

Ambis Sensor

Advanced energy saving with smart control

Product Features

- Waterproof LED equipped with a built-in microwave motion and daylight sensors
- Options for either ON/OFF or DIMMING control using 1-10V
- Through wiring to connect and control standard luminaires using fixed or 1/10V drivers
- Configuration of the sensor using a remote control
- High efficacy up to 133 lm/W
- Homogeneous and uniform distribution of light, without “hot spot”
- Operating temperature from -20°C to +40°C
- Easy-click fixation technique and mounting clips for convenient installation
- IP66 and IK10 protection, CE and RoHs compliant
- Reliable quality, manufacture capability, and global logistics by Delta Group 49-year establishment

Applications



Parking



Industrial



Warehouse



Work Area

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Smarter. Greener. Together.

	PG545ILH1L-M60S	PG445IEH1L-M77V
Sensor options	Build-in on/off sensor	Build-in dimming sensor
Control	FIX	1-10V
Lumen Output (lm)	6000	5700
Input Voltage (V)	AC 220 - 240 V	
Power (W)	45	
Efficacy (lm/W)	133	127
CRI (Ra)	> Ra 80	
CCT (K)	4000 ± 250K (4 MacAdam)	
Operating Temp (°C)	-20°C to +40°C	
Electrical safety class	Classe II	
Protection	IP66 / IK10	
Compliance	IEC 61000-3-2 Harmonique Classe C(1-40)/ THD (Taux de distorsion harmonique <20%)/CE/RoHs	
Tests	Glow wire test at 850°C / 4kV high-pot voltage insulation	
Installation	Standard through wiring with 1.5mm ² cable	3-pole 2.5 mm ² through-wiring
Rated load	200W	355W
Standby consumption	<0.5W	
HF system	5.8Ghz ± 75Mhz	
Sensor settings with remote control	Hold time: 10s / 90s / 3min / 10min Detection sensitivity: 50% / 100% Daylight sensor: 5 Lux / 15 Lux / 50 Lux / Disable	Hold time: 5s / 30s / 3 min / 30 min Detection sensitivity: 25% / 50% / 75% / 100% Daylight sensor: 5 Lux / 30 Lux / 150 Lux / Disable Standby time: 1s / 1 min / 10 min / ∞
remote control	IR remote controller (included) CR2025 - 3V lithium button cell battery (not included)	
Lifetime	>100,000 hrs L80/B10 at Ta 25°C	>70,000 hrs L80/B10 at Ta 25°C
Warranty	5 years	
Mounting height	Ceiling mounting 6 m max.	Ceiling mounting 4 m max.
Detection area	4 to 7 m radius	
Weight (kg)	1.6	1.3
Length (mm)	1600	1200
Dimensions		

Accessoires

- Mounting clips 2 pcs per luminaire

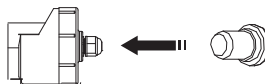


Standard
MA-030STD

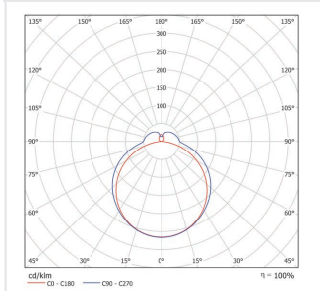


- Optional: Anti-vandalism SS316L mounting clips (set of 2 pcs)
MA-030NTV

- Sealing plug 1 pc per luminaire (for sealing the cable gland and the end luminaire in installation circuit)



Photometry



Specifications are subject to change without notice.

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Delta Electronics Europe

Zandsteen 15
2132 MZ Hoofddorp, The Netherlands
TEL: +31-20-655-0900
FAX: +31-20-655-0999

For more product information and sales inquiries, please contact: stew@deltaww.com

www.delta-emea.com/ledlighting