B.E.G. LUXOMAT®



# PD4-M-HCL2-SM DALI-2 Set 93485-92386

DALI-2 HCL PIR motion detector with integrated DALI application controller, 360° detection, and a range of up to Ø24m (450 m²), Multimaster, with switching relay

## Order data

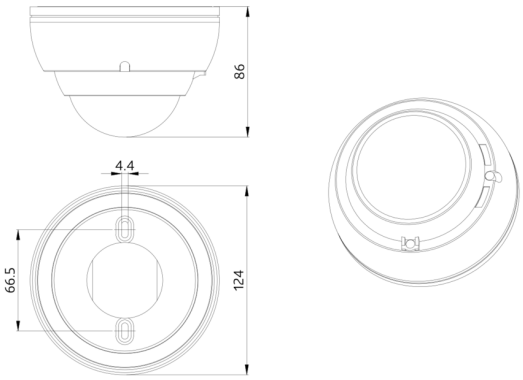
| Designation | Colour | Art.No |
|---|---|---|
| PD4-M-HCL2-SM DALI-2 | white | 93485 |
| Socket IP54 PD4-TRIO-SM | white | 92386 |

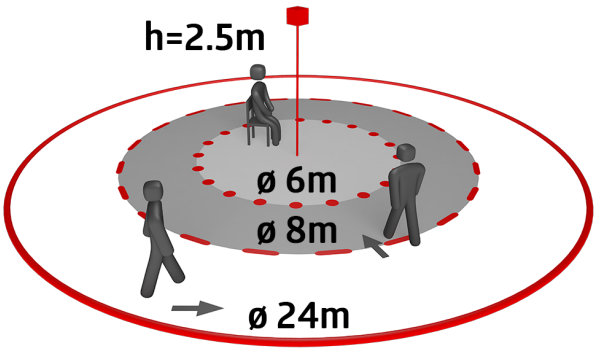
## Technical data

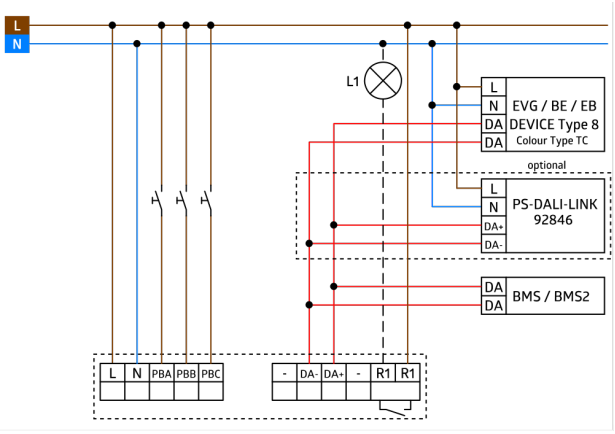
| | |
|---|---|
| Voltage: | 230 V AC ±10% 50 Hz |
| Dimensions: | Ø 124 x 85 mm |
| Power consumption: | approx. 2 W |
| Detection area: | horizontal 360° (Ceiling mounting) |
| Range: | max. Ø 24 m across<br>max. Ø 8 m towards<br>max. Ø 6.4 m seated |
| Monitored area (tangential movement): | 450 m² / 2.5 m mounting height |
| Mounting height min./max./recommended: | 2 m / 10 m / 2.5 m |
| Degree / class of protection: | **IP54 (92386)** |
| Impact strength: | IK04 |
| Ambient temperature: | -25 °C to +50 °C |
| Housing: | polycarbonate, UV-resistant |
| Material color: | white, similar to RAL9010 |
| **DALI Control** | |
| DALI output: | 100 mA (guaranteed), 120 mA (max.) |
| Supported control gear: | DT5, DT6, DT7, DT8-Tc (HCL only possible with DT8-Tc, 2700 - 6500 K) |
| Supported control devices: | B.E.G. BMS (motion detection) |
| Follow-up time: | 1 min – 150 min |
| Orientation light: | 5 – 100 % / OFF / 1 min – 255 min / ∞ |
| Brightness set value: | 10 – 2500 Lux |
| **Relay (dry NO)** | |
| Switching power: | 2300 W, cos φ = 1<br>1150 VA, cos φ = 0.5<br>800 W LED<br>max. inrush current Ip (20 ms) = 165 A, Ip (200 µs) = 800 A |
| Type of contact: | 1x µ-contact, NO contact |
| Follow-up time: | 5 sec – 120 min (HVAC) |

## Product information

Set : PD4-M-HCL2-SM DALI-2 + Socket IP54 PD4-TRIO-SM white


86
4.4
66.5
124


h=2.5m
ø 6m
ø 8m
ø 24m


L
N
L1
L
N
DA
DA
EVG / BE / EB
DEVICE Type 8
Colour Type TC
optional
L
N
DA+
DA-
PS-DALI-LINK
92846
DA
DA
BMS / BMS2
L
N
PBA
PBB
PBC
-
DA-
DA+
-
R1
R1

## Set items

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



**PD4-M-HCL2-SM DALI-2**
Art.No: 93485

Voltage: 230 V AC ±10% 50 Hz
Dimensions: Ø 124 x 85 mm
Power consumption: approx. 2 W



**Socket IP54 PD4-TRIO-SM**
Art.No: 92386

Degree / class of protection: IP54
Housing: polycarbonate, UV-resistant
Material color: white