Mor-LED - obsolete

The Mor-LED bulkhead is a robust IP65-rated polycarbonate base combined with a clear fresnel lens housing 16 high-output white LEDs and a constant current maintained drive circuit. The luminaire provides 150 lumens and the lens generates a wide intensity distribution ideal for providing good luminance on an escape route. We are also able to offer a high output variant that produces 800 lumens, suitable for areas such as treatment rooms. A deep (150mm) opal diffuser is available to provide double-sided signage if required. The Mor-LED fully supports all features of the LuxIntelligent test system and complies fully with all the relevant requirements of EN60598.2.22.

Operation

The Mor-LED is supplied with integral maintained emergency lighting control gear. The non-maintained operation is achieved by excluding the switched live supply. The self-contained variants offer 3-hour emergency lighting duration from integral nickel cadmium batteries. The luminaires can be used for standard switched mains lighting but will automatically provide emergency lighting in the event of a loss of local mains supply. The benefits of modern LEDs are well documented. They are very energy efficient and offer very long life (typically over 50,000 hours). They also operate at low temperatures (no cold starting problems) and do not create higher internal temperatures, thereby improving the life of the internal batteries as well as making them more suitable for use in cold store environments. They are ideal for low-maintenance applications offering 4 to 5 years of maintenance-free operation. 20mm drilling points are available at either end of the base as well as one on the rear.



Features

- Fully compatible with LuxIntelligent test system
- Long-life LEDs (50,000 hours)
- IP65-rated bulkhead
- Low power consumption (less than 10W)
- Suitable for use in cold stores (down to -20C)
- Fully complies with all aspects of EN60598.2.22
- Lens can be fitted with 100mm high self-adhesive signs
- 150 Lumens output as standard
- High output 800 Lumens variant available

Specifications

Supply voltage	230 Volt (220-240V) @50Hz
Supply power	3.0W
Charge power (typical)	1.2W
Light source	16 white LEDs
Colour temperature	4600K
Cable entry	20mm drilling points (polycarbonate)
Construction	White polycarbonate base & optical grade, UV stabilised lens
Geartray	Hinged white plastic
IP ratings	IP65 (at 25°C)
Dimensions (H*W*D)	350 * 120 * 65 (mm)
Weight	1.1kg (1.2kg with deep diffuser)
Battery	1 x 3.6V 1.5Ah NiCd
Luminaire lumens (mains & emergency)	150lm
Luminaire lumens (high output version emergency)	800lm

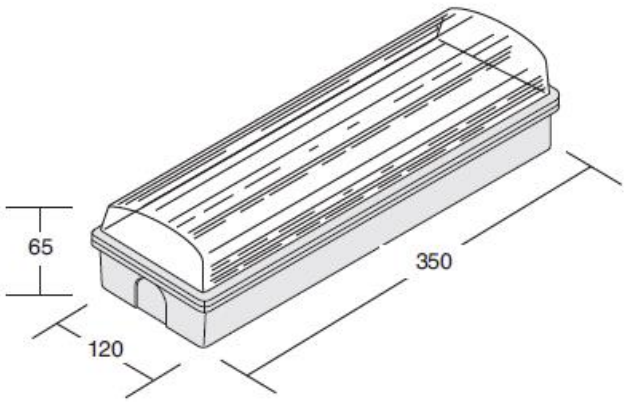
Order Codes and More Information

RLED/M3/P	Mor-LED IP65 Bulkhead, Surface Mount, Maintained, Addressable
RLED/NM3/P/FR	Mor-LED IP65 Bulkhead, Surface Mount, Non-Maintained, Addressable
RLED/SL/B	Mor-LED Semi-Recessing Bezel (120mm x 350mm bulkhead)
RLED/DDS	Mor-LED IP65 Deep Double Sided Diffuser for Escape Sign Conversion (including Adhesive Legends)*
LEG-001	Mor-LED, Self Adhesive Escape Sign - EC Arrow (Adjustable Direction)**

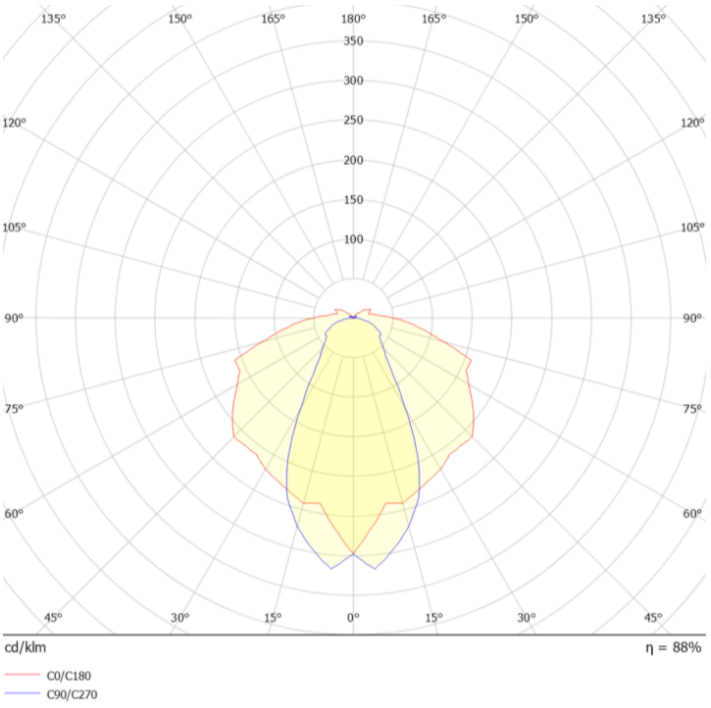
*RLED/DDS = 32m viewing distance / **LEG-001 = 25m viewing distance

Mounting Height (M)	Trans. to wall	Trans. to trans.	Axial to trans.	Axial to axial	Axial to wall	
2.5	1.6	5.9	4.3	3.0	1.0	1 lux min. at centre
4.0	1.1	4.7	3.6	2.6	0.4	
2.5	2.6	8.7	7.2	4.7	1.2	0.5 lux min. (open area)
4.0	1.9	8.5	7.0	4.5	0.6	

Dimensions



Light Output Curve



Deep Double-Sided Diffuser



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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.