

freeDim

Personal lighting for you!

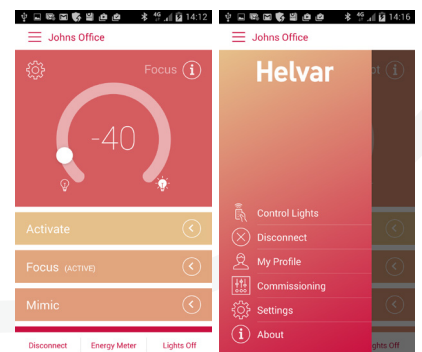


A solution that allows lighting exactly the way you want it and adapts to your needs and personal preferences, freeDim lets you create your own lighting solution which mimics daylight, saves energy and energises you at the same time.

You create your own preferred lighting scene for your chosen space, which is automatically saved and wirelessly triggered by your smart iOS or Android device.

By automatically detecting the presence of a Bluetooth® enabled device, the freeDim app can switch on the lights in the room, adjusting to the users personal settings before they enter*. Removing the need for a motion sensor, the lights will switch off when the user has vacated, thus providing further energy savings.

Free to connect. Free to control. Free to own. Welcome to freeDim.



- Small and inconspicuous, the sensor does not change the appearance of the luminaire.
- Provides daylight harvesting and presence detection to the freeDim lighting system.
- Automatically detects the presence of a Bluetooth® enabled Apple or Android device.*

- Office
- Meeting Room
- Boardroom
- Business Centre

* some features available early 2016

Technical Data

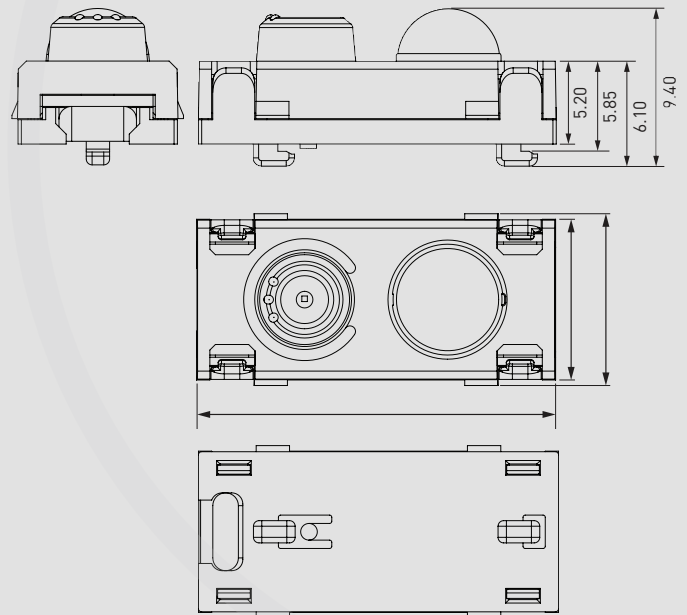
freeDim Sense (FD-3101)

Order code: 3034004

Connections

DALI cable:	Removable connector block Wire size: 0.5 mm ² – 2.5 mm ² Solid or stranded
Cable rating:	All cables must be mains rated.
Power	
DALI supply input:	13 V to 22.5 V
DALI consumption:	10 mA
Operation	
IR frequency:	36 kHz
Mechanical data	
Dimensions:	31.8 mm × 35.4 mm × 48.4 mm
Module weight:	41 g with DALI connector
IP code:	IP30
Operating conditions	
Ambient temperature:	0 °C to +40 °C
Relative humidity:	Max. 90 %, noncondensing

Dimensions (mm)



freeDim Master (FD-1101) / Follower (FD-2101)

Order code: 3030004 / 3032004

Electrical data

Mains (L/N) :	100 VAC – 240 VAC, 50Hz – 60 Hz, 28 mA max.
DALI (DA+, DA-) :	Max. 8 mA supply (basic insulated, use mains-rated cabling). Suitable for controlling up to 4 devices.
Cable (mains and DALI):	Mains rated, 0.5 mm ² to 1.5 mm ² solid, stripped, 8 mm to 9 mm

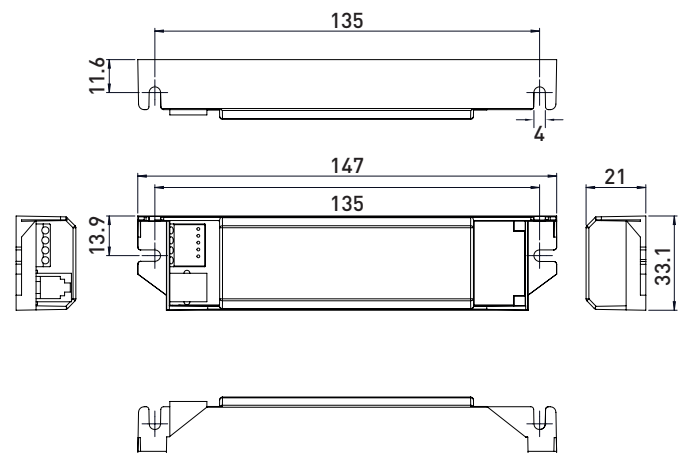
Mechanical data

Case:	Nonflammable ABS Blend (UL94-V0)
Dimensions:	147 mm × 35 mm × 22 mm
Weight:	250 g
Power ratio and frequency	
802.15.4 wireless:	Integral antenna –2 dBm max. at 2.4 GHz, channels 15 and 25
Bluetooth® wireless technology (Master):	Integral antenna –8 dBm max. at 2.4 GHz, advertising channels 37, 38 and 39

Operating and storage conditions

Operating temperature:	0 °C to +50 °C
Storage temperature:	–40 °C to +80 °C
Relative humidity:	90% max., noncondensing
tc	+75 °C

Dimensions (mm)



freeDim Sense and Master



freeDim Follower