

45K

IP42



EM3

Emerald

Recessed

Emerald is a discreet recessed emergency downlight luminaire with built in charge indicator, available in variety of optics, to suit your needs.

- Colour temperature: 5000°k.
- Non Maintained as standard.
- Colour Finishes: White, Black or Silver as standard.
- Inverter and battery kit can fit through 45mmØ cut out.
- Nickel Cadmium (NiCd) Battery.
- 175mm Minimum void depth required.
- Anti ligature version available upon request.
- Emergency options: Standard 3hr, Self-Test, DALI addressable or 3hr DALI Wireless Sentinel.

Technical

Product	Emerald
Mounting type	Recessed
Diameter	55mm
Lumens	160Lm
Colour Temperature	Neutral White (45k)
	High Level
Optics	Corridor
	Open Area
Emergency	3 hour, DALI, Self-Test, 3 hour DALI Wireless Sentinel
Rendering	Ra80+
IP Rating	IP42
Safety Class	Class 2
LED Lifetime	50K

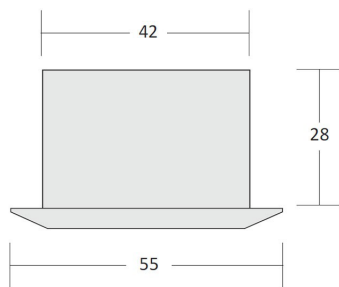
Luminaire Order Builder

EML

STEP 1. Operation	STEP 2. Optics	STEP 3. CCT	STEP 4. Finish	STEP 5. Emergency
NM Non Maintained 15W - 160 Lm	OA Open Area Lens C Corridor Lens HL High Level Lens	45K 4500K	W White S Silver B Black	E3 Standard 3 Hour ED DALI/EMPRO ES Self-Test EW 3 hour DALI Wireless Sentinel

All electrical and optical data subject to $\pm 10\%$ tolerances.
 Values based on 4500K Colour temperature.

Example Code: EMLNMOA45KWE3



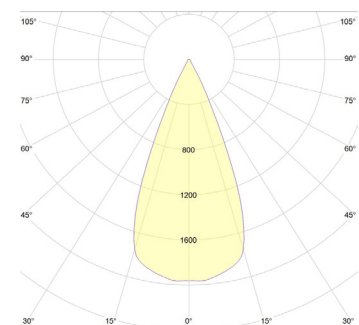
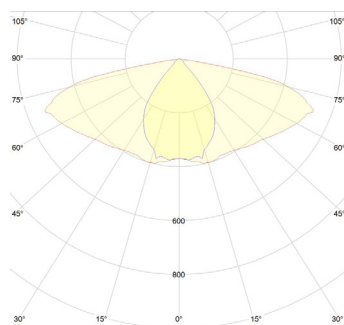
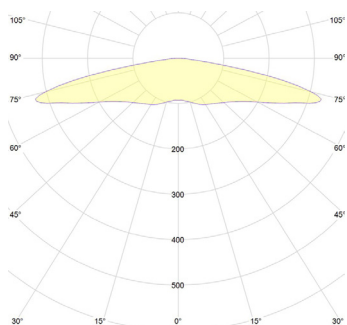
Dimensions (Head Only)

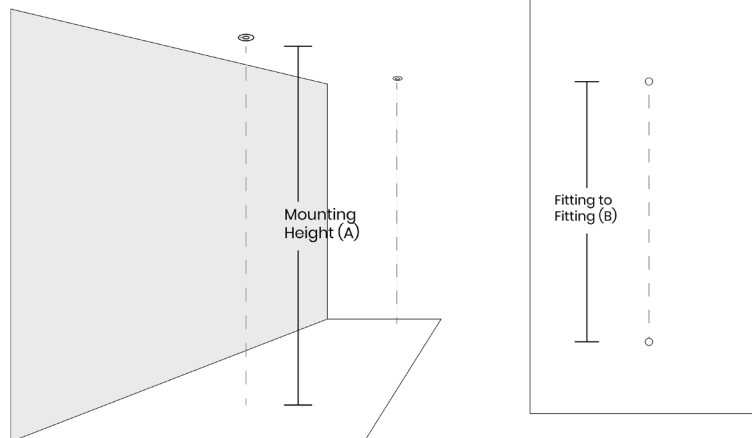
DØ	H	Finish	Code	Colour Swatch
55 (45mm Ceiling Cutout)	28	White	W	
		Silver	S	
		Black	B	

All dimensions are measured in millimetres (mm)
 45mm cutout and 175mm minimum void depth required for driver to pass through.

Polar Curves

Open Area	Corridor	High Level lens
-----------	----------	-----------------





Emergency spacings

Emerald Open area lens

Mounting Height (A)	0.5 lux min Open area	1 lux min Escape
	Fitting to Fitting (B)	Fitting to Fitting (B)
2.0	9.8	8.9
2.5	9.4	8.2
3.0	8.7	7.5
3.5	8.0	6.8
4.0	5.9	4.8
6.0	6.4	4.5
8.0	n/a	n/a
10.0	n/a	n/a
12.0	n/a	n/a

Emerald Corridor area Lens

Mounting Height (A)	0.5 lux min Open area	1 lux min Escape
	Fitting to Fitting (B)	Fitting to Fitting (B)
2.0	n/a	11.9
2.5	n/a	12.9
3.0	n/a	13.1
3.5	n/a	13.4
4.0	n/a	14.5
6.0	n/a	13.2
8.0	n/a	11.1
10.0	n/a	9.8
12.0	n/a	7.8

Emerald Medium/High Level Lens

Mounting Height (A)	0.5 lux min Open area	1 lux min Escape
	Fitting to Fitting (B)	Fitting to Fitting (B)
2.0	n/a	n/a
2.5	n/a	n/a
3.0	n/a	n/a
3.5	n/a	n/a
4.0	n/a	n/a
6.0	5.2	n/a
8.0	7.3	n/a
10.0	8.9	n/a
12.0	10.1	n/a

All dimensions shown are in metres.



IP42
Protection against solid objects that over 1mm and from low velocity sprays of water from angles upto 15 degrees.



Safety Class
Class 2 Safety chassis is double insulated appliance, designed in such a way that it does not require a safety connection to electrical earth.



Warranty
5 year Guarantee