digidim

Helvar

341 CORRIDOR

Designed specifically for corridors, with wide coverage and a long detection range.

With three beams, the Helvar 341 covers a 100° sector with a 41-metre radius — helping you save energy in corridors, hallways and aisles.

It fits easily into any DALI system. And its passive infra-red sensor means lights are on when there's somebody there — and dimmed or switched off when there isn't.

You can choose from two detection modes:

High activity for constantly busy corridors in places like hospitals, warehouses and offices. Sensitivity will be set to maximum.

Low activity for areas where people don't stay for long such as hallways in hotels or schools.

You can set up and program the 341 through our Designer or Toolbox software. They'll recognise it as soon as it's connected.
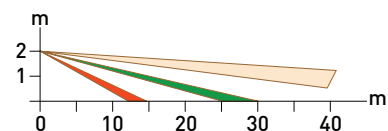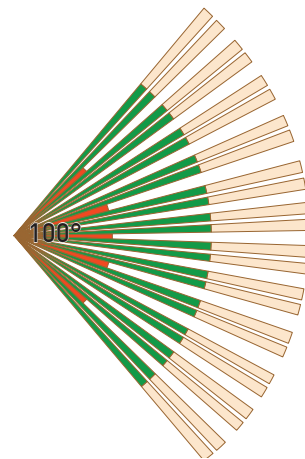
And you can set its sensitivity, detection mode and LED indication straight from the circuit board. Find out how over the page.

Key features

- Control of long corridors (up to 41 metres) with one sensor
- 20 mA DALI current consumption
- Two presence detection modes for different environments
- Configurable presence delay and time-out
- Programmable in Designer and Toolbox
- Accessory lenses available for special applications

Presence Detection Coverage

Technical Data

Connections

DALI:	4-way connector block
Wire section:	0.5 mm² – 1.5 mm² solid or stranded
Cable rating:	All cables must be mains rated.

Power

DALI supply input:	13 V – 22.5 V
DALI consumption:	20 mA

Sensor

Presence detector:	Passive infrared (PIR)
Start-up time:	< 2 min

Mechanical data

Max. recommended mounting height:	2.5 m
Presence detection coverage area:	1470 m²
Dimensions:	70 mm × 102 mm × 50 mm
Vertical adjustment:	−20° to +10° indicated scale
Max. reach:	41 m
Finish / Colour:	Semi-matt / White RAL 9003
Weight:	93 g
IP code	IP42

Operating and storage conditions

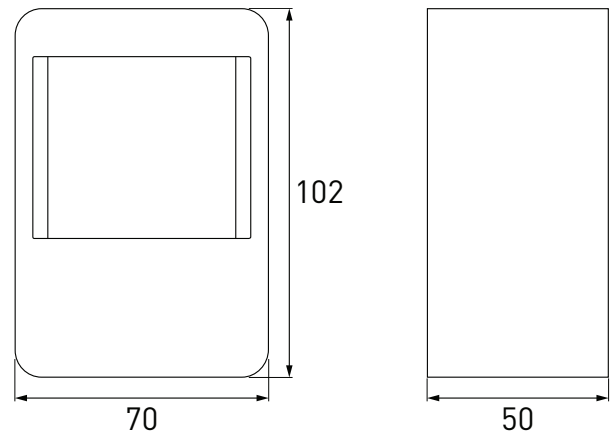|	
Ambient temperature:	0 °C to +40 °C
Relative humidity:	Max. 90 %, noncondensing
Storage temperature:	−10 °C to +70 °C

Conformity and standards

EMC emission:	EN 55015
EMC immunity:	EN 61547
Safety:	EN 60950
Environment:	Complies with WEEE and RoHS directives.

Software compatibility

Designer:	4.1 or later
Toolbox:	2.2.12 or later

*   *Note: Both Designer and Toolbox recognise the 341 Corridor PIR Sensor as Helvar's 441.*

Dimensions (mm)

Connections and controls