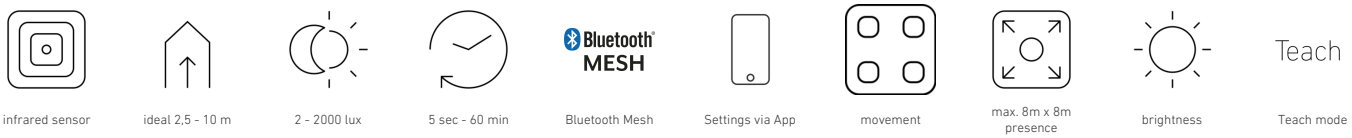
Presence detector - Professional Line

# LuxMaster IR Quattro HD-2 24m

DALI-2 APC - surface
EAN 4007841 064365
Article number 064365






infrared sensor | ideal 2,5 - 10 m | 2 - 2000 lux | 5 sec - 60 min | Bluetooth Mesh | Settings via App | movement | max. 8m x 8m presence | brightness | Teach mode

## Function description

Designed for the most sensitive detection in the largest detection area among our infrared presence detectors. Ideal for open-plan offices or classrooms. The LuxMaster IR Quattro HD-2 with 360° detection and 5,200 switching zones. Wireless adjustment and networking via Bluetooth. Pyro sensors individually controllable. Maximum installation height 10 m. Range: 81 $m^2$ (radial), 576 $m^2$ (tangential). The LuxMaster can control up to 64 participants in a maximum of 4 groups. Selectable operating modes: broadcast, fully and semi-automatic, light sensor mode or night-time economy mode. Time-based control with time- and day-dependent light profiles is also possible. Plug & play factory settings, scenes in Bluetooth with selection of operating mode, temporary scenes via DALI button, constant light control, basic and main light as well as range limitation adjustable. An additional button interface and DALI-2 IPD or BT IPD sensors for range extension are available.

## Technical specifications

| | |
|---|---|
| Dimensions (L x W x H) | 64 x 123 x 123 mm |
| Manufacturer's Warranty | 5 years |
| Settings via | Bluetooth |
| With remote control | No |
| Version | DALI-2 APC - surface |
| PU1, EAN | 4007841064365 |
| Type | Presence detector |
| Application, place | Indoors |
| Application, room | lecture hall, classroom, open-plan office, high-bay warehouse, production facilities, conference room / meeting room, duty room, recreation room, changing room, reception / lobby, sports hall, multi-storey / underground car park, dining hall / staff restaurant, Indoors |
| Colour | white |

| | |
|---|---|
| Mounting height | 2,50 – 10,00 m |
| Mounting height max. | 10,00 m |
| Optimum mounting height | 2,8 m |
| Detection angle | 360 ° |
| Angle of aperture | 360 ° |
| Sneak-by guard | Yes |
| Capability of masking out individual segments | Yes |
| Electronic scalability | Yes |
| Mechanical scalability | Yes |
| Reach, radial | 9 x 9 m (81 $m^2$) |
| Reach, tangential | 24 x 24 m (576 $m^2$) |
| Reach, presence | 9 x 9 m (81 $m^2$) |
| Switching zones | 5200 switching zones |

Presence detector - Professional Line

# LuxMaster IR Quattro HD-2 24m

DALI-2 APC - surface
EAN 4007841 064365
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## Technical specifications

| | |
|---|---|
| Colour, RAL | 9003 |
| Includes corner wall mount | No |
| Installation site | ceiling |
| Installation | Surface wiring, Ceiling |
| IP-rating | IP54 |
| Ambient temperature | from -20 up to 50 °C |
| Material | Plastic |
| Mains power supply | 220 – 240 V / 50 – 60 Hz |
| Power consumption | 0,3 W |
| Power supply, detail | max. 64 users |
| Number of Dali users | 64 |
| Control output, Dali | Addressable / broadcast 64 electronic ballasts |
| Technology, sensors | Mixed light metering, passive infrared |
| Voltage range (min) | 220 V |
| Voltage range (max) | 240 V |

| | |
|---|---|
| Functions | Selecting programmed lighting scenarios, Semi-/fully automatic, Constant-lighting control ON-OFF, Lighting scenario, Manual ON / ON-OFF, Neighbouring group function, Normal / test mode, TouchDIM function |
| Twilight setting | 2 – 2000 lx |
| Time setting | 5 s – 30 Min. |
| Basic light level function | Yes |
| Basic light level function time | 1-60 min, all night |
| Main light adjustable | 10 - 100 % |
| Twilight setting TEACH | Yes |
| Constant-lighting control | Yes |
| Interconnection | Yes |
| Interconnection via | Bluetooth, DALI bus |
| Product category | Presence detector |

## Optional system components

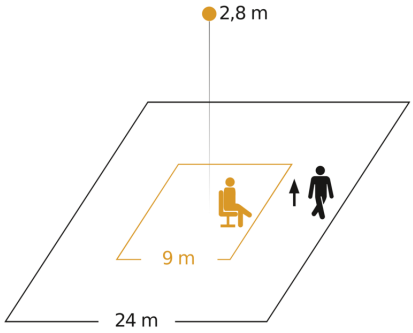
| | |
|---|---|
| EAN 4007841 084653 | Wireless push button PB2-Bluetooth |
| EAN 4007841 084660 | Wireless push button PB4-Bluetooth |
| EAN 4007841 067342 | PC4 Bluetooth push-button coupler |
| EAN 4007841 082123 | Pushbutton coupler PC4-DALI-2 white |
| EAN 4007841 067335 | Relay REL5A-Bluetooth |
| EAN 4007841 082109 | Relais REL5A-DALI-2 |

Presence detector - Professional Line

# LuxMaster IR Quattro HD-2 24m

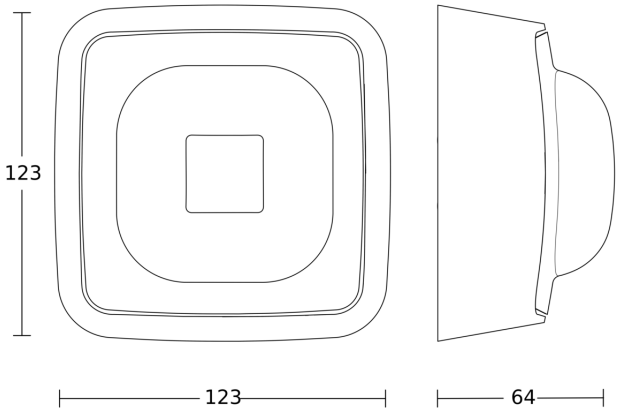
DALI-2 APC - surface
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Article number 064365

## Detection Zone

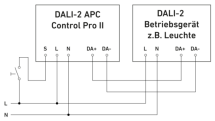



Possible mounting height: 2,50 m – 10,00 m
Orange: presence
Black: tangential

## Dimension Drawing




## Master circuit diagram




## Master/slave interconnection circuit diagram

