



## PD4-CAS2-GH DALI-2 Set 93478-92199

CASAMBI-compatible PIR motion detector with integrated DALI-2 bus power supply, 360° coverage, and a detection area of up to 30 x 19 m (440 m<sup>2</sup>) at a mounting height of 16 m, for high-bay warehouses

### Order data

Designation	Colour	Art.No
PD4-CAS2-GH DALI-2	white	93478
Wire basket BSK (Ø 200 x 90 mm)	white	92199

## Technical data

Voltage:	230 V AC ±10% 50 Hz
Dimensions:	<b>Ø 200 x 90 mm (92199)</b>
Settings:	Casambi App
Power consumption:	0.4 W
Detection area:	horizontal 360° oval (Ceiling mounting)
Range:	30 m x 19 m
Monitored area (tangential movement):	440 m <sup>2</sup> / 14 m mounting height
Mounting height min./max./recommended:	5 m / 16 m / 14 m
Degree / class of protection:	IP54 / Class II
Impact strength:	<b>IK09 (92199)</b>
Ambient temperature:	-5 °C to +45 °C
Housing:	<b>polycarbonate, UV-resistant + coated steel basket (92199)</b>
Material color:	white mat, similar to RAL9010

### Channel 1 (lighting control)

DALI output:	80 mA (guaranteed), 125 mA (max.), Shut-down mechanism
Supported control gear:	DT0, DT5, DT6, DT7, DT8
Supported control devices:	- (single master)
Follow-up time:	1 sec – 60 min
Brightness set value:	1 – 4000 Lux
Light measuring:	Mixed light measuring

## Product information

Set : PD4-CAS2-GH DALI-2 + Wire basket BSK (Ø 200 x 90 mm) white

Casambi occupancy detector for surface mounting in large mounting heights

Integrated DALI power supply

DALI-2 interface for controlling digital dimmable ECGs in broadcast mode

DALI-2 certified product

Integrated temperature monitoring and short-circuit detection

Bright LED indication for commissioning

External telescopic light sensor for a mounting height between 5 and 16 m (mechanically adjustable) for measuring the light according to the application.

Mixed light measurement with external light sensor

Adjustment of the reflection factor and input of the luminosity for the display of the actual luminosity in the app

Extension of the detection area with additional B.E.G. Casambi devices possible

Individual adaption of detection sensitivity for each PIR sensor

Detection area can be restricted with blinds

There are markings to ensure correct alignment during installation

**When used in high-bay warehouses, care should be taken that, in the cross-aisles of the warehouse, detectors are installed that can detect movement only in the desired aisle locations, by using blinds or other technical arrangements.**

Manual switching and dimming via push button possible

Functions adjustable via Casambi app

For further information

**<https://www.beg-luxomat.com/en/solutions/areas-of-application/great-mounting-heights/>**



# CASAMBI



## Set items

To receive the bundle according to the technical specification, please order the items listed.



**PD4-CAS2-GH DALI-2**  
Art.No: 93478

Voltage: 230 V AC  $\pm 10\%$  50 Hz  
Dimensions:  $\varnothing$  101 x 76 mm  
Settings: Casambi App



**Wire basket BSK ( $\varnothing$  200 x 90 mm)**  
Art.No: 92199

Dimensions:  $\varnothing$  200 x 90 mm  
Impact strength: IK09  
Housing: coated steel basket