

# PRODUCT DATASHEET

## VIVARES ZB O SENS 220-240

VIVARES ZB O SENS 220-240 | Zigbee 3.0 presence sensor, ceiling integration



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### Areas of application

- Offices
- Corridors
- Classrooms
- Training rooms
- Stairways
- Sanitary areas

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### Product benefits

- Works together with VIVARES ZB Control & Components
- Easy installation and no control wires needed
- 5 years guarantee

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### Product features

- Wireless Zigbee 3.0 presence sensor for ceiling integration
- Perfect fit for office application
- AC mains powered 220-240 V
- Presence detection via passive IR element
- Mounting height: 2...5 m

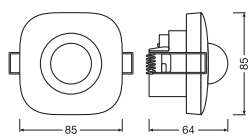


TECHNICAL DATA

Electrical data

|                        |             |
|------------------------|-------------|
| Nominal wattage        | 1.84 W      |
| Nominal voltage        | 220...240 V |
| Mains frequency        | 50...60 Hz  |
| Surge capability (L-N) | 2 kV        |

Dimensions & Weight



|                |          |
|----------------|----------|
| Length         | 85.00 mm |
| Width          | 85.00 mm |
| Height         | 64.00 mm |
| Product weight | 120.00 g |

Colors & materials

|                |                    |
|----------------|--------------------|
| Product color  | White              |
| Cover material | Polycarbonate (PC) |

Temperatures & operating conditions

|                                          |                            |
|------------------------------------------|----------------------------|
| Ambient temperature range                | -20...+50 °C <sup>1)</sup> |
| Temperature range in operation           | +10...+35 °C               |
| Permitted rel. humidity during operation | 10...85 %                  |

<sup>1)</sup> Max. temperature range only valid for component safety

Capabilities

|                             |            |
|-----------------------------|------------|
| Dimmable                    | No         |
| Dimming interface           | Zigbee 3.0 |
| Maximum installation height | 5 m        |
| Detection angle             | 90 °       |
| Type of installation        | Recessed   |

|                   |                    |
|-------------------|--------------------|
| Transmitter range | 10 m <sup>1)</sup> |
|-------------------|--------------------|

<sup>1)</sup> Applicable for indoor installation

### Certificates & Standards

|                           |                                                                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval marks – approval | CE / RED / RoHS                                                                                                                                          |
| Standards                 | Acc. to EN 60669-1 / Acc. to EN 60669-2-1 / Acc. to EN 60669-2-5 /<br>Acc. to EN 61000-3-2 / Acc. to EN 50663 / Acc. to EN 300328 / Acc.<br>to EN 301489 |
| Type of protection        | IP20                                                                                                                                                     |

### LOGISTICAL DATA

|                              |              |
|------------------------------|--------------|
| Temperature range at storage | -10...+65 °C |
|------------------------------|--------------|

### Accessories Optional

| Product image                                                                      | Product name            | EAN           |
|------------------------------------------------------------------------------------|-------------------------|---------------|
|  | VIVARES ZB SENS ADAPTER | 4058075650107 |

### DOWNLOAD DATA

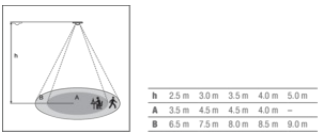
| Documents and certificates                                                         |                                        | Document name                             |
|------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------|
|  | User instruction / safety instructions | UI_VIVARES_ZB_SENSOR                      |
|  | User instruction / safety instructions | BIOLUX HCL CONTROL UNIT                   |
|  | Extended installation guide            | Quick Installation Guide Vivares Zigbee   |
|  | Legal information                      | Legal Insert VIVARES ZB_Sensor_PB_Coupler |
|  | Declarations of conformity             | VIVARES ZB SENSOR                         |
| Tender texts                                                                       |                                        | Document name                             |
|  | Tender documents                       | VIVARES ZB O SENS 220-240-EN              |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume    |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4058075544222 | Folding box<br>1             | 111 mm x 110 mm x 86 mm              | 167.00 g     | 1.05 dm³  |
| 4058075544239 | Shipping box<br>10           | 528 mm x 243 mm x 120 mm             | 2066.00 g    | 15.40 dm³ |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

ADDITIONAL CATALOG INFORMATION



DISCLAIMER

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