

QBM D4i LS/PD HB R

Qualified Bluetooth mesh D4i Module | Ljusstyrningssystem



Produktegenskaper

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

Produktfördelar

- Secured product communication granted by ioXT and PSA Certificates

Användningsområde

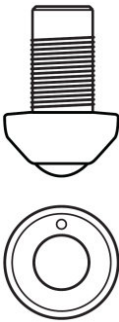
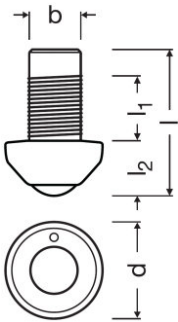
- Individuella kontor
- Konferensrum
- Klassrum
- Trapphus
- Toaletter

Tekniska data

Elektriska data

Inspänning DC	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
Systemeffekt	030 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)	-

Mått



Längd	435 mm
Diameter	370 mm
Mounting hole diameter	22.2...23.2 mm
produktvikt	1820 g
Avisoleringslängd på primärsidan	7...9 mm
Ledningsarea utgångsida	-
Ledningsarea ingångsida	0.25...0.75 mm ²
Maximum allowed cable length	10
Screw thread length	25 mm

Temperaturer och driftsförhållanden

Produktdatablad

Temperaturområde vid Tc punkten	-
Omgivningstemperaturområde	-20...+50 °C
Tillåten rel. luftfuktighet under drift	0...90 %
Förvaringstemperatur	0...70 °C
Tillåten relativ fuktighet vid lagring	0...95 %
Maximal temperatur vid tc testpunkt	60 °C

Livslängder

Livslängd	50000 h
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Användningsområden

Control output	D4i
Number of connected drivers	4
Ljusreglerbar	Ja
Sensortyp	Daylight / PIR
Arbetsområde ljussensor	<1000 lx
Detekteringsvinkel	90 °
Maximal installationshöjd	-
Compatibility	Works with OSRAM HubSense / Works with OSRAM DEXAL
Status Indicator	Blue: network Status / Red: Motion detected
Reset	Magnetic ¹⁾
Antal styrutgångar	-
Dimmer gränssnitt	D4i
Typ av installation	Luminaire integration
Control interface	qualified Bluetooth mesh
Detection angle (Light sensor)	+/- 15°
Detection angle (PIR)	+/-60°

¹⁾ by magnet

Certifikat och Standarder

Godkännandemärkning	CE / ioXT / PSA
Skyddstyp	IP65

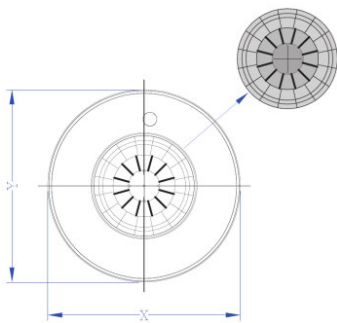
Logistikdata

Statistiskt varunummer	90314990000
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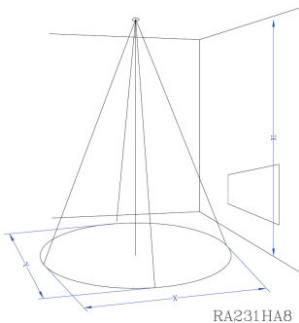
Environmental information

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

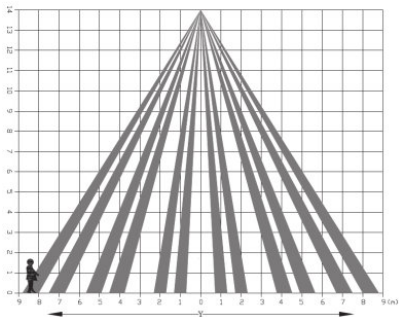
Date of Declaration	05-12-2023
Primary Article Identifier	4052899627178
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	a300203b-99f6-421f-995e-77119a1adad2



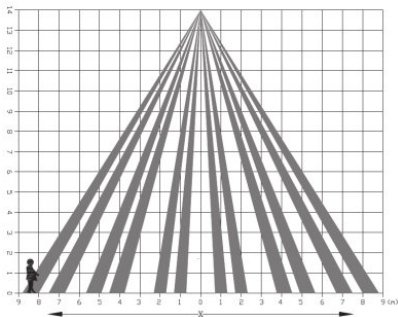
QBM D4i LS PD HB R Detection Pattern 4



QBM D4i LS PD HB R Detection Pattern 3

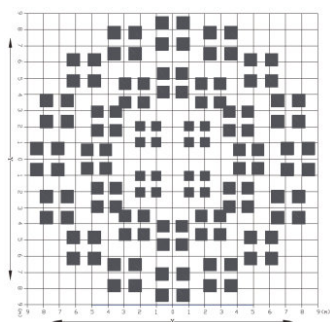


QBM D4i LS PD HB R Detection Pattern 2

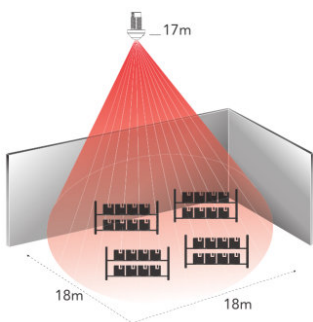


QBM D4i LS PD HB R Detection Pattern 1

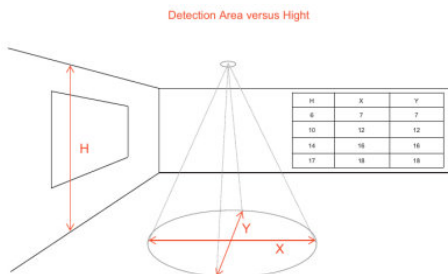
Produktdatablad



QBM D4i LS PD HB R Detection_Pattern



210722 RA231HA8 detection



210722 RA231HA8 Detection Pattern

Databladstext

- 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

Dokument	
	User instruction QBM D4i LS PD HB R
	User instruction QBM D4i LS PD R Qualified Bluetooth Mesh Presence Daylight Sensor LENS SHIELDS

Logistiska data

Produktnummer	Produktbeskrivning	Förpackningsenhet (Styck/Enhet)	Dimensioner (längd x bredd x höjd)	Volym	Bruttovikt
4052899627178	QBM D4i LS/PD HB R	Transportförpackning 50	330 mm x 287 mm x 195 mm	18.47 dm ³	1530.00 g

Produktkoden gäller minsta tillåtna beställningskvantitet. En transportförpackning kan innehålla en eller flera produkter. Vid orderläggning, vänligen ange en eller flera transportförpackningar.

Friskrivningsklausul

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