| LUXOMAT® HF-L7 and -L8

With integrated HF motion detector
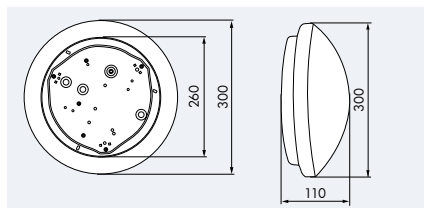
■ TECHNICAL DATA

	230 V~ ±10 %
	◯ 360°
	max. Ø 0.4 - 8 m
IP □	IP40 / Class I / C€
	Ø 300 x H 110 mm
	-15°C to +30°C
	L7 made of polycarbonate **L8** made of acrylic glass

Lamps

E27	max. 23 W E27 energy-saving lamp

Channel 1 (light control)

	Module 1200 W, cos φ = 1
	min. - 15 min.
	2 - 2000 Lux
RADAR	5.8 GHz, <10 mW, ISM band

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▸ Almost the same range of frequency as in W-LAN n (5 GHz) is used. The transmitter output of the sensor is less than 10 mW, which is around 100 times less than the transmitter output of a mobile phone (GSM) or microwave.

▸ We recommend you to test your application area to check for external influences on the detection area.

▸ HF technology: detection through walls possible

▸ You'll find more information about our HF motion detectors in the motion and occupancy detector catalogue.

Energy and environment balance sheet see page 6

ⓘ PRODUCT INFORMATION

■ Wall and ceiling light with integrated high-frequency motion detector for invisible light switching

■ No light switch required

■ 360° or 180° detection angle depending on whether installed in the ceiling or wall

■ Range, twilight value and activation time may be set with a potentiometer

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

■ Extremely short activation time

■ Light only when needed

■ Possible to connect additional lights switched in precisely the same way as the master light

■ Acrylic glass is suitable for all standard applications.

■ Polycarbonatee is appropriate for areas where greater impact resistance is required (e.g. schools, public buildings).

■ **Application examples:** corridors, halls, staircases, storage rooms, cellars, toilets

Wall installation (mounting height 2.20 m)

0.2 m
4 m
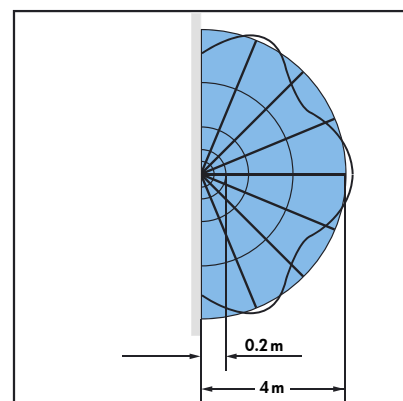
Ceiling installation (mounting height 2.50 m)

8 m   0.4 m
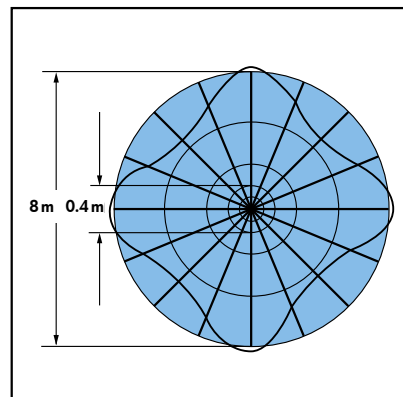
■ Walking across or towards
The range depends on size and speed of the object.

Description	Colour	Part number
HF-L7 (Polycarbonate)	white	94450
HF-L8 (Acrylic glass)	white	94445