B.E.G. LUXOMAT® net



PD4-DALI-SYS-GH-SM
Set 93345-92199

DALI-SYS PIR motion sensor with 360° coverage and a detection area of up to 30 x 19 m (440 m²) at a mounting height of 16 m, designed for high-bay warehouses and integration into DALI-SYS systems

Order data

Designation	Colour	Art.No
PD4-DALI-SYS-GH-SM	white	93345
Wire basket BSK (Ø 200 x 90 mm)	white	92199

Technical data

Voltage:	via DALI Bus, max. 22.5 V DC
Dimensions:	**Ø 200 x 90 mm (92199)**
Settings:	B.E.G. PC Tools, B.E.G. DALI-SYS router
Typ. power input:	7 mA
Detection area:	horizontal 360° oval (Ceiling mounting)
Range:	30 m x 19 m
Monitored area (tangential movement):	440 m² / 14 m mounting height
Mounting height min./max./recommended:	5 m / 16 m / 14 m
Degree / class of protection:	IP54 / Class II
Impact strength:	**IK09 (92199)**
Ambient temperature:	-25 °C to +50 °C
Housing:	**polycarbonate, UV-resistant + coated steel basket (92199)**
Material color:	white mat, similar to RAL9010
Follow-up time:	1 sec – 120 min
Orientation light:	5 – 100 % / 1 min – 120 min / ∞
Brightness set value:	10 – 2500 Lux

Product information

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

DALI multisensor for surface mounting in large mounting heights

Powered via DALI bus

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

Seemless integration in B.E.G. LUXOMAT®net DALI-SYS

Bright LED indication for commissioning

Detection area can be extended thanks to master-slave-mode

Integrated daylight harvesting circuit (or switch output)

Guided Light, Soft-Start PLUS, Orientation light PLUS

Works out-of-the box for easy installation check

Full range of functions can only be activated with other products of the product group B.E.G. LUXOMAT®net DALI-SYS

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.

For further information
https://www.beg-luxomat.com/en-au/solutions/areas-of-application/great-mounting-heights/

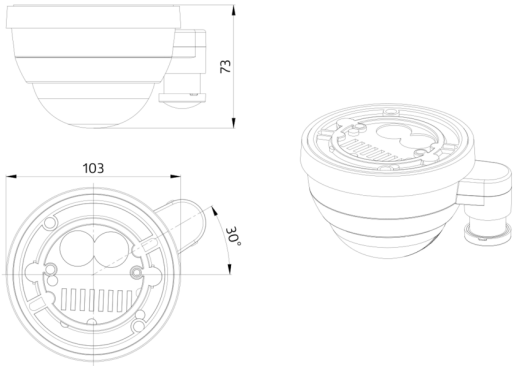
This article is a component of a lighting control system from B.E.G., which supports the use of DALI control gear (luminaires, relays) from other manufacturers

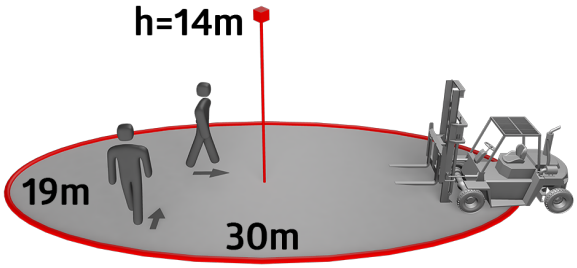
The use of DALI application controllers from other manufacturers is not supported

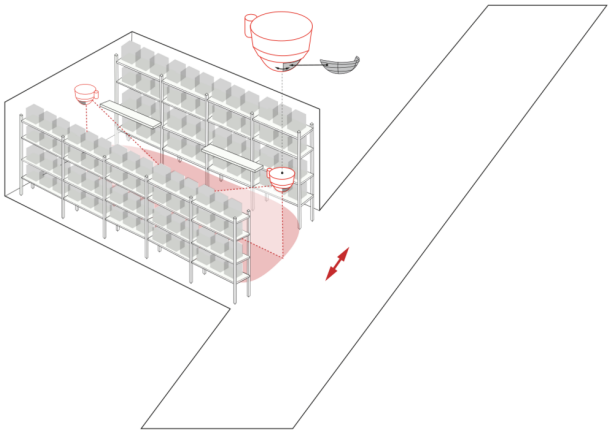
The use of DALI input devices (sensors, push-buttons) from other manufacturers is not supported

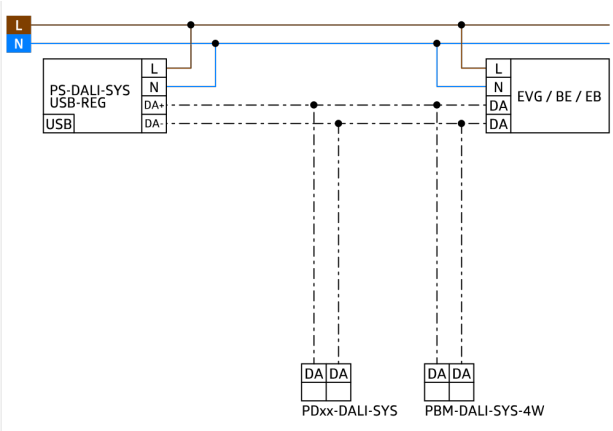
Additional system components (hardware) from B.E.G. are required

Additional services (planning, commissioning and maintenance) from B.E.G. are required


73
103
30°


h=14m
19m
30m




L
N
PS-DALI-SYS
USB-REG
USB
L
N
DA+
DA-
L
N
DA
DA
EVG / BE / EB
DA DA
PDxx-DALI-SYS
DA DA
PBM-DALI-SYS-4W

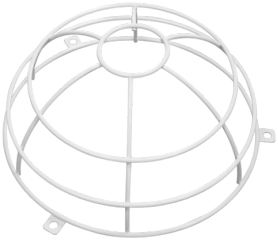
Set items

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



PD4-DALI-SYS-GH-SM
Art.No: 93345

Voltage: via DALI Bus, max. 22.5 V DC
Dimensions: Ø 101 x 76 mm
Settings: B.E.G. PC Tools, B.E.G. DALI-SYS router



Wire basket BSK (Ø 200 x 90 mm)
Art.No: 92199

Dimensions: Ø 200 x 90 mm
Impact strength: IK09
Housing: coated steel basket