LED-Lite Surface - obsolete

The LED-Lite range of surface mount luminaires offers a simple method of providing discrete emergency lighting in areas that require a robust surface-mounted self-contained solution.

Available with a symmetrical wide-angle lens or an asymmetrical 'corridor' lens for escape routes, or as a 20 degree high-level beam version for highlighting key areas; the luminaire simply requires a permanent 230 Volt supply (and addressable wiring) to provide effective non-maintained emergency lighting with a 3-hour duration. The LED-Lite fully supports all features of the LuxIntelligent test system. IP65 weatherproof versions also available for outside usage.

Operation

The LED-Lite is supplied with integral non-maintained emergency lighting control gear. The self-contained unit offers 3-hour emergency lighting duration from integral nickel-metal hydride batteries. The LED-Lite incorporates a high brightness green LED into the white polycarbonate bezel to provide battery charge indication. The luminaires will automatically provide emergency lighting in the event of a loss of local mains supply. The benefits of modern LEDs are well documented.

Installation

The LED-Lite units have a BESA rear entry and 20mm knock-outs for surface conduit entry. When the 'corridor' lens is specified, the LED can easily be rotated to align the distribution along the escape route.

Features

- Fully compatible with LuxIntelligent test system
- Available as open area, 'corridor' or 'high-level' lens options
- IP42 as standard with IP65 weatherproof versions available
- Low power consumption
- Excellent spacing values
- Discrete surface-mounted LED luminaire
- Robust construction

Specification

Supply voltage	230 Volt (220-240V) @50Hz
Supply power	1.5W
Light source	3W white LED
Cable entry	2*20mm entries, 1*BESA (rear)
Body	Steel back box with steel fascia plate
IP ratings	IP42 (IP65 available on request)
Ambient temperature	0 to 40°C
Dimensions (H*W*D)	195 * 195 * 40 (mm)
Weight	1.5kg
Battery	2.4V 1.8Ah NiCd
Lumens (emergency)	160lm

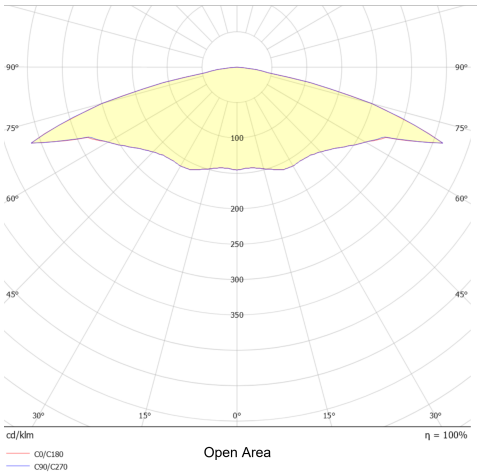
Order Codes and Options

LLED3/NM3/P/SUR	LED-Lite Downlighter, Surface Mount, Addressable, Non-Maintained, Open Area Lens (White Surface Mount Box)
LLED3/NM3/P/SUR/C	LED-Lite Downlighter, Surface Mount, Addressable, Non-Maintained, Corridor Lens (White Surface Mount Box)
LLED3/NM3/P/SUR/HL	LED-Lite Downlighter, Surface Mount, Addressable, Non-Maintained, High Level Lens (White Surface Mount Box)
/BK	Add suffix for black finish
/WP	Add suffix for IP65 Weather Proof version
/HO	Add suffix for High Output version

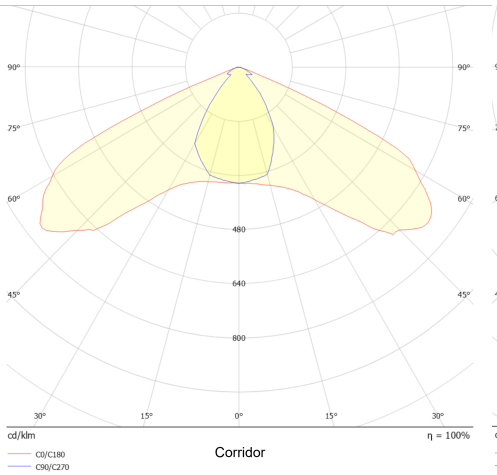
More Information

	Open Area Lens		Corridor Area Lens		High-Level Lens	
Mounting Height (m)	Spacing (m) min 0.5 lux	Spacing (m) min 1 lux	Spacing (m) min 0.5 lux	Spacing (m) min 1 lux	Spacing (m) min 0.5 lux	Spacing (m) min 1 lux
2	9.8	8.9	n/a	11.9	n/a	n/a
2.5	9.4	8.2	n/a	12.9	n/a	n/a
3	8.7	7.5	n/a	13.1	n/a	n/a
3.5	8	6.8	n/a	13.4	n/a	n/a
4	5.9	4.8	n/a	14.5	n/a	n/a
6	6.4	4.5	n/a	13.2	5.2	n/a
8	n/a	n/a	n/a	11.1	7.3	n/a
10	n/a	n/a	n/a	9.8	8.9	n/a
12	n/a	n/a	n/a	7.8	10.1	n/a

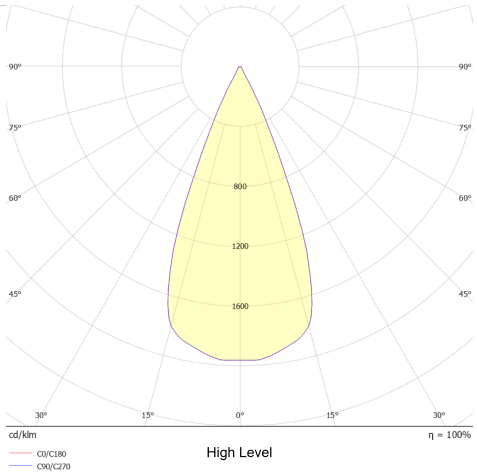
Light Output Curves



Open Area



Corridor



High Level

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As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.