

EDL Eco

LED Emergency Downlight



Smart
EMERGENCY
TECHNOLOGIES LTD

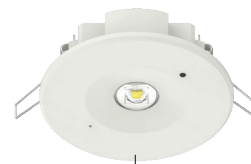


Product Overview

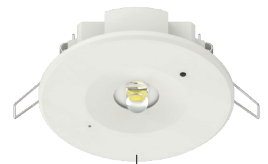
The EDL Eco Emergency Downlight provides a compact standalone emergency lighting solution for various applications and has the flexibility to be recessed in the ceiling or surface mounted for solid ceilings. As standard the EDL Eco comes with both recessed and surface mount accessories along with open area and corridor lenses which are interchangeable.

The EDL Eco produces up to 150lm making it ideal for general applications and the open area lens is typically suitable for ceiling heights of 2-5M whilst the corridor lens offers extended spacings for escape routes with its batwing lens design.

The EDL Eco is available as a combined Manual Test/Self-Test version and offers non-maintained operation. During installation, manual test operation can be selected via a switch on the lamp head making it suitable for key switch testing. Alternatively Self-Test is selectable and this will provide automated testing in accordance with the DALI standard. All versions offer 3 hours emergency lighting duration time from a Lithium Iron Phosphate (LiFePO₄) battery.



Open Lens

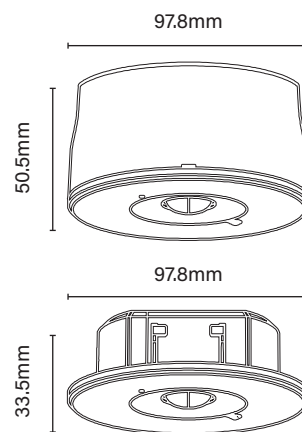


Corridor Lens

Product Features

- Manual test or self-test operation
- Optional surface mount or recessed installation
- Suitable for 100mm ceiling voids
- Selectable open area and corridor lens included
- Non-maintained operation
- Polycarbonate white RAL 9016 housing
- 5 years warranty

Dimensions





Technical Data

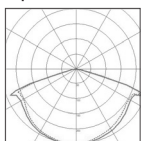
Rated Supply Voltage	220-240VAC
Mains Frequency	50/60Hz
Starting Time	<0.5s
Ambient Temperature Ta	5-40°C
Led Colour Temperature	6500K
Insulation Class	Class II
Ip Rating	IP20
Supply Power Max	2W
In-Rush Current	1.5A
In-Rush Current Duration	3.5ms
Mains Surge Capability (Between L – N)	500V
Battery	1x 3.2V 1500mAh LiFePO4
Weight	137g



Photometric Data

Open Area 150Lm	↔		↔	
Mounting Height	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux
2.5m	4.8	3.5	12.8	9.6
2.8m	4.8	3.5	13	9.7
3m	4.9	3.5	13.2	9.8
4m	4.9	3.2	13.8	9.9
6m	4.4	0.7	14	8.8
8m	2.4	NA	13	5
10m	NA	NA	10.6	NA
12m	NA	NA	3.7	NA

Open Lens

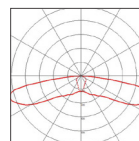


Open Lens

Photometric Data

Corridor Area 110Lm	↔		↔	
Mounting Height	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux
2.5m	7.9	6.3	18.3	15.7
2.8m	8.3	6.2	19.6	16.5
3m	8.5	6	20.3	17
4m	8.8	4.3	23.5	17.7
6m	5.9	NA	24.6	14.9
8m	NA	NA	17.5	NA
10m	NA	NA	12.9	NA
12m	NA	NA	NA	NA

Corridor Lens



Corridor Lens

Order Codes

Description

EDL/1W/MT/ST/WH	EDL Recessed/Surface Em Downlight, Manual Test/Self-Test, White
EDL/1W/SUR	EDL Surface Mount Housing (Replacement Part)

Product Standards

EN IEC60598-1	EN IEC61347-1	EN 61000-3-3	EN 55015
EN IEC60598-2-1	EN IEC61347-2-7	EN 61547	ROHS 2.0
EN IEC60598-2-22	EN 61000-3-2	EN 62034	