B.E.G. LUXOMATIC®



L9-LEDN-HF

94457 EAN: 4007529944576

230V LED round light for wall and ceiling mounting with built-in 5.8 GHz RF motion sensor, 24W, 2200 lm, 4000K, Ø up to 16 m, IP40.

Order data

Designation	Colour	Art.No
L9-LEDN-HF	white	94457

Technical data

Voltage:	230 V AC ±10% 50 / 60 Hz
Dimensions:	Ø 475 x 150 mm
Luminous flux / intensity:	LED circuit board securely mounted Colour temperature: 4000 K neutral white 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 φ = 1 600 VA, cos φ = 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

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

Extremely short response time

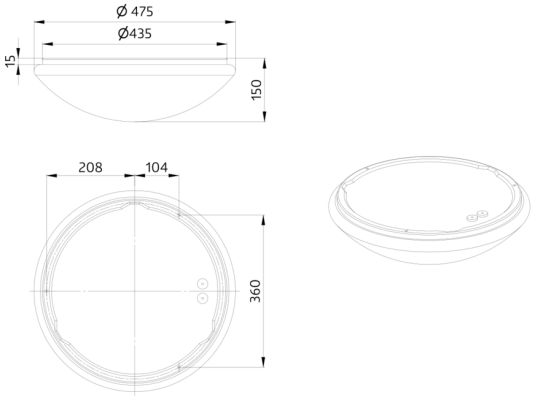
Energy efficient light with long service life > 50,000 hours

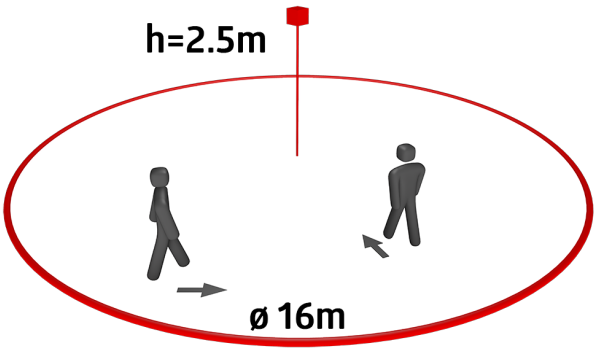
Broad light distribution using diffused light covers

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

