

QBM 220-240 LS/PD HB

QBM 220-240 LS/PD HB | Sensor de presencia y luz diurna red Bluetooth cualificada (Highbay)



Características del producto

- Identificación de presencia mediante elemento IR pasivo
- Detection height up to 14 meter
- Suitable for up to 8 DALI-2 LED drivers (Part - 207) in broadcast mode

Beneficios del producto

- Ambient light dependent control and presence detection
- Shutter included to optimize sensor detection
- Simplified mounting for flush device boxes
- Motion detection height up to 14 m

Áreas de aplicación

- Entrance halls
- Industria
- Salas de producción



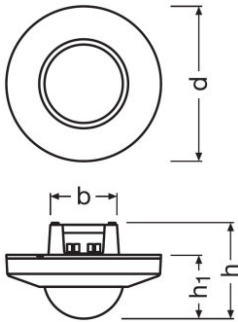
Datos técnicos

Datos eléctricos

Tensión nominal	220...240 V
Frecuencia de red	50...60 Hz
Radio frequency	2.4 GHz
Maximum TX power	+4 dBm ¹⁾
Wireless protocol	Qualified Bluetooth mesh enabled by Silvair
Wireless range	15 m line of sight
Guaranteed supply current (DALI)	16 mA
Maximum supply current (DALI)	250 mA
Potencia de sistema	100 W
Standby power [AGGR]	< 0.5 W
Average input current	14 mA

¹⁾ 2,512 mW

Dimensiones y peso



Diámetro	1050 mm
Espaciado del orifi. de mont., diagonal	68...80 mm
Alto	665 mm
Peso del producto	20822 g
Sección de cable, entrada	1,0...2,5 mm ²
Long aislamiento parte de la entrada	6...8 mm
Long aislamiento parte de la salida	6...8 mm
Sección de cable, salida	1,0...2,5 mm ²
Largo	1100 mm

Colores y materiales

Color del producto	Blanco
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Temp. y condiciones de funcionamiento

Margen de temperatura ambiente	-20...+50 °C
Humedad en el aire	0...90 %
Temperatura de almacenamiento	-20...70 °C
Humedad relativa permit. en almacenaje	0...90 %
Temp. máx. en el punto de prueba tc	75 °C

Duración de vida

Duración	50000 h ¹⁾
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¹⁾ At T_C max

Capacidades

Control interface	qualified Bluetooth mesh
Número de salidas de control	1 ¹⁾
Number of connected drivers	8
Tipo de sensor	Daylight / PIR
Area de trabajo del sensor de luz	10...1500 lx
Detection angle (Light sensor)	+/- 30°
Detection angle (PIR)	+/- 55°
Altura máxima de instalación	14 m
Regulable	Sí
Compatibility	Works with OSRAM HubSense
Status Indicator	Blue: Network status ²⁾
Interfaz DIM	DALI-2
Control output	DALI-2
Ángulo de detección	40 °
Reset	Manual
Tipo de montaje	Montaje/Techo
Number of supported push buttons	4

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

²⁾ see additional product information

Certificados & Normas

Símbolos de homologación	CE / ioXT / PSA
Normas	Según EN 55015 / Según EN 61347-2-11 / Según EN 61547 / Según EN 62479 / Según ETSI EN 300 328 / Según ETSI EN 301 489-17 / Según ETSI EN 301 489 - 1 / Acc. to EN 61347-2-1 / IEC 62386-101 / IEC 62386-103 / EN 62493
Tipo de protección	IP20 ¹⁾

Hoja de datos de producto

1) with surface mount box IP54

Datos logísticos

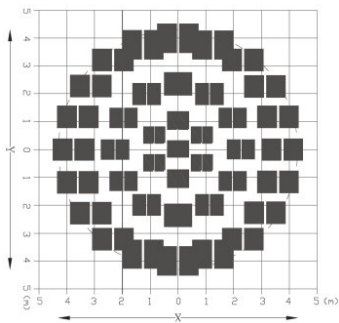
Número estadístico de material	85371098990
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Environmental information

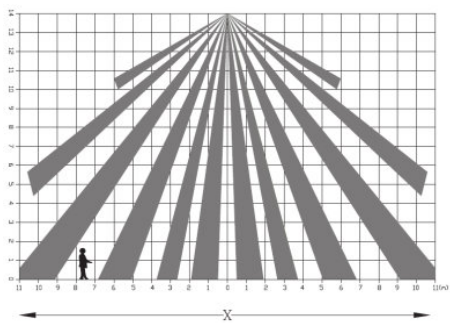
Information according Art. 33 of EU Regulation (EC) 1907/2006 (RECh)	
Date of Declaration	23-06-2023
Primary Article Identifier	4062172161169
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	69a379e2-b491-4adc-8ba1-e556769a2805

Equipamiento / Accesorios

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

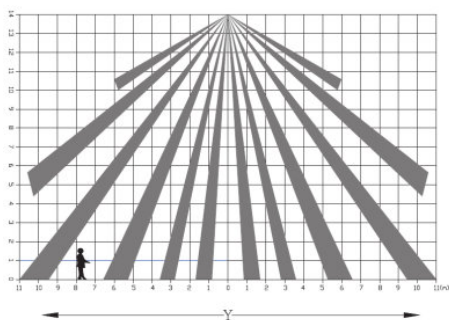


Detection pattern height QBM 220240 LSPD

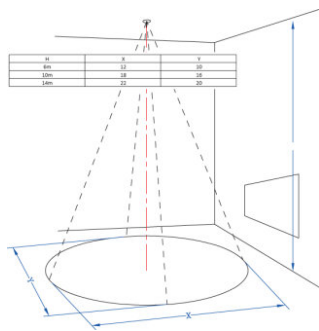


Detection pattern X direction QBM 220 240 LS PD HB CI

Hoja de datos de producto



Detection pattern Y direction QBM 220 240 LS PD HB CI



Detection area vs height QBM 220 240 LS PD HB CI

Texto de la hoja técnica

- 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.

Descarga datos

Fichero	
	User instruction QBM 220-240

Hoja de datos de producto

	Declaración de conformidad QBM 220 240 LS PD HB CI CE 4256868 03 160823
	Declaración de conformidad QBM 220 240 LS PD HB CI UK DoC 4283210 01 180923

Logistical Data

Código del producto	Descripción del producto	Unidad de embalaje (Piezas/unidad)	Dimensiones (largo x ancho x alto)	Volúmen	Peso bruto
4062172161169	QBM 220-240 LS/PD HB	Embalaje de envío 24	525 mm x 390 mm x 215 mm	44.02 dm ³	7209.00 g

El código del producto mencionado describe la unidad más pequeña de la cantidad que se puede pedir. Una unidad de envío puede contener uno o más productos individuales. Al cursar un pedido, introduzca la cantidad de la unidad de envío o su múltiple.

Aviso

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