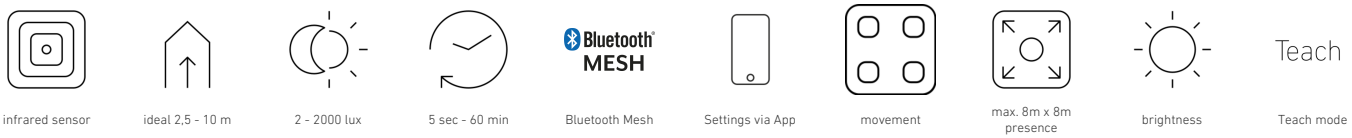
Presence detector - Professional Line

LuxMaster IR Quattro HD-2 24m

DALI-2 APC - concealed
EAN 4007841 064358
Article number 064358



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)	69 x 103 x 103 mm
Manufacturer's Warranty	5 years
Settings via	Bluetooth
With remote control	No
Version	DALI-2 APC - concealed
PU1, EAN	4007841064358
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 - concealed
EAN 4007841 064358
Article number 064358

Technical specifications

Colour, RAL	9003
Includes corner wall mount	No
Installation site	ceiling
Installation	Concealed wiring, Ceiling
IP-rating	IP20
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

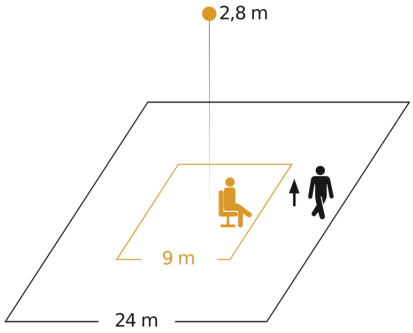
EAN 4007841 084653	Wireless push button PB2-Bluetooth
EAN 4007841 084660	Wireless push button PB4-Bluetooth
EAN 4007841 067342	PC4 Bluetooth push-button coupler
EAN 4007841 082123	Pushbutton coupler PC4-DALI-2 white
EAN 4007841 067335	Relay REL5A-Bluetooth
EAN 4007841 082109	Relais REL5A-DALI-2

Presence detector - Professional Line

LuxMaster IR Quattro HD-2 24m

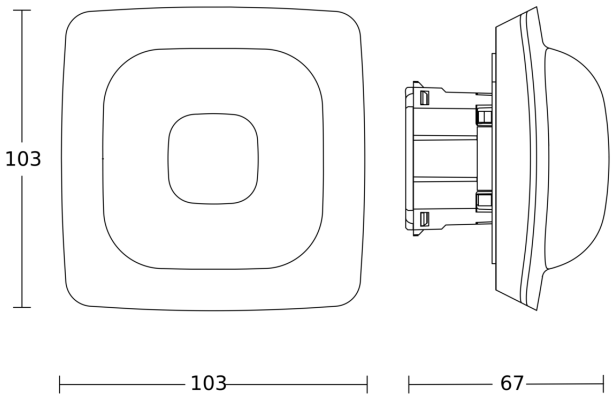
DALI-2 APC - concealed
EAN 4007841 064358
Article number 064358

Detection Zone

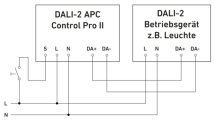


Possible mounting height: 2,50 m – 10,00 m
Orange: presence
Black: tangential

Dimension Drawing



Master circuit diagram



Master/slave interconnection circuit diagram

