

Product Data Sheet



GREEN-I CP ELECTRONICS

CP Electronics Green-i DALI-2 Ceiling Surface Mounted Lighting Control Sensor White

REF. GESM-W-DD | EAN. 5012774892236

[> Link to e-catalog product sheet](#)

Description

The GESM-DD is a simple to install DALI-2 sensor suitable for all small projects where efficiency is key. 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) - Easily accessible settings at the front of the sensor via rotatable bezel - Zero crossing - PIR (passive infrared), 360°

Technical characteristics

Model	Presence detector
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	2.5 m
Staircase light controller	Yes
Bridging switch	No
Max. presence range	154 m ²
Diameter reach on floor	14 m
Suitable for wireless transmission	No
Remote operation	No
Supplied remote control	Yes



Transparent	No
Degree of protection (IP)	IP40
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	45 min
Detection angle horizontal (Min-Max)	0-360 °
Response value luminosity (Min-Max)	5-2000 lx
Number of switching zones	1
Substation input	Yes
With alarm function	No
With acoustic sensor	No
Ambient temperature (Min-Max)	-5-30 °C
Width	83 mm
Height	83 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	Surface mounted
Suitable for ceiling mounting	Yes
Ceiling built-in mounting without installation box	No
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



Depth	65,3 mm
Diameter	83 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	1,7 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	Rigid to break
Auto switch	Yes

Documents

Technical documentation

-  LE17026AD.pdf | PDF (1.82Mo)
-  000000850_EN-01.pdf | PDF (2.71Mo)

Agreements & certificates

-  LGRP-02209-V01.01-EN.pdf | PDF (0.91Mo)
-  OC / CB-SG PSB-IT-00475 | (0.29Mo)