable
Consumption in Watts	SR lower tier
UMSUG Charge Code	Not Applicable
Operating Temperature	
Min/Max operating ambient temp range	-20/+80°C
Compliance and Approvals	
IP Rating	IP66
Warranty	10 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:	Precizion HALO Standard
Dimensions	Ø49mm (with trim: 53mm)
Weight	25g (29g with trim)
Fixing	Zhaga Book 18 socket
Control Circuitry	Digital
Lens Material	Polycarbonate KB18 (UV Stabilised)
IK09 Impact Protection	No

Order Codes

Order Code	Description	Warranty	Lux On	Lux Off
F6353-0001	HALO 20Lux 1:1 (no trim)	10 years	20	20
F6353-0002	HALO 10Lux 1:1 (no trim)	10 years	10	10
F6354-0001	HALO 20Lux 1:1 Light Grey Trim	10 years	20	20
F6354-0002	HALO 35Lux 1:0.5 Light Grey Trim	10 years	35	18
F6355-0001	HALO 20Lux 1:1 Dark Grey trim	10 years	20	20

Contact Customer Services for order codes for Part Night versions



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