



L9-LEDN-HF

94457 EAN: 4007529944576

Round LED light for wall or ceiling mounting with integrated microwave detector

Microwave detector not visible externally

HF technology: 5.8 GHz - reacts to the smallest motion, independently of temperature

Order data

Designation
L9-LEDN-HF

Colour
white

Art.No
94457

Technical data

Voltage:	230 V AC $\pm 10\%$ 50 / 60 Hz
Dimensions:	Ø 475 x 150 mm LED circuit board securely mounted Colour temperature: 4000 K neutral white
Luminous flux / intensity:	Luminous flux of LED: 2800 lm Luminous flux of light 2200 lm Peak: 559 cd
Efficiency:	92 lm/W
Photobiological safety:	RG 0
Colour reproduction:	CRI 82.1 / TM30: 81.5
Rated life time:	50000 h (L80/B10)
Power consumption:	24 W / PF 0.94
Degree / class of protection:	IP40 / Class I
Impact strength:	IK02
Ambient temperature:	-20 °C to +40 °C
Housing:	Coated sheet steel case with LED circuit board, plastic cover Lens: PMMA diffuser, white
Material color:	white
Microwave detector	
Radar / HF technology:	5.8 GHz, < 10 mW
Switching power:	1200 W, $\cos \phi = 1$ 600 VA, $\cos \phi = 0.5$
Detection area:	horizontal 360° (Wall mounting) Ø 0.4 – 16 m
Follow-up time:	5 sec – 15 min
Switch-on threshold:	2 – 2000 Lux

Product information

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Extremely short response time

Energy efficient light with long service life > 50,000 hours

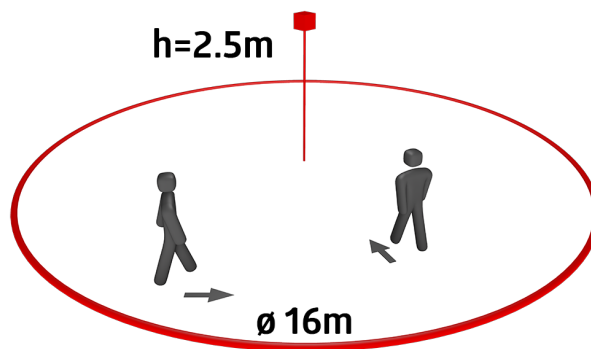
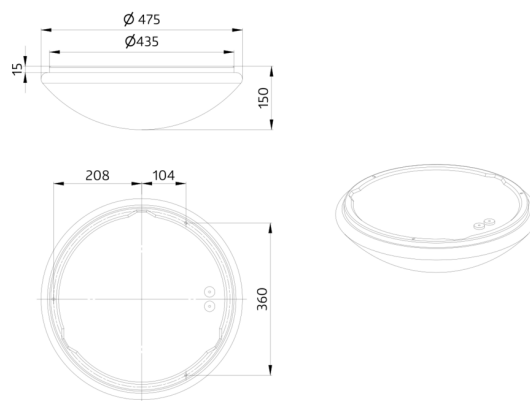
Broad light distribution using diffused light covers

Possibility to connect other lights which are also controlled by the one microwave detector

Range, switch-on threshold and follow-up time set via potentiometers

Application examples:

corridors, halls, staircases, storage rooms, cellars, toilets



h (m)	Ø (m)	E (lx)
1.0	3.7	559
2.0	7.5	140
3.0	11.2	62
4.0	15.0	35
5.0	18.7	22

