LiFePO4

The Ellis 2B Series is a discrete emergency LED luminaire designed for ceiling recess applications.

The bezel has a diameter of 50mm and requires a cut out of 43mm. The main LED can be driven up to 600mA and provides up to 232 lumens.

The body also features a patented halo effect bi-colour LED; green for charge healthy and red for fault indication of self-test functionality.

Lithium Iron Phosphate battery offers low maintenance, long life benefits.
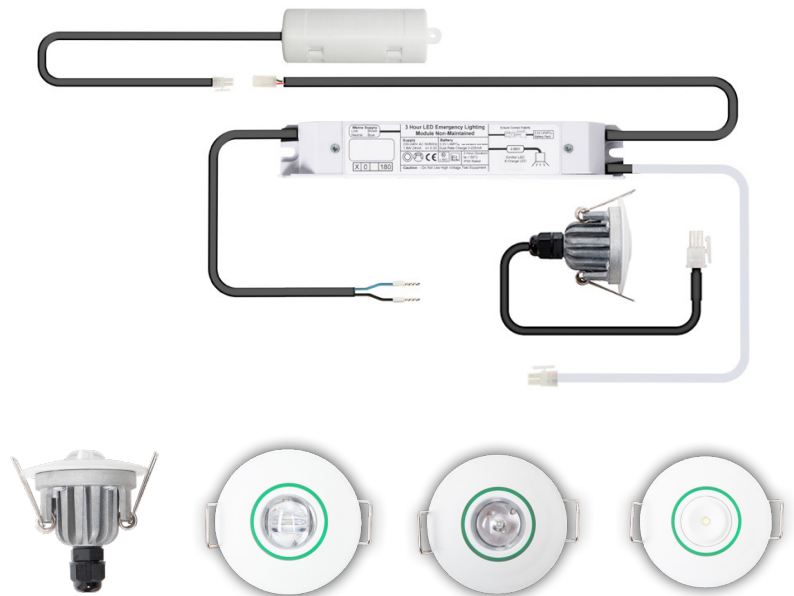
◄ Halo Indicator

Halo Indicator
No halo colour indicates that the permanent supply has failed

Halo Indicator
Green for healthy charge

Halo Indicator
Red for fault indication of self-test functionality

CODE		DESCRIPTION		OPTIC(X^1)		COLOUR
ELL2B-1-NM-T1-X^1-WH		NON-MAINTAINED		**CO** CORRIDOR (125°X50°)		**WH** WHITE (RAL9016)
				OA OPEN AREA (110°)		
				FL FLOOD DISPERSION (110°)		

CDN:SPEC168REV0

Technical Details

	Corridor Optic	Open Area Optic	Flood Dispersion
Battery Input Voltage		3.2V DC Max	
Power Rating		1.6W	
Emergency Operation Current		550mA	
Battery Discharge Current		600mA	
Light Source		Samsung LH315B	
Beam Angle	125° X 50°	110°	110°
CCT		6500K	
Ta Max		40°C	
Tc Max		80°C LED Back Plate	
Lumen Output	232 Lumen	224 Lumen	186 Lumen
Wiring Method		Series Connection via C4201 Plug into Emergency Driver (Terminal Block VAC Connection)	
Ingress Protection	IP65 Head Only (not including control gear)		IP20
Dimensions		ø50mm x 45mm (min void 40mm)	
Weight	0.61Kg	0.61Kg	0.61Kg

Emergency Driver

165mm
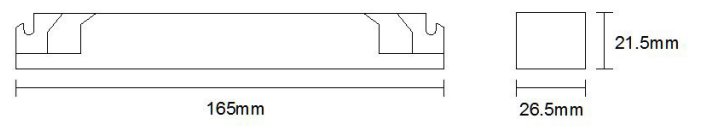
Fixing Centres 155mm
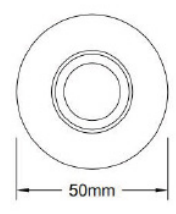
21.5mm
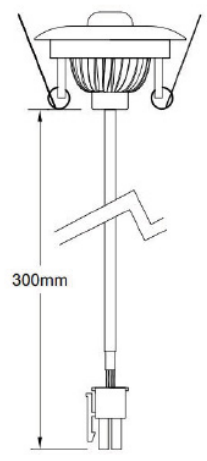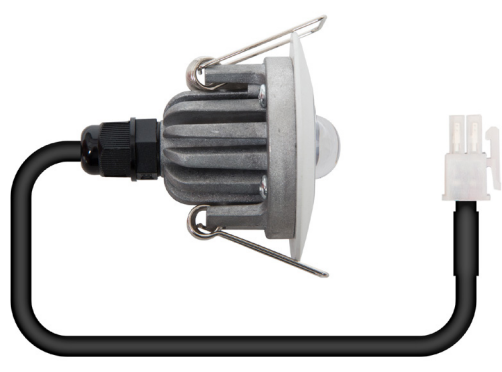
26.5mm

Corridor Optic
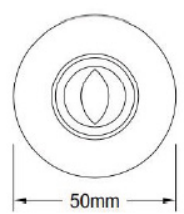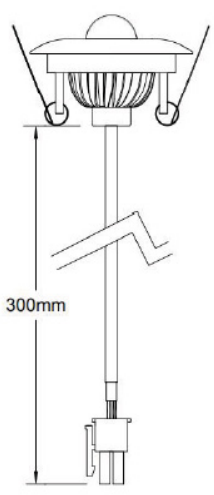
50mm

300mm

Connection Details

1. White   - ve Charge LED
2. Black   - ve Emitter
3. Green   + ve Charge LED
4. Red   + ve Emitter

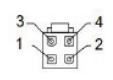## Open Area Lens

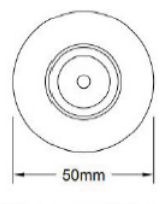**Connection Details**

1. White — - ve Charge LED
2. Black — - ve Emitter
3. Green — + ve Charge LED
4. Red — + ve Emitter

50mm

300mm

Flood Dispersion

50mm

50mm

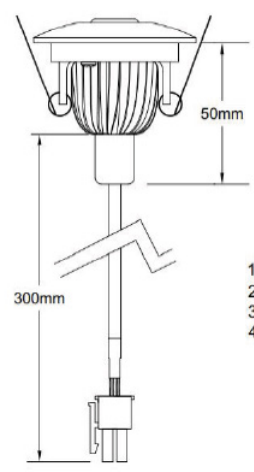**Connection Details**

1. White — - ve Charge LED
2. Black — - ve Emitter
3. Green — + ve Charge LED
4. Red — + ve Emitter

300mm