

NEW

# HILCLARE

LIGHTING MANUFACTURER

— LED BY DESIGN —

## XD-3

Recessed emergency downlight



Self contained recessed emergency downlight, suitable ceiling mounting with optical performance up to 10m ceiling height.

## Key features

- ✓ 3 Hour duration
- ✓ IP42
- ✓ Non maintained operation
- ✓ NiCd Batteries
- ✓ Fully compliant with EN60598.2.22
- ✓ DALI/ Self test option in accordance with BSEN62034
- ✓ Wide beam and corridor lens options
- ✓ 148 & 270 Lumen Outputs



☎ 0161 274 3626

✉ [sales@hilclare.com](mailto:sales@hilclare.com)

[www.hilclare.com](http://www.hilclare.com)

Light Engine and Control Gear Options

- **Colour Temperature:** 4500K
- **Lumen output range:** 129-290 Lumens
- **Supply voltage:** 230V 50Hz
- **Supply power:** 1.5W
- **Charge power:** N/A
- **Battery:** 2.4V 1.8Ah Nichel Cadmium (NiCd)
- **Technology:** Manual test, DALI & Self test

Materials and Environement

- **IP Rating:** IP42
- **IK Rating:**
- **Weight:** N/A
- **Body:** Thermally conductive plastic
- **Diffuser:** Wide lens (160°), Corridor beam and high level lens option
- **Operating temperature:** 0°C to 25°C

Installation Notes

- **Mounting:** Recessed installation to ceiling or wall
- **Installation:** Spring clip installation method
- Minimum ceiling void depth required 175mm
- Wide beam and corridor beam 2-5m mounting height
- High level beam option 6-10m mounting height
- **Diameter cut out:** ø45mm



Spacing Table

Open Area Lens

Mounting Height (m)	Spacing (m) at Min. 0.5 Lux	Spacing (m) at min. 1 Lux
2.5	9.4	8.2
3.0	8.7	7.5
3.5	8.0	6.8
4.0	5.9	4.8

Corridor Lens

Mounting Height (m)	Spacing (m) at Min. 0.5 Lux	Spacing (m) at min. 1 Lux
2.5	N/A	12.9
3.0	N/A	13.1
3.5	N/A	13.4
4.0	N/A	14.5

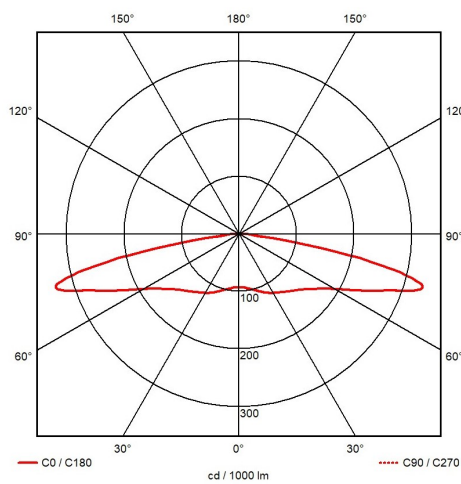


### Specification

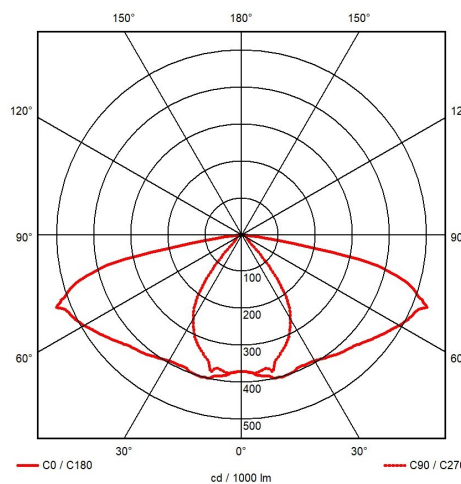
To specify state: Self contained 3 Hour emergency downlight, recessed ceiling mounted luminaire with thermal conductive plastic downlight and one piece housing for driver and high temperature NiCd battery.

**As per-** Hilclare Lighting, XD-3

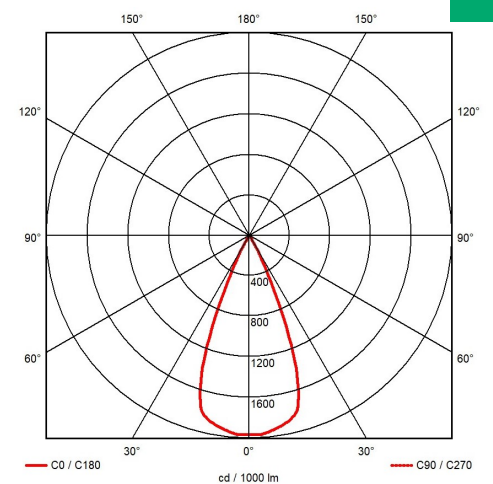
### Photometrics



Wide beam

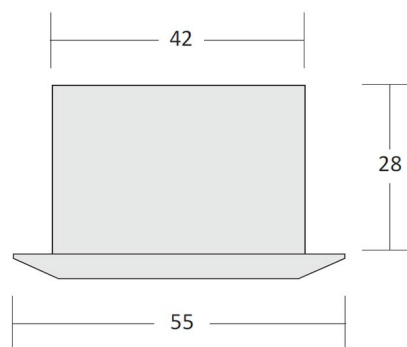


Corridor (batwing)



High level (6-10m mounting height)

### Dimensions



Product Number

White Body

Part No	Description	Lumen Output (Lm)	System Power (W)	Efficacy (LM/cW)
XD3OA3HDA/WH/HO	Downlight, wide beam, white, 270*	271	2.3	117.8
XD3OA3H/WH	Downlight, wide beam, white, 150	148	1	148
XD3ER3HDA/WH/HO	Downlight, corridor beam, white, 270*	277	2.3	120.4
XD3ER3H/WH	Downlight, corridor beam, white, 150	151	1	151
XD3HL3HDA/WH/HO	Downlight, high level beam, white, 270*	290	2.3	126.1
XD3HL3H/WH	Downlight, high level beam, white, 150	159	1.1	144.5

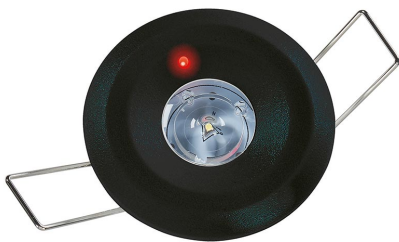
Black Body

Part No	Description	Lumen Output (Lm)	System Power (W)	Efficacy (LM/cW)
XD3OA3HDA/BLK/HO	Downlight, wide beam, black, 270*	271	2.3	117.8
XD3OA3H/BLK	Downlight, wide beam, black, 150	148	1	148
XD3ER3HDA/BLK/HO	Downlight, corridor beam, black, 270*	277	2.3	120.4
XD3ER3H/BLK	Downlight, corridor beam, black, 150	151	1	151
XD3HL3HDA/BLK/HO	Downlight, high level beam, black, 270*	290	2.3	126.1
XD3HL3H/BLK	Downlight, high level beam, black, 150	159	1.1	144.5

\* ONLY AVAILABLE WITH DALI/SELF TEST DRIVER

For DALI/Self Test option suffix 'DA' , e.g. XD3OA3H/WH becomes XD3OA3HDA/WH

For further information, contact our Customer Service Department on 0161 274 3626 or email [sales@hilclare.com](mailto:sales@hilclare.com)  
Lm/cW = luminaire lumens per circuit watt.



Black body colour



White body colour