Product Data Sheet



GREEN-I CP ELECTRONICS

CP Electronics Green-i High Bay Flush Mounted On/Off Lighting Control Sensor White

REF. GEHBFL-W | EAN. 5012774897668

> Link to e-catalog product sheet

Description

The GEHB is a reliable precise sensor for all high ceiling spaces up to 10m. Key features: - Presence detection and lux level sensing - auto on, auto off - Works with any type of lamp, including LED - Adjust time delay and lux settings via potentiometer or (optional) handset (GE-HS) - IP41 - Zero crossing - PIR (passive infrared), 360°

Technical characteristics

Model	Movement sensor
Movement sensor/presence detector technology	Passive infrared
Constant light control	Yes
HVAC-control	No
Animal zone	No
Creep-under protection	No
Background monitoring	No
Networkable	No
Scan angle	360 °
Optimum mounting height	10 m
Staircase light controller	No
Bridging switch	No
Max. presence range	314 m^2
Diameter reach on floor	20 m
Suitable for wireless transmission	No
Remote operation	Yes
Supplied remote control	No

degree of impact strength (IK)	IK04
Voltage type	AC
Frequency (Min-Max)	50-60 Hz
Nominal voltage (Min-Max)	100-240 V
Min. switch-on time	10 s
Max. duty cycle	30 min
Detection angle horizontal (Min-Max)	0-360 °
Response value luminosity (Min-Max)	5-2000 lx
Max. switching power	2000 W
Max. switching power LED	350 W
Suitable for C-load	Yes
Number of switching zones	1
Substation input	Yes
With alarm function	No
With acoustic sensor	No
Ambient temperature (Min-Max)	-5-30 °C
Width	108 mm

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
Suitable for ceiling mounting	Yes
Ceiling built-in mounting without installation box	Yes
Suitable for wall mounting	No
Connection type	Push-in clamp
Material	Plastic
Material quality	Thermoplastic
Halogen free	Yes
Surface protection	Untreated
Surface finishing	Matt
Antimicrobial treatment	No
Colour	White
RAL-number (similar)	9003
Transparent	No
Degree of protection (IP)	IP41

Height	82 mm
Depth	70 mm
Diameter	108 mm
Built-in depth	53 mm
Built-in diameter	67 mm
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
Compatible with Casambi	No
IFTTT support available	No
Operating / setting temperature (Min-Max)	-5-30 °C
Storage temperature (Min-Max)	-20-70 °C
Standby consumption	1.6 mA
Mandatory neutral	Yes
Terminal marking indication	Yes
Terminals capacity (Min-Max)	1.5-2.5 mm^2
Cable nature for connection	Flexible or rigid
Label space/information surface	No
Entry membrane gland type	Not applicable
Auto switch	Yes

Documents

Technical documentation

000000966_EN-02.pdf | PDF (5.13Mo)

LE17032AB.pdf | PDF (3.14Mo)

Agreements & certificates

LGRP-02214-V01.01-EN.pdf | PDF (0.83Mo)

OC / CB-SG PSB-IT-00484 | (0.37Mo)

CAD & design specs

Autocad 2018 | DWG (0.11Mo)