

## LED-Lite Surface

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:    | Surface-mount addressable LED-Lite 3 hour non-maintained 3W LED in white                        |
| LLED3/NM3/P/SUR/C:  | Surface-mount addressable LED-Lite 3 hour non-maintained 3W LED with 'corridor' lens in white   |
| LLED3/NM3/P/SUR/HL: | Surface-mount addressable LED-Lite 3 hour non-maintained 3W LED with 'high-level' lens in white |
| /BK                 | Add suffix for black finish   |
| /WP                 | Add suffix for IP65 Weather Proof version   |

## More Information

| Mounting Height | Open Area Lens             |                          | Corridor Area Lens         |                          | High-Level Lens            |                          |
|-----------------|----------------------------|--------------------------|----------------------------|--------------------------|----------------------------|--------------------------|
|                 | Spacing (m) min<br>0.5 lux | Spacing (m) min 1<br>lux | Spacing (m) min<br>0.5 lux | Spacing (m) min 1<br>lux | Spacing (m) min<br>0.5 lux | Spacing (m) min 1<br>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                      |

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