

# 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

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<sup>2</sup> (radial), 576 m<sup>2</sup> (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 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 <sup>2</sup> )
Reach, tangential	24 x 24 m (576 m <sup>2</sup> )
Reach, presence	9 x 9 m (81 m <sup>2</sup> )
Switching zones	5200 switching zones
Functions	Selecting programmed lighting scenarios, Semi-/fully automatic, Constant-lighting control ON-OFF,

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Colour, RAL	9003	Lighting scenario, Manual ON / ON-OFF, Neighbouring group function, Normal / test mode, TouchDIM function	
Includes corner wall mount	No		
Installation site	ceiling		
Installation	Concealed wiring, Ceiling		
IP-rating	IP20	Twilight setting	2 – 2000 lx
Ambient temperature	from -20 up to 50 °C	Time setting	5 s – 30 Min.
Material	Plastic	Basic light level function	Yes
Mains power supply	220 – 240 V / 50 – 60 Hz	Basic light level function time	1-60 min, all night
Power consumption	0,3 W	Main light adjustable	10 - 100 %
Power supply, detail	max. 64 users	Twilight setting TEACH	Yes
Number of Dali users	64	Constant-lighting control	Yes
SteuerAusgang, Dali	Addressable / broadcast 64 electronic ballasts	Interconnection	Yes
Technology, sensors	Light sensor, passive infrared	Interconnection via	Bluetooth, DALI bus
Mounting height	2,50 – 10,00 m	Product category	Presence detector

## Optional system components

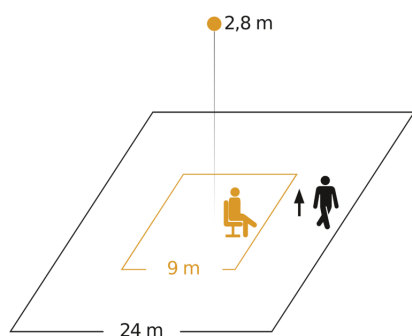
EAN 4007841 084653	Wireless push button PB2-Bluetooth
EAN 4007841 084660	Wireless push button PB4-Bluetooth
EAN 4007841 067342	PC4 Bluetooth push-button coupler
EAN 4007841 082123	Pushbutton coupler PC4-DALI-2
EAN 4007841 067335	Relay REL5A-Bluetooth
EAN 4007841 082109	Relais REL5A-DALI-2

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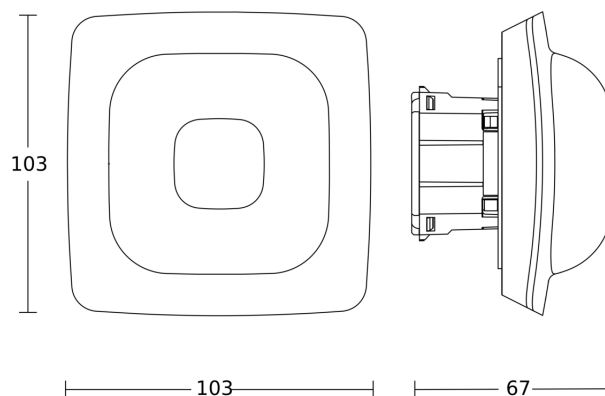


## Detection Zone

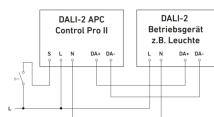


Possible mounting height: 2,50 m - 10,00 m  
Orange: presence  
Black: tangential

## Dimension Drawing



## Master circuit diagram



## Master/slave interconnection circuit diagram

