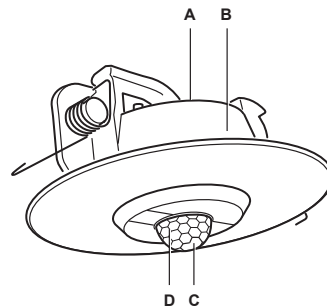


LS/PD MULTI 3 CI



Light and motion sensor Fitting instructions

Description



Function and application

The LS/PD MULTI 3 CI sensor detects the presence of people and measures the intensity of ambient light. The sensor is installed in ceilings.

Construction

The sensor is made up of the following components:

- Connection (A) for supply voltage, light measurement value, motion signal and signal ground
- Housing (B)
- Aperture
- Light sensor (C)
- Motion sensor (D)

Installation

Safety instructions

The sensor must only be installed and put into operation by a qualified electrician. The applicable safety regulations and accident prevention regulations must be observed.



WARNING!

- Exposed, live cables or damaged housing.
Danger of electric shock!
- Only work on the sensor when it is de-energized.

CAUTION!

Destruction of the sensor and other devices through incorrect mounting!

- Only use OSRAM control units of the following types:
DALI MULTI 3/ DIM MULTI 3,
DALI MULTIECO/ MULTIECO, DALI PROFESSIONAL Sensor Coupler.
- For SELV, ensure that there is sufficient insulation from live parts.
- Do not connect control line with external voltage.
- Note the maximum total line length.
- Do not route the sensor line together with the power or lamp line.

Adjusting the detection area

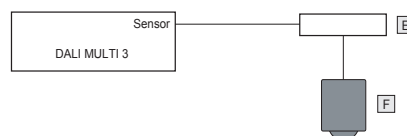
Limit the detection area:

- ① Divide the aperture at the preset breaking points as required.
- ② Pierce the cover with a pointed object to create the fixing holes.
- ③ Attach the aperture.

Adjust the detection area:

Tilt the motion sensor up to 30° in the required direction.

Connecting the sensor



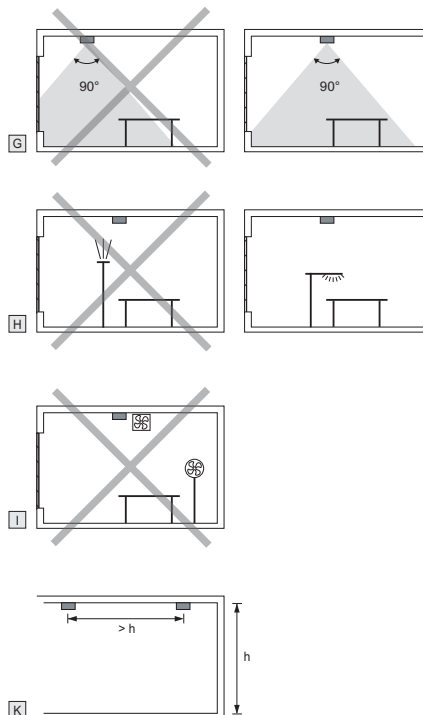
Connect the sensor using the supplied cable or a commercially available 4-pin cable. If the cable is shortened or lengthened, ensure that the wiring is correct.

Sensors can be connected in parallel via a Y-branch. For the maximum number of sensors: see the separate control unit manual.

E Y-branch (optional)

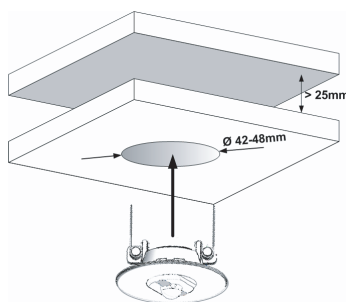
F Sensor

Fitting (cont.)



Selecting the installation location

- G Surveillance cone: entire workplace; not on window surfaces.
- H Avoid exposure to direct light.
- I Avoid drafts (e.g. from ventilators or fans).
- K Installation distance = min. installation height

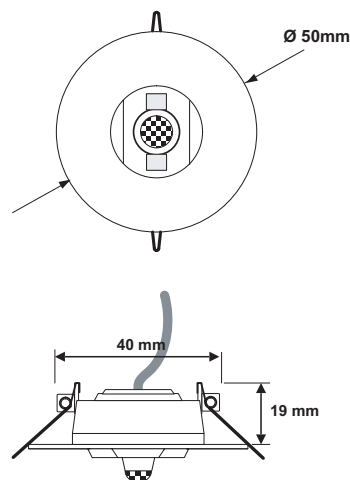


Ceiling installation

- Diameter of installation opening 42 - 48 mm.
- Minimum suspended ceiling distance: 25 mm

Note:
For surface-mounted ceiling installation, use the SENSOR KIT (order no. 4008321916662).

Appendix



Technical data

| | |
|--|--|
| Combined control and supply connection | 4-pin modular connection (4p4c) 1: Supply voltage 2: Light measurement value 3: Motion signal 4: Signal ground |
| Maximum total length of signal line (incl. all connections to the control units) | 100 m |
| Insulation | Basic insulation as per IEC 664 |
| Dimensions (Ø x H) | 50 x 25 mm |
| Light sensor detection area | 20 - 600 lx (measured at sensor), opening angle approx. 90° |
| Motion detection area | Conical, opening angle approx. 80° |

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The CE requirements to EN 61347-11 are fulfilled. The EMC requirements to EN 61547 are fulfilled.



Conformity with the relevant EU directives is confirmed by the CE symbol.