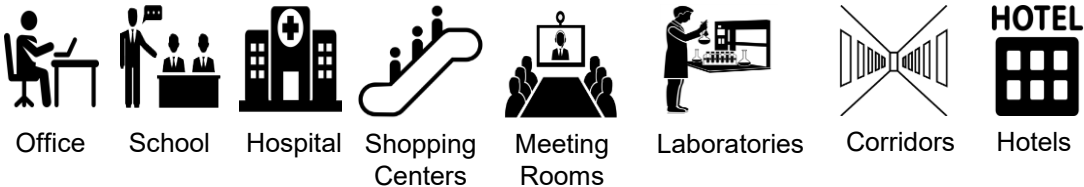


CEILING LUMINAIRE WITH EXPOSED MICROWAVE SENSOR (GLOP) EMERGENCY KIT



General Application Areas

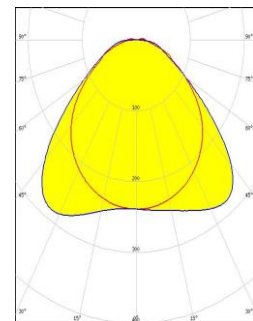


General Information

A Surface Mounted Radar Sensor Ceiling Fixture (GLOP) is a lighting solution that prioritizes both energy efficiency and safety by combining modern LED lighting technology with a radar sensor system and emergency lighting kit. Thanks to its emergency kit feature that activates in case of a power outage, it provides uninterrupted and safe lighting in spaces. Designed to suit different needs with 10W, 15W and 20W power options, the luminaire offers homogeneous and powerful lighting thanks to its 120° wide light angle. Providing high efficiency with an efficiency factor of 100 lm/W, the product is long-lasting thanks to its LED light source and offers environmentally friendly use with low energy consumption. Available in different color temperature options such as 3000K, 4000K, 5000K, and 6500K, GLOP has a wide range of uses such as offices, schools, hospitals, shopping malls, meeting rooms, laboratories, corridors, and hotels. The emergency lighting feature increases safety, especially in corridors and common areas.

It is suitable for indoor use with its IP54 protection class. Operating with an AC input voltage of 220V-240V, the product has a power factor of >0.5 and total harmonic distortion (THD) values of $<15\%$. While it offers safe use with a maximum voltage resistance of 2 kV, it provides natural and quality lighting thanks to its CRI value of >80 .

Optical Beam Angles



120°

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Optics and Lighting Performance

Light Source	LED
Power	10W / 15W / 20W
Effectiveness Factor	100 lm/W
Luminous Flux	1000lm / 1500lm / 2000lm
Color Temperature (CCT)	3000K / 4000K / 5000K / 6500K

Electrical Specifications

Input Voltage	220V - 240V AC
Power Factor (PF)	≥ 0.5
Total Harmonic Distortion (THD)	<%15
Maximum Tensile Strength	2 kV
Drive Life	20,000 hours (Ta=25°C)

Color Rendering Index (CRI) >80

Light Angle	120°
LED Life (L70)	> 60.000 hours

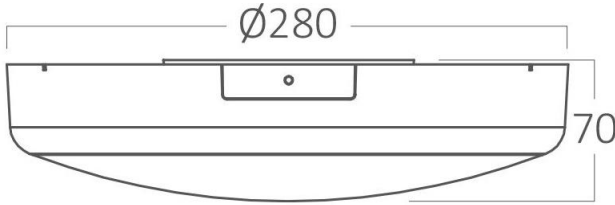
Body Structure, Durability and Standards

Body Material	Plastic	Testing Standards	
IP Protection Class	IP54	TS EN 60598	
Impact Resistance	IK07	EN 60529	
Operating Temperature	-20°C ~ +40°C	TS EN 62031	
Warranty Period	2 Years	EN 62262	
Certification	CE Mark Available	TS IEC TR 62471 EN 62722-2-1	

Sensor Specifications

Sensor Type	Microwave
Detection Angle	180°
Time Delay	30-60-180 sn
Sensing Distance	≤5 mt
Installation Height	2-3 mt
Lux	5-1000 lux

Technical Drawing (Side View) and Wiring Diagram



Product Variations

Product Code	Power	Input Voltage	CCT	Luminous Flux	Light Angle	Usage Area
GLP-0010SM-01201-830-9016-02E3	10W	220V- 240V AC 50 60 Hz	3000K	1000lm	120°	Surface Mounted
GLP-0015SM-01201-830-9016-02E3	15W	220V- 240V AC 50 60 Hz	3000K	1500lm	120°	Surface Mounted
GLP-0020SM-01201-830-9016-02E3	20W	220V- 240V AC 50 60 Hz	3000K	2000lm	120°	Surface Mounted
GLP-0010SM-01201-840-9016-02E3	10W	220V- 240V AC 50 60 Hz	4000K	1000lm	120°	Surface Mounted
GLP-0015SM-01201-840-9016-02E3	15W	220V- 240V AC 50 60 Hz	4000K	1500lm	120°	Surface Mounted
GLP-0020SM-01201-840-9016-02E3	20W	220V- 240V AC 50 60 Hz	4000K	2000lm	120°	Surface Mounted
GLP-0010SM-01201-850-9016-02E3	10W	220V- 240V AC 50 60 Hz	5000K	1000lm	120°	Surface Mounted
GLP-0015SM-01201-850-9016-02E3	15W	220V- 240V AC 50 60 Hz	5000K	1500lm	120°	Surface Mounted
GLP-0020SM-01201-850-9016-02E3	20W	220V- 240V AC 50 60 Hz	5000K	2000lm	120°	Surface Mounted
GLP-0010SM-01201-865-9016-02E3	10W	220V- 240V AC 50 60 Hz	6500K	1000lm	120°	Surface Mounted
GLP-0015SM-01201-865-9016-02E3	15W	220V- 240V AC 50 60 Hz	6500K	1500lm	120°	Surface Mounted
GLP-0020SM-01201-865-9016-02E3	20W	220V- 240V AC 50 60 Hz	6500K	2000lm	120°	Surface Mounted