

QBM 220-240 LS/PD CI

QBM 220-240 LS/PD CI | Qualified Bluetooth mesh daylight and presence sensor (Office)



Caratteristiche prodotto

- Rilevamento di presenza tramite elemento passivo IR
- Detection height up to 4 meter
- Suitable for up to 8 DALI-2 LED drivers (Part - 207) in broadcast mode

Vantaggi prodotto

- Ambient light dependent control and presence detection
- Shutter included to optimize sensor detection
- Simplified mounting for flush device boxes
- Large motion detection range

Aree applicative

- Uffici singoli
- Sale riunioni
- Aule scolastiche
- Scale
- Impianti igienici



Scheda prodotto

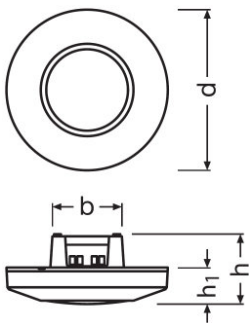
Dati tecnici

Dati elettrici

Tensione nominale	220...240 V
Frequenza di rete	50...60 Hz
Radio frequency	2.4 GHz
Maximum TX power	+4 dBm ¹⁾
Wireless protocol	Qualified Bluetooth mesh enabled by Silvair
Wireless range	10 m line of sight
Guaranteed supply current (DALI)	16 mA
Maximum supply current (DALI)	250 mA
Potenza di sistema	100 W
Standby power [AGGR]	< 0.5 W
Average input current	14 mA

¹⁾ 2.512 mW

Dimensioni e peso



Diametro	1050 mm
Distanza tra fori di fissaggio-diagonale	68...80 mm
Altezza	450 mm
Peso prodotto	18258 g
Sezione dei cavi, lato ingresso	1,0...2,5 mm ²
Spellatura dei cavi in ingresso	6...8 mm
Spellatura dei cavi in uscita	6...8 mm
Sezione dei cavi, lato uscita	1,0...2,5 mm ²
Lunghezza	1100 mm

Colori e materiali

Colore del prodotto	Bianco
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Temperature e condizioni di utilizzo

Temperatura ambiente	0...+50 °C
Umidità relativa	0...90 %
Temperatura di stoccaggio	-20...70 °C
Permitted relative humidity at storage	0...90 %
Temperatura massima nel punto di prova T	75 °C

Durata

Durata	50000 h ¹⁾
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¹⁾ At T_C max

Caratteristiche

Control interface	qualified Bluetooth mesh
Numero di uscite di controllo	1 ¹⁾
Number of connected drivers	8
Tipo di sensore	Daylight / PIR
Area di lavoro del sensore luminoso	10...1500 lx
Detection angle (Light sensor)	+/- 30°
Detection angle (PIR)	+/- 55°
Massima altezza di installazione	4 m
Dimmerabile	Sì
Compatibility	Works with OSRAM HubSense
Status Indicator	Blue: Network status ²⁾
Control output	DALI-2
Angolo di rilevamento	90 °
Reset	Manual
Interfaccia per la regolazione	DALI-2
Tipo di installazione	Motaggio a soffitto
Number of supported push buttons	4

¹⁾ DALI-2 LED Driver (Part-207), broadcast

²⁾ see additional product information

Certificati, Norme, Direttive

Marchi di approvazione	CE / ioXT / PSA
Norme	Secondo EN 55015 / Secondo EN 61347-2-11 / Secondo EN 61547 / Secondo EN 62479 / Secondo ETSI EN 300 328 / Secondo ETSI EN 301 489-17 / Secondo ETSI EN 301 489 - 1 / Acc. to EN 61347-2-1 / IEC 62386-101 / IEC 62386-103 / EN 62493
Grado di protezione	IP20

Dati logistici

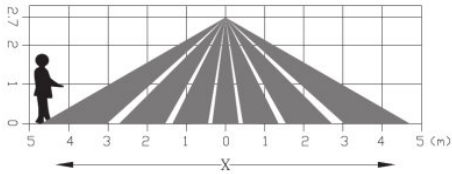
Codice prodotto di base	85371098990
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Environmental information

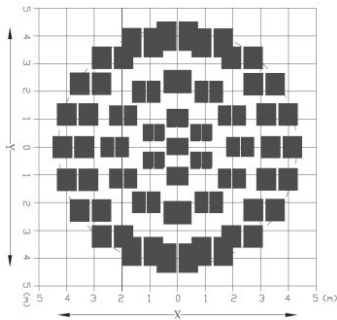
Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	30-06-2023
Primary Article Identifier	4062172161145
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	65741eb3-482b-4631-ab84-d43ec72c9b9c

Apparecchiatura / Accessori

- Surface and recessed ceiling integration via QBM 220-240 LS/PD CM KIT

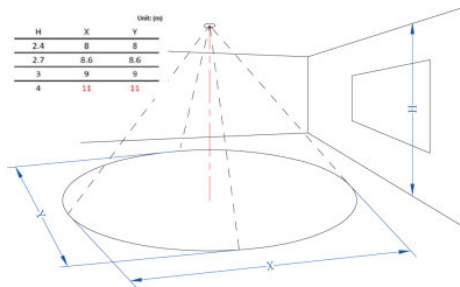


Detection patter X direction QBM 220240 LSPD

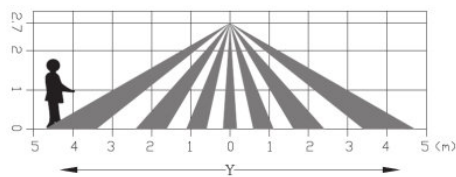


Detection pattern height QBM 220240 LSPD

Scheda prodotto



Detection area vs height QBM 220240 LSPD CI



Detection pattern Y direction QBM 220 240 LSPD CI

Testo delle specifiche

- This device is not allowed to be connected with other DALI Bus power supplies on the same line.
- The maximal total wire length to all connected push buttons must not exceed 10 m.
- By integrating the device into a casing the wireless range could be affected, in particular by metal surfaces. Therefore, the wireless range needs to be verified after integration.
- The device could be reset to factory default by pressing the reset button for longer than 10 sec.
- If the device is not connected to a network, it will take approximately 30 seconds for it to appear as an available device after it is powered on.
- The status LED of the device indicates the following network status. Fast blinking: Not connected to a network. Slow blinking: Connected to a network.
- The device has passed successfully the SILVAIR Testing process.
- The device can be put into operation using the OSRAM HubSense Commissioning Tool (<https://platform.hubsense.eu>), subject to prior acceptance of the Terms of Use and the Privacy Policy.
- OSRAM may terminate or suspend the use of the HubSense Commissioning Tool at any time and for any or no reason in its sole discretion, even if access and use is continued to be allowed to others.
- The device complies with Bluetooth mesh Standard v1.0. It can also be used in 3rd party Bluetooth mesh network, that complies with this standard and that supports the mesh models of this device, and with certain 3rd party commissioning tools, that support the mesh models of this device. In order to ensure correct interoperability a verification with the 3rd party network components and the 3rd party commissioning tool is necessary in advance. Please contact OSRAM (support@hubsense.eu) to receive the actual list of supported models for this device.
- OSRAM shall have no liability for any 3rd party commissioning tool and does not make any representations, express or implied, about the availability and/or performance of such commissioning tool.
- OSRAM shall have no liability for and does not make any representations, express or implied, about the connectivity of OSRAM QBM products with any other products, that have passed the SILVAIR Testing process.

Download dati

File	
	User instruction QBM 220-240
	Dichiarazioni di conformità QBM 220 240 LS PD HB CI CE 4256868 03 160823

Scheda prodotto

	Dichiarazioni di conformità QBM 220 240 LS PD HB CI UK DoC 4283210 01 180923
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Dati logistici

Codice prodotto	Descrizione del prodotto	Unità di imballo (Pezzi/unità)	Dimensioni (lunghezza x profondità x altezza)	Volume	Peso lordo
4062172161145	QBM 220-240 LS/PD CI	Cartone di spedizione 24	525 mm x 390 mm x 215 mm	44.02 dm ³	6594.00 g

1)☒ codice prodotto indicato descrive la minore quantità che può essere ordinata. Una unità di spedizione può contenere uno o più di un singolo prodotto. Quando si inserisce un ordine, per la quantità inserire una o più unità di spedizione.

Clausola

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.