LED-Lite High Output - obsolete

The LED-Lite High Output 270 lumen range of recessed and surface mount luminaires offers a simple method of providing discrete emergency lighting in areas that require a self-contained solution. Available with a symmetrical wide-angle lens or an asymmetrical 'corridor' lens for escape routes or a narrow 20 degree high level beam for highlighting points of emphasis, the luminaire simply requires a permanent 230 Volt supply (and addressable wiring) to provide effective non-maintained emergency lighting with a 3-hour duration. It is available in a maintained version for such applications as 'night lighting' in hospital wards. This version comes complete with a robust remote enclosure which houses all the control components. The LED-Lite High Output range fully supports all features of the LuxIntelligent test system. IP65 variants available for outside usage.

Operation

The LED-Lite High Output range 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 High Output range incorporates a green LED to provide battery charge indication. The luminaires will automatically provide emergency lighting in the event of a loss of local mains supply.

Installation

The LED-Lite recessed units can be discretely mounted in a 45mm cut-out or we also offer a surface mountable unit that contains all the necessary control gear within a wall or ceiling mountable box. Additionally when the 'corridor' lens is specified, the LED can easily be rotated to align the distribution along the escape route.

Features

- High output 270lm variant of our standard LED-Lite range
- 700mA driver for greater spacing and height requirements
- Available as open area, corridor or high-level lens versions
- Available as recessed and surface mount options
- IP65 variants available
- Reliable LED technology with low power consumption
- Excellent spacing values
- Discrete recessed LED luminaire
- Fully compatible with LuxIntelligent test system

Specification

Supply voltage	230 Volt (220-240V) @50Hz
Supply power	3.0W
Light source	3W white LED
Colour temperature	4500K
Body	Steel remote box
IP Rating	IP42 (IP65 available on request)
Ambient temperature	0 to 40°C
Cut-out diameter / minimum void depth	45mm / 175mm
Dimensions (H*W*D)	285 * 95 * 40 (mm) (remote box) 195 * 195 * 40 (mm) (surface mount)
Weight	1.2kg (recessed) 1.7kg (surface mount)
Battery	6V 4Ah NiCd (1 x 2 cell stick & 1 x 3 cell stick)
Lumens (emergency)	270lm

Order Codes and Options

LLED3/NM3/P/SUR/HO	LED-Lite Addressable Non-Maintained 3Hr 3W LED Open Area Lens (In White Surface Mount Box) 700mA High Output
LLED3/NM3/P/SUR/C/HO	LED-Lite Addressable Non-Maintained 3Hr 3W LED Corridor Lens (In White Surface Mount Box) 700mA High Output
LLED3/NM3/P/SUR/HL/HO	LED-Lite Addressable Non-Maintained 3Hr 3W LED High Level Lens (In White Surface Mount Box) 700mA High Output
LLED3/NM3/P/REM/HO	LED-Lite Addressable Non-Maintained 3Hr 3W LED Recess mount with remote metal housing Open Area Lens 700mA High Output
LLED3/NM3/P/C/REM/HO	LED-Lite Addressable Non-Maintained 3Hr 3W LED Recess mount with remote metal housing Corridor Lens 700mA High Output
LLED3/NM3/P/HL/REM/HO	LED-Lite Addressable Non-Maintained 3Hr 3W LED Recess mount with remote metal housing High Level Lens 700mA High Output
/BLK	Add suffix for black version
/WP	Add suffix for IP65 Weather Proof Version

Spacing Data

LED-Lite High Output with Open Area Lens

	Escape Route (1 lux)		Open area (0.5 lux)	
Height	Luminaire to Wall (m)	Luminaire to Luminaire (m)	Luminaire to Wall (m)	Luminaire to Luminaire (m)
2.0	4.1	12.5	4.7	12.5
2.5	3.8	12.2	4.5	13.4
3.0	3.4	11.6	4.2	13.2
3.5	3.1	10.9	3.9	12.9
4.0	2.5	10.2	3.6	12.2
6.0	n/a	n/a	n/a	n/a
8.0	n/a	n/a	n/a	n/a
10.0	n/a	n/a	n/a	n/a
12.0	n/a	n/a	n/a	n/a

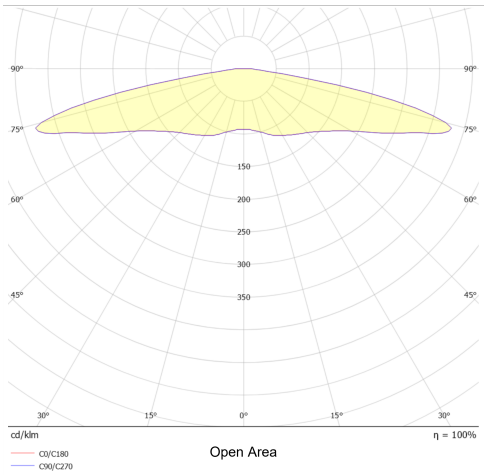
LED-Lite High Output with Corridor Lens

	Escape Route (1 lux)		Open area (0.5 lux)	
Height	Luminaire to Wall (m)	Luminaire to Luminaire (m)	Luminaire to Wall (m)	Luminaire to Luminaire (m)
2.0	5.7	14.2	n/a	n/a
2.5	6.2	15.5	n/a	n/a
3.0	6.3	16.6	n/a	n/a
3.5	6.4	17.5	n/a	n/a
4.0	6.4	17.7	n/a	n/a
6.0	5.7	18.0	n/a	n/a
8.0	3.8	16.6	n/a	n/a
10.0	n/a	n/a	n/a	n/a
12.0	n/a	n/a	n/a	n/a

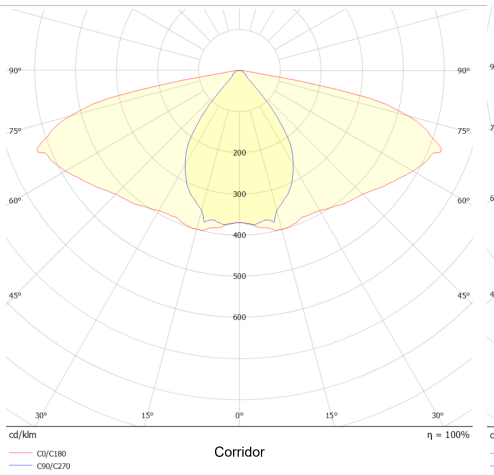
LED-Lite High Output with High Level Lens

	Escape Route (1 lux)		Open area (0.5 lux)	
Height	Luminaire to Wall (m)	Luminaire to Luminaire (m)	Luminaire to Wall (m)	Luminaire to Luminaire (m)
2.0	n/a	n/a	n/a	n/a
2.5	n/a	n/a	n/a	n/a
3.0	n/a	n/a	n/a	n/a
3.5	n/a	n/a	n/a	n/a
4.0	n/a	n/a	n/a	n/a
6.0	3.2	6.9	2.8	6.1
8.0	3.9	8.7	3.6	7.7
10.0	4.5	10.2	4.2	9.2
12.0	5.1	11.5	4.7	10.6

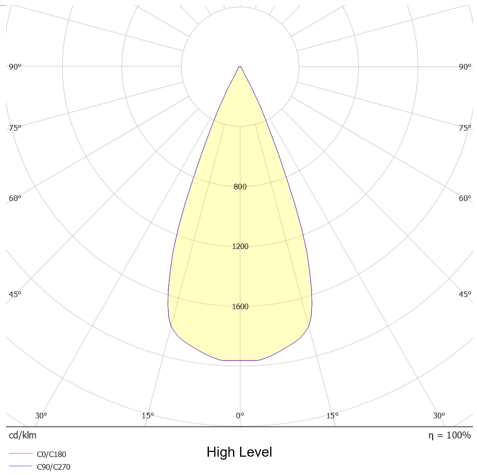
Light Output Curves



Open Area



Corridor



High Level

Surface Mount Downlighter Downlighter in Black

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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.