

## Package Contents

- 1 Luminaire
- 1 Mounting accessories
- 1 Rubber sealing ring
- 1 Manual

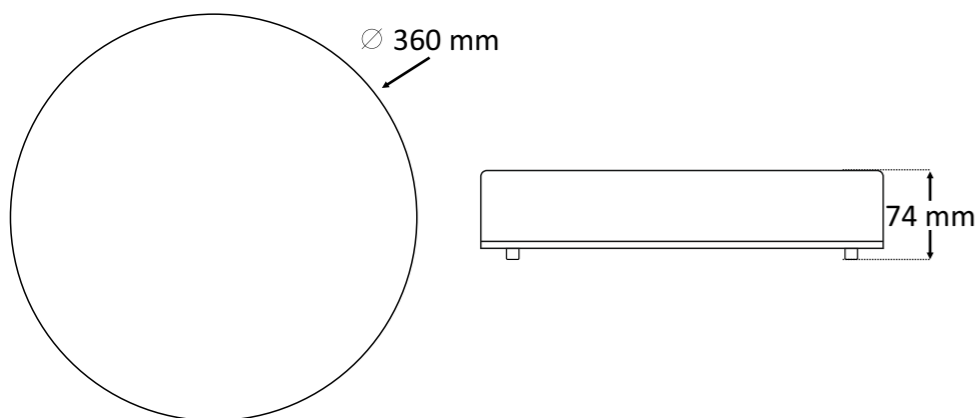
## General

These luminaires are intended for use in indoor environments (ta 50°C), where CBS-type emergency lighting is required. Each luminaire must be permanently connected to the mains power supply.

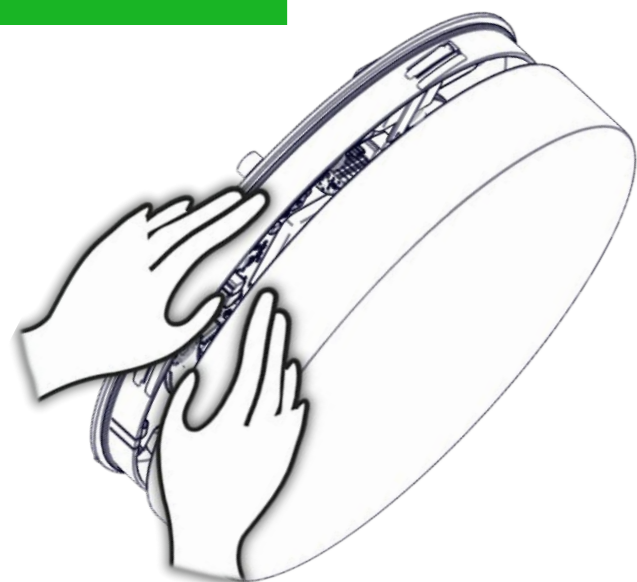
### CAUTION!

- All installation, maintenance, or inspection work must be carried out only by qualified personnel.
- Use a cylindrical power cable with a diameter of 5–10 mm (type H05RN-F 3x1mm<sup>2</sup> or a cable with at least equivalent mechanical and electrical characteristics). **CAUTION:** The cable must not be deformed, as this requirement is critical to maintain the IP protection rating.
- The device must be connected to the mains power supply through an automatic circuit breaker.

## Dimensional drawing 360 Ø x 74 (mm)

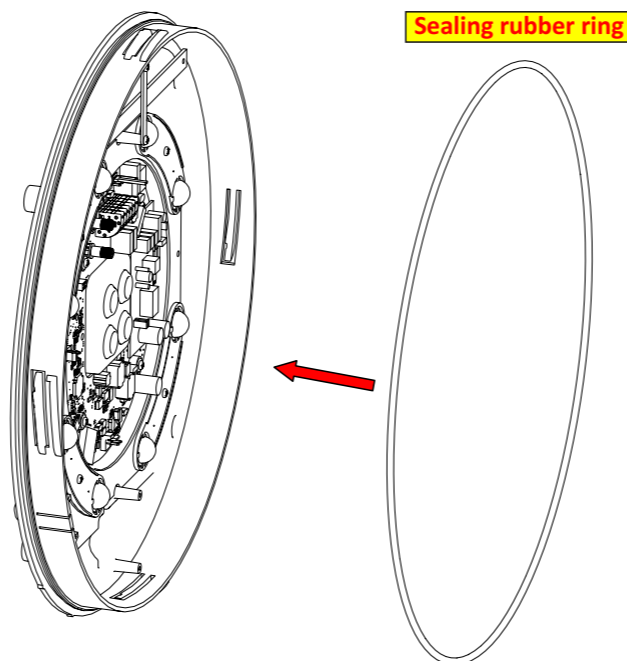


## Installation



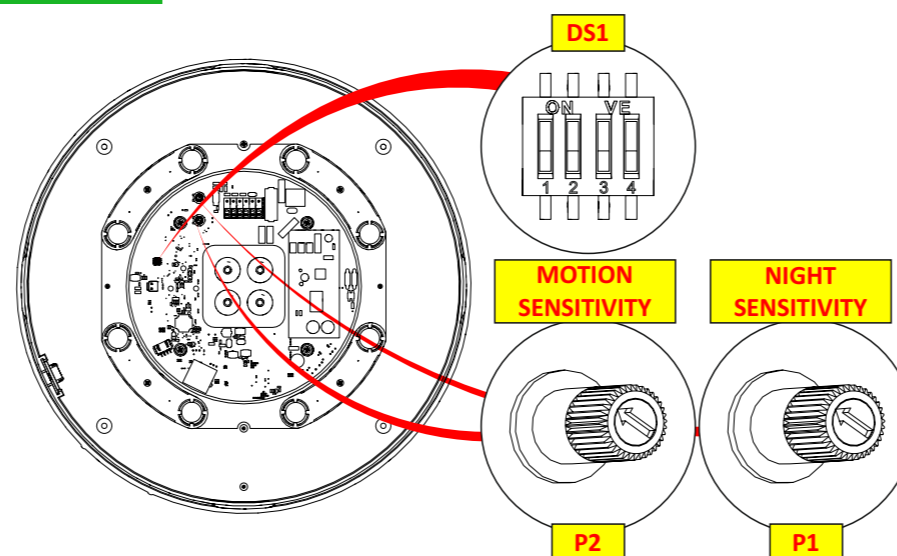
To disassemble the luminaire, pull the diffuser carefully and detach it from the base.

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To ensure an IP65 rating, install the included sealing rubber ring onto the luminaire's base.

## 2 Functions



### DS1 FUNCTIONS (RADAR SENSOR)



#### Radar Sensor Configuration

The user can enable or disable the radar sensor using Switch 1 of DS1.

- To enable the radar sensor, set Switch 1 to the ON position.
- To disable the radar sensor, set Switch 1 to the OFF position.

The user can also adjust the motion sensitivity by using the shaft knob located at position P2.

#### Motion Detection Time Settings

The duration for which the luminaire remains illuminated after detecting motion is configured using Switches 3 and 4 of DS1:

- 2 minutes → Switch 3: OFF, Switch 4: OFF
- 5 minutes → Switch 3: OFF, Switch 4: ON
- 10 minutes → Switch 3: ON, Switch 4: OFF
- 20 minutes → Switch 3: ON, Switch 4: ON

### DS1 FUNCTIONS (NIGHT MODE)

To enable the Night Mode function, set Switch 2 of DS1 to the ON position. When Night Mode is enabled, the luminaire detects motion only at night. If Switch 2 is in the OFF position, the luminaire detects motion both day and night.

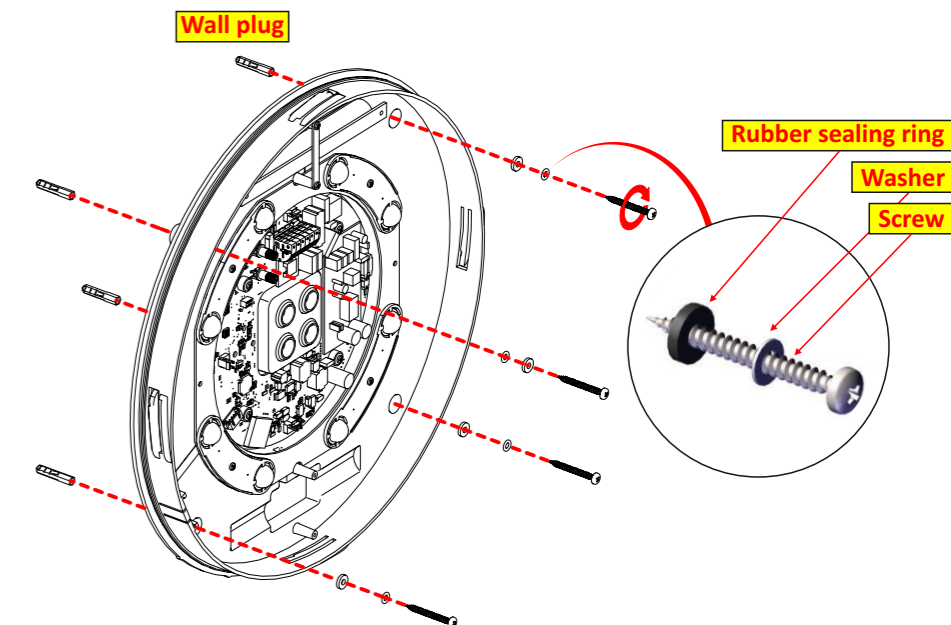
The user can also adjust the night mode sensitivity by using the shaft knob located at position P1.

**ATTENTION!** Selection for **Radar mode** and **Night mode** must be performed while the luminaire is disconnected from the power supply.

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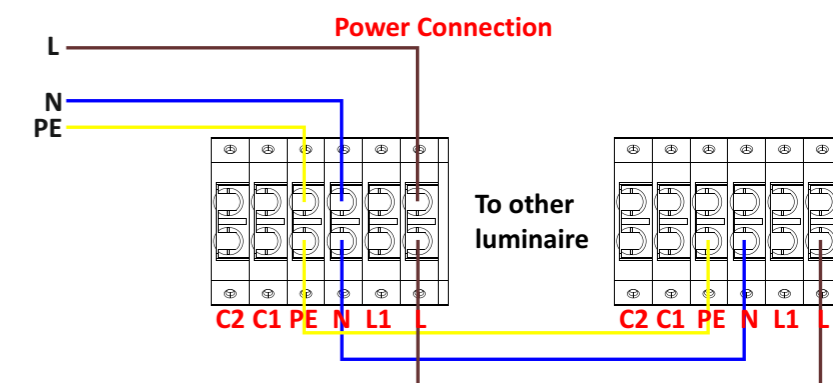
Install the four included rubber gaskets, ensuring they are not deformed.

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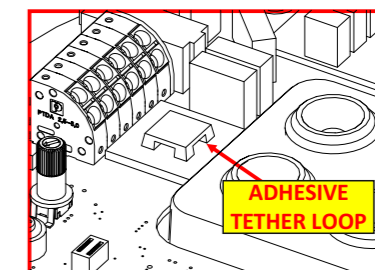
Mount the luminaire's base to the wall or ceiling using the included mounting accessories.

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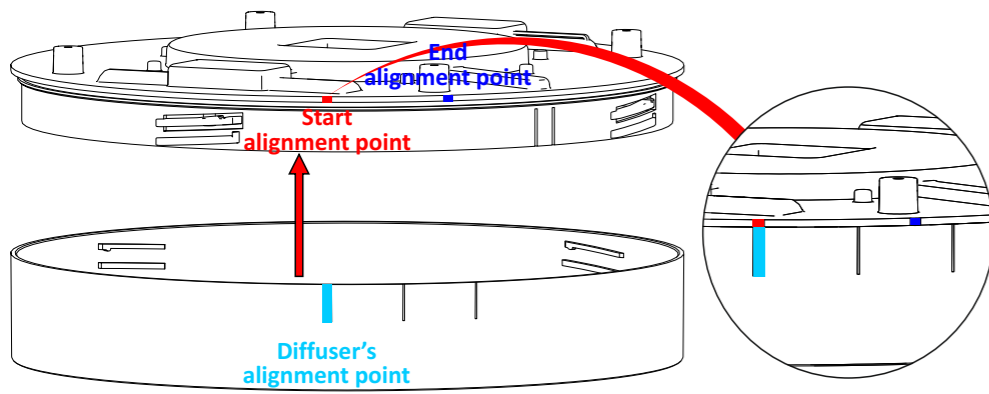
Use a small screwdriver to make a hole in the center of a rubber gasket. Pass the round cable through the gasket. Connect the mains cable to the corresponding terminal block: L for the live wire, N for the neutral wire, and PE for the ground wire. PE is for termination purposes only. The power supply cable cross-section should be 0.8–2.5 mm<sup>2</sup>.

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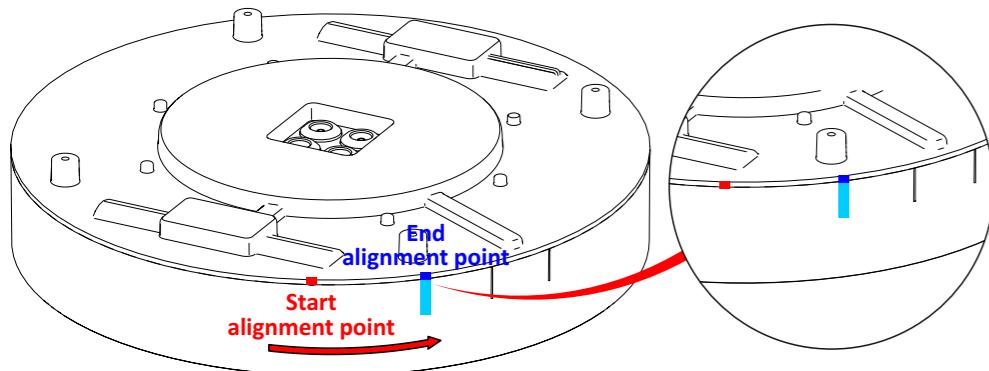
Install the included adhesive tether loop and use the included tie wrap to securely fasten the power cable, ensuring it is properly anchored.

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Place the diffuser back onto its base. Pay attention to its orientation—the alignment point of the diffuser must be positioned correctly with the starting alignment point of the base.

8



Rotate the luminaire's diffuser until it locks at the end alignment point of the base. You should hear a clicking sound. Ensure there are no gaps between the diffuser and the base to maintain the IP65 rating.

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**NOTE:** LED= Light Emitting Diode

**LABELING EXPLANATION:**

Z: Central Battery

1: Maintained/Non maintained operation (\*)


E: With non-replacable lamp(s) and/or battery

Z 1 E

(\*) **Maintained operation:** The luminaire lights its illumination source, when it is powered by the mains power supply or not.

**Non Maintained operation:** The luminaire lights its illumination source, only in power supply's failure.

**ATTENTION**

 The light source of this luminaire is not user replaceable. When the light source reaches its end of life the whole luminaire shall be replaced.

## Technical Characteristics

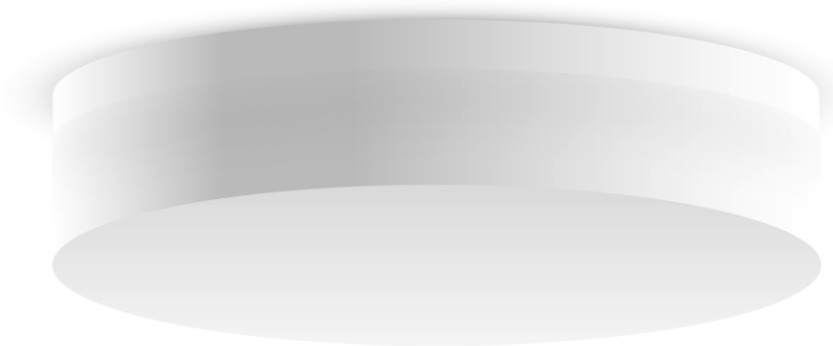
### MOS019-Sensor

OPERATION VOLTAGE	220 - 240V AC/DC, 50-60Hz
MAXIMUM POWER CONSUMPTION	15.6W / 16.9VA
SUPPLY CURRENT	68mA
WIRE CROSS SECTION	0.8 - 2.5mm <sup>2</sup>
MINIMUM POWER FACTOR	0.92
INSULATION BETWEEN SUPPLY & CONTROL TERMINALS	Basic Insulation
LIGHT SOURCE	8 White Power LED
LIGHT SOURCE LUMINUS FLUX (MAINS)	2050lm
DEGREES OF COVER PROTECTION	IP65
PRODUCED IN ACCORDANCE WITH	EN 60598-1, EN 60598-2-22, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3
OPERATION TEMPERATURE RANGE	-30 - 50°C
CONTROL GEAR MAX. TEMPERATURE: tc	43°C at L8
RELATIVE HUMIDITY	Up to 95%
CONSTRUCTION MATERIAL	ABS/PC, PC
MATERIAL COLOR	White
EXTERNAL DIMENSIONS (L x W x H)	360 ∅ x 74 mm
WEIGHT	1300gr
GUARANTEE	3 years

## LED Characteristics

MANUFACTURER	DFA GmbH
MODEL NUMBER	1302243
VOLTAGE RANGE	11.2V - 12.5V
NOMINAL POWER	11.2W
CONNECTIONS	Cable connection
TEMPERATURE (tc)	43°C max. across the board

## Warranty



**WATERPROOF LUMINAIRE  
FOR CBS 230V  
WITH MOTION SENSOR  
Type: MOS019-Sensor**

