



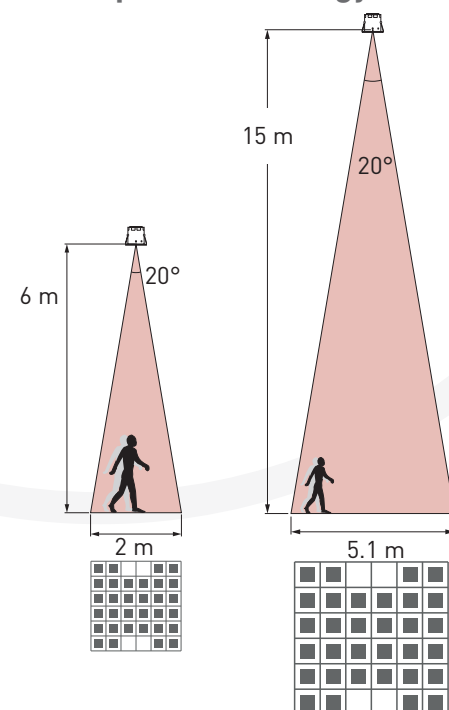
319 High Bay Spot Detector

The 319 High-Bay PIR Spot Detector is a compact unit that provides energy-saving functions in a DALI system.

The 319 is designed for use in buildings with high ceilings, such as warehouses and industrial units, where an accurate trigger point is required on entry to an aisle or corridor.

The narrow detection pattern creates a small area with a high density of detection zones, providing reliable performance, even on fast moving targets.

It can be used in conjunction with Helvar's 317 High-Bay PIR Presence/ Absence Detector where greater coverage is required.



CE



Key Features

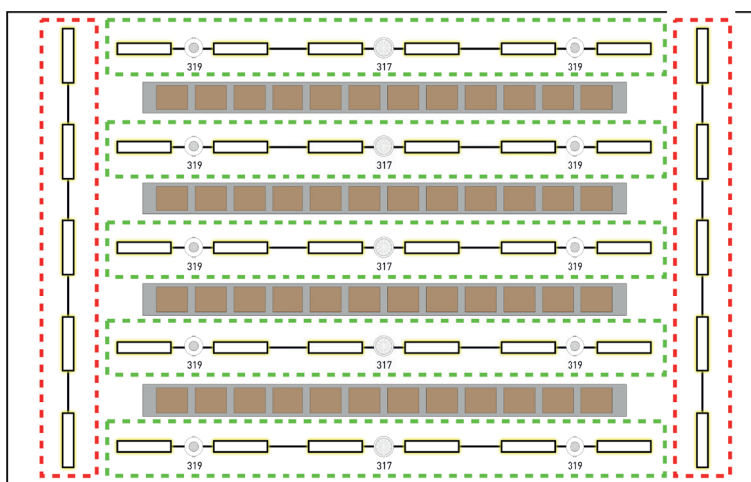
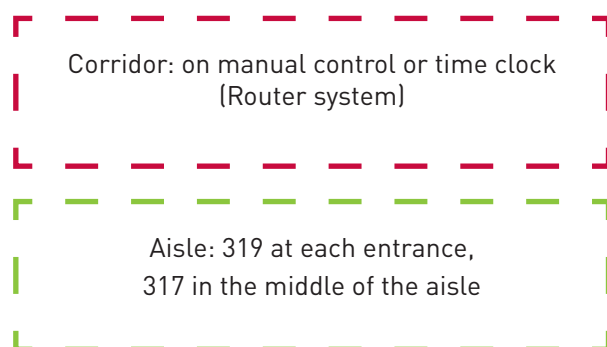
- Mounting height up to 15 m
- Narrow detection pattern
- Recess mounting
- Compatible with SBB-A or SBB-P back boxes

E&OE
V.11116 - 319



Application

- To be mounted at the entrance to each aisle
- Used in conjunction with the 317 for long aisles



Technical Data

Connections

- External power / DALI:** Removable connector block.
Wire size: 0.5 mm² – 1.5 mm² solid or stranded.
- Cable rating:** All cables must be mains rated.
Max. length: 300 m @ 1.5 mm²

Power

- DALI supply input:** 13 V to 22.5 V
- DALI consumption:** 15 mA

Sensors

- Presence detector:** PIR: Passive infrared presence detector
- Infrared receiver:** For remote control commands.
Note: Adjust sensitivity using Designer or Toolbox (not by remote control unit).

Mechanical data

- Mounting hole diameter:** 68 mm
- Bezel diameter:** 76 mm
- Material (casing):** Flame-retardant ABS
- Finish / Colour:** Matt / White RAL 9003
- Weight:** 82 g
- IP code:** IP40

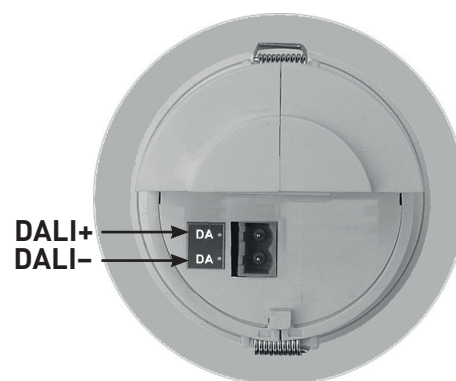
Operating conditions

- Ambient temperature:** 0 °C to +35 °C
- Relative humidity:** Max. 90 %, noncondensing
- Storage temperature:** -10 °C to +70 °C

Conformity and standards

- EMC emission:** EN 61000-6-1
- EMC immunity:** EN 61000-6-3
- Safety:** EN 60730-1
- Environment:** Complies with WEEE and RoHS directives.

Connections



Dimensions (mm)

