BESA BOX DALI MICRO PIR

The ECOLUX Besa box mounted DALI micro PIR is a sensor for automatic lighting control which has been specifically designed for mounting within a Besa system. It detects movement using a PIR sensor, which updates the light controller using a DALI interface. When an area is no longer occupied, the device times out after a configurable period.

This detector features our **Progressive Sensitivity function** to eliminate false triggering and can be used as part of a closed loop to maintain a pre-set luminance level in a dimmable system.

The DALIBESAMICROPIR fits discreetly within a standard 20mm conduit system.

Supplied in white, black and a galvanised finish.

Also available in a high bay configuration

Part Number:

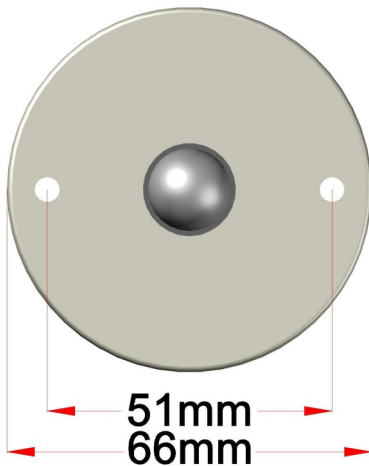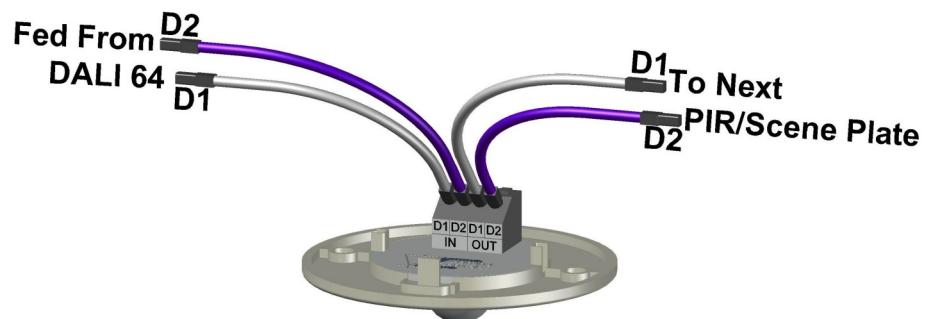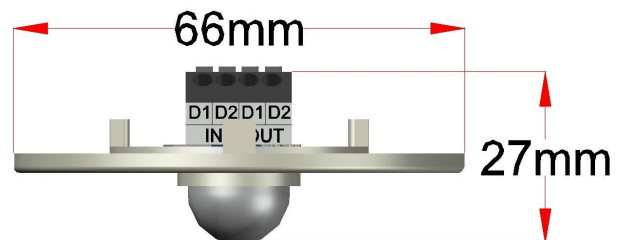|	
LC-DALIBESAMICROPIR	White
LC-DALIBESAMICROPIR/BLK	Black
LC-DALIBESAMICROPIR/GALV	Galvanised

ECOLUX DATASHEET

51mm
66mm

- Connected via a cage clamp on the rear in a standard 2 wire configuration
- Powered from the DALI line, with 1mm² 4 core cable.

Fed From DALI 64 — D2 / D1
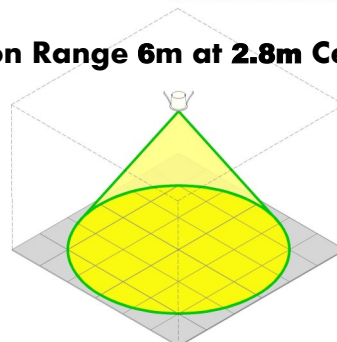To Next PIR/Scene Plate — D1 / D2

D1 D2 D1 D2
IN   OUT

Lux Detector

When using the lux detector, an extra DALI address is assigned to the unit. The device ID is randomised during commissioning and there is a visual alert showing when a device has not been addressed. The walk test mode, indicated by a built in LED, assists when configuring the detector.

66mm

D1 D2 D1 D2
IN   OUT

27mm

Detection Range 6m at 2.8m Ceiling Height

Supply voltage	10-18 VDC
Power Consumption	120mW
Range	6m at 2.8m Height
Max number of devices (2 wire connection)	10
Fitting hole size	Besa mounted
Temperature range	-10°C to 35°C
Max humidity	90% CH (non-condensing)