

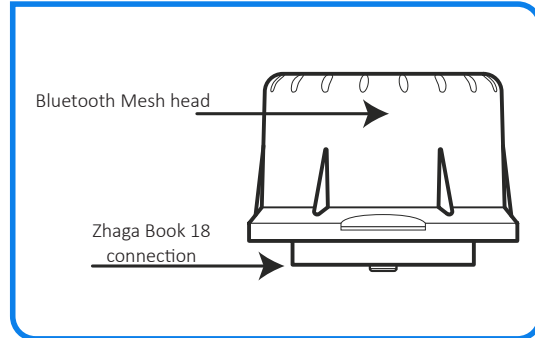
FXB156DL-C DALI-2 SILVAIR NODE



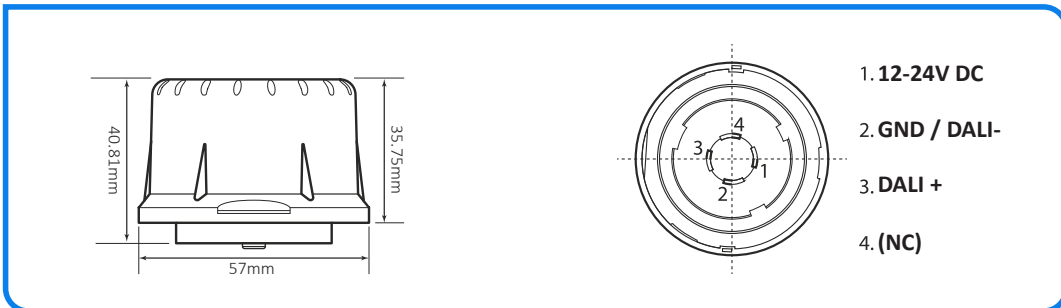
FEATURES

- Bluetooth Mesh Networking
- Settings via Silvair configuration software
- Power supply via 12-24V aux.
- Self-contained DALI-2 bus power supply
- Individual / group addressing
- Self-contained application controller

KEY ELEMENTS



DIMENSIONS



Technical Data

Operating Voltage	12-24V DC
DALI-2 output	Max. 4 devices, max. 30mA
Standby Power	<1W
Sensor Technology	N/A
Mounting Height	N/A
Detection Radius	N/A
Operating Temperature	-20°C to 70°C
IP Rating	IP65

Logistics Information

Product Dimensions	57 x 57 x 41mm
Net Weight	0.01kg
Box Dimensions	66 x 65 x 62mm
Gross Weight	0.01kg
Box Qty	72pcs
Carton Dimensions	440 x 290 x 250mm
Carton Weight	5.50kg
Commodity Code	8536500090

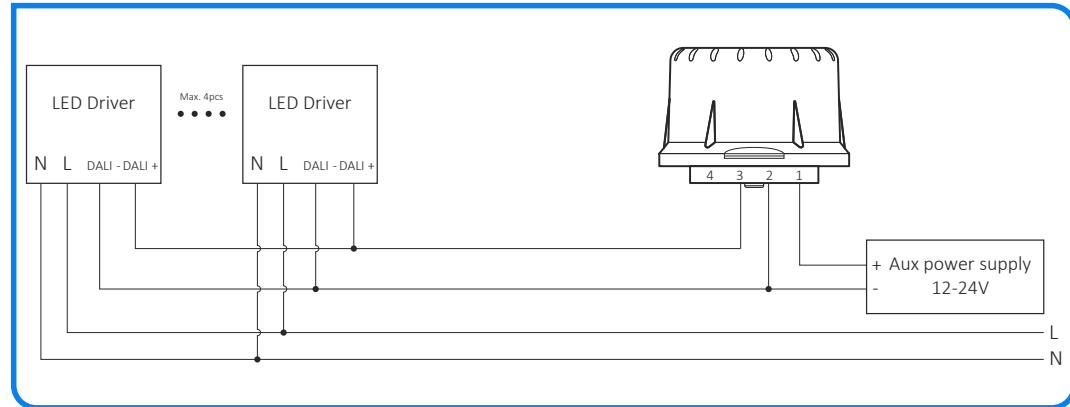
Materials

Housing	Polycarbonate
Finish	Translucent
Colour	Black

Bluetooth

Operation Frequency	2.4GHz-2.483GHz
Transmission Power	+4dBm
Transmission Range	10-30m
Protocol	Bluetooth Mesh

WIRING



SILVAIR



OPERATION STEPS

Download the **SILVAIR** app from either the Apple App Store or the Google Play Store onto your device of choice. Once the app is open you can use a variety of commands such as:

- Create projects through pressing the add button in bottom right
- Organise projects, allow collaboration and emergency lighting control within each project through the 3 dots on the side of the project tab
- Each project can have multiple areas
- Area section contains mesh quality and update devices options
- Within areas you can create zones and add devices, test and adjust device settings

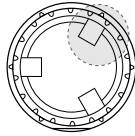
BLUETOOTH CONFIGURATION

Provisioned configurations

The sensor is in unprovisioned mode until it's connected to a "provisioner" which is typically a smartphone app.

The silvair app is available on iOS at <https://silvair.com/en/>

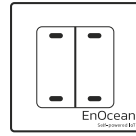
Unprovisioned mode



Bluetooth factory reset

In order to factory reset the sensor head, place a strong magnet near the marked area (e.g. neodymium magnet) for approx. 5s. Once the reset is done, the attached luminaire will flash and be permanently on.

BLE Switch



EnOcean BLE switches can be used to control the Bluetooth Mesh sensor-equipped luminaires. The switches can easily be linked to a Bluetooth Mesh sensor by using the Silvair iOS app.

Network status indication (by green LED)

FXB156DL-C unprovisioned	30ms ON	270ms OFF
FXB156DL-C provisioned	30ms ON	1985ms OFF
Factory reset	100ms ON	900ms OFF
MESH package received	30ms ON	20ms OFF
Attention (from network)	500ms ON	500ms OFF

Bluetooth mesh models servers

Mesh model generic default transition time server	Mesh model sensor server
Mesh model generic level server	Mesh model sensor setup server
Mesh model generic on/off server	-
Mesh model generic power on/off server	-
Mesh model generic power on/off setup server	-
Mesh model light LC server	-
Mesh model light LC setup server	-
Mesh model light lightness server	-
Mesh model light lightness setup server	-