

QBM D4i LS/PD HB R

Qualified Bluetooth mesh D4i Module | Sistemi di gestione dell'illuminazione



Caratteristiche prodotto

- With/without Daylight and Occupancy Sensor DEXAL Module
- Control of DEXAL drivers or DALI drivers with additional DALI bus power supply

Vantaggi prodotto

- Secured product communication granted by ioXT and PSA Certificates

Aree applicative

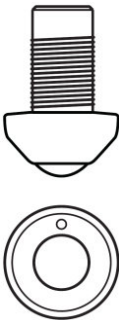
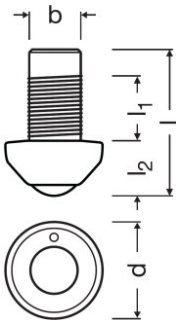
- Uffici singoli
- Sale riunioni
- Aule scolastiche
- Scale
- Toilette

Dati tecnici

Dati elettrici

Tensione continua (cc)	12...22.5 V
Peak input current	30 mA
Average input current	10 mA
Radio frequency	2.4 GHz
Maximum TX power	+4 dBm
Wireless protocol	Qualified Bluetooth mesh enabled by Silvair
Wireless range	12 m line of sight
Potenza di sistema	0,30 W
Standby power [AGGR]	< 150 mW
Screw thread length	25 mm
Required DALI current (typical)	10 mA
Peak DALI current	30 mA
Maximum start-up time (DALI)	-

Dimensioni e peso



Lunghezza	43,5 mm
Diametro	37,0 mm
Mounting hole diameter	22.2...23.2 mm
Peso prodotto	18,20 g
Spellatura dei cavi in ingresso	7...9 mm
Sezione dei cavi, lato uscita	-
Sezione dei cavi, lato ingresso	0.25...0.75 mm ²
Maximum allowed cable length	10
Screw thread length	25 mm

Temperature e condizioni di utilizzo

Scheda prodotto

Temperatura di funzionamento	-
Temperatura ambiente	-20...+50 °C
Umidità relativa	0...90 %
Temperatura di stoccaggio	0...70 °C
Permitted relative humidity at storage	0...95 %
Temperatura massima nel punto di prova T	60 °C

Durata

Durata	50000 h
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Caratteristiche

Control output	D4i
Number of connected drivers	4
Dimmerabile	Si
Tipo di sensore	Daylight / PIR
Area di lavoro del sensore luminoso	<1000 lx
Angolo di rilevamento	90 °
Massima altezza di installazione	-
Compatibility	Works with OSRAM HubSense / Works with OSRAM DEXAL
Status Indicator	Blue: network Status / Red: Motion detected
Reset	Magnetic ¹⁾
Numero di uscite di controllo	-
Interfaccia per la regolazione	D4i
Tipo di installazione	Luminaire integration
Control interface	qualified Bluetooth mesh
Detection angle (Light sensor)	+/- 15°
Detection angle (PIR)	+/-60°

¹⁾ by magnet

Certificati, Norme, Direttive

Marchi di approvazione	CE / ioXT / PSA
Grado di protezione	IP65

Dati logistici

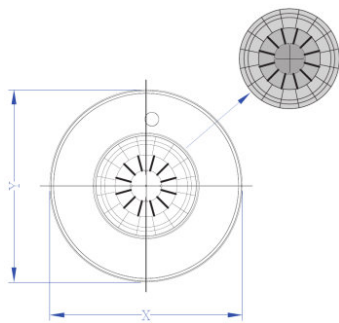
Codice prodotto di base	90314990000
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Environmental information

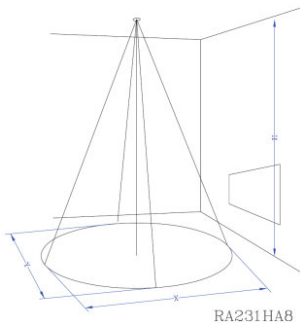
Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

Scheda prodotto

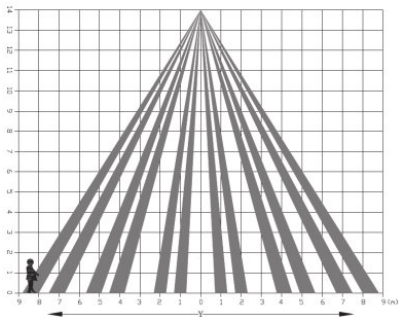
Date of Declaration	05-12-2023
Primary Article Identifier	4052899627178
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	a300203b-99f6-421f-995e-77119a1adad2



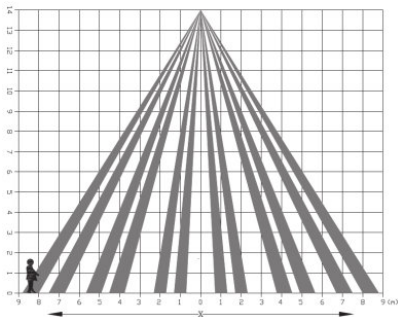
QBM D4I LS PD HB R Detection Pattern 4



QBM D4I LS PD HB R Detection Pattern 3

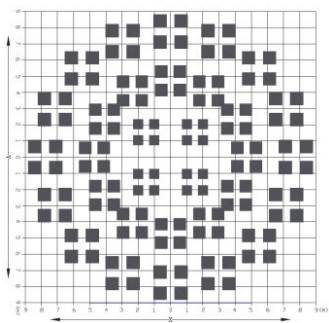


QBM D4I LS PD HB R Detection Pattern 2

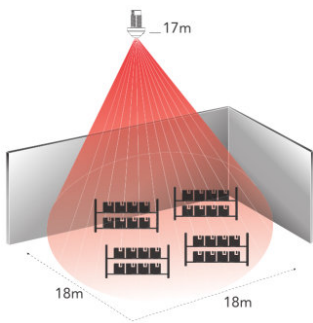


QBM D4I LS PD HB R Detection Pattern 1

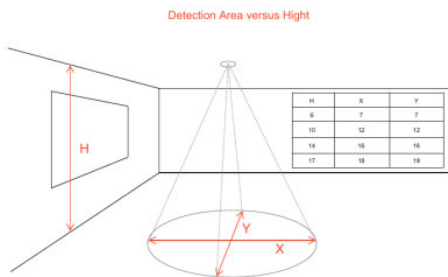
Scheda prodotto



QBM D4i LS PD HB R Detection_Pattern



210722 RA231HA8 detection



210722 RA231HA8 Detection Pattern

Scheda prodotto

Testo delle specifiche

- 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 placing a strong Neodym magnet (e.g. N35, d=6.35 mm x h=1.59 mm) near the corner of the bezel for 5 seconds.
- The status LED of the device indicates following Network status. Fast blinking (Blue): Not connected to a network, Slow blinking (Blue); Connected to a network, Blink twice (Blue): Mesh package received, Long blink (Blue) Factory reset, Blink one (Red): Motion detected
- 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 D4i LS PD HB R
	User instruction QBM D4i LS PD R Qualified Bluetooth Mesh Presence Daylight Sensor LENS SHIELDS

Dati logistici

Codice prodotto	Descrizione del prodotto	Unità di imballo (Pezzi/unità)	Dimensioni (lunghezza x profondità x altezza)	Volume	Peso lordo
4052899627178	QBM D4i LS/PD HB R	Cartone di spedizione 50	330 mm x 287 mm x 195 mm	18.47 dm³	1530.00 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.