

Product sheet



LEGRAND

Mosaic PIR 360° lighting sensor 2x12m - IP41 - Ceiling mounting

REF. 048817 | EAN. 3245060488178

Stand-alone lighting sensors for corridor with natural lightCheck presence and natural light level continuously to optimize lighting controlCan be associated with push-button for manual control

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Description

Stand-alone lighting sensors for corridor with natural lightCheck presence and natural light level continuously to optimize lighting controlCan be associated with push-button for manual control

Product characteristics

- PIR lateral detection 24 m - range 2 x 12 m
- IP41
- switching control (3-wire with neutral)
- Standby consumption: 0.4 W
- Connection via automatic terminals

Recommendations / Restrictions

- Can be used with push-button Cat.No 0 770 40 for vacancy mode (manual switch-on and manual or automatic switch-off)
- Fix directly to a false ceiling with mounting claws (included) or installed in a Batibox box, depth 50 mm, Cat.No 0 893 58Can be surface-mounted in ceiling using accessory Cat.No 0 488 75

The product benefits

Installation

- Precise on-site adjustment using configuration tool Cat.No 0 882 40Fix directly to a false ceiling with mounting claws (included) or installed in a Batibox box, depth 50 mm, Cat.No 0 893 58Surface mounted on ceiling using accessory Cat.No 0 488 75

Usage

- Ideal for passage areas with natural light

Technical characteristics

Model	Movement sensor
Constant light control	Yes
HVAC-control	No
Forced switch off	No
Animal zone	No
Creep-under protection	Yes

Surface finishing	Glossy
Antimicrobial treatment	No
Colour	White
RAL-number (similar)	9003
Transparent	No
Degree of protection (IP)	IP20

Background monitoring	No
Networkable	No
Optimum mounting height	2.5 m
Staircase light controller	Yes
Bridging switch	Yes
Max. reach sideways	12 m
Max. reach frontally	3 m
Diameter reach on floor	24 m
Suitable for wireless transmission	No
Remote operation	Yes
Response value sensitivity adjustable	Yes
Response value luminosity adjustable	Yes
With signal unit	Yes
Teach-function for response value luminosity	No
Dim function with dimmer basic element	No
Mounting method	Flush-mounted
Material	Plastic
Material quality	Thermoplastic
Surface protection	Untreated

Voltage type	AC
Frequency (Min-Max)	50-60 Hz
Nominal voltage (Min-Max)	230-230 V
Min. switch-on time	5 s
Max. duty cycle	59 min
Detection angle horizontal (Min-Max)	0-360 °
Response value luminosity (Min-Max)	5-1275 lx
Max. switching power	2000 W
Max. starting current	8.5 A
Substation input	Yes
With alarm function	Yes
With acoustic sensor	No
Ambient temperature (Min-Max)	-5-45 °C
With connection cable	No
Connection cable length	0 mm
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
IFTTT support available	No

Documentation

TECHNICAL DOCUMENTATION

-  LE07602AA.pdf | PDF (9.21Mo)
-  S000072383FR_4.pdf | PDF (3.28Mo)
-  LE04871AB.pdf | PDF (1.51Mo)
-  S000072383EN_3.pdf | PDF (3.3Mo)

CAD & Design specs / BIM

-  Autocad Library | ZIP (0.85Mo)

Legrand_Gestion_eclairage_Detecteur_Presence_Plafond_autonome.rfa | RFA (3.23Mo)

Legrand_Lighting_Management_Standalone_Presence_Sensor_Ceiling.rfa | RFA (3.23Mo)

CATALOGUE PAGE & OTHERS

-  BR Lighting MGMT Sensors EXB13016.pdf | PDF (8.81Mo)

Agreements & Certificates

-  OC / CB-681064A | (1.18Mo)
-  LGRP-00389-V02.01-EN.pdf | PDF (0.63Mo)