

Vapour-LED IP65 Non-Corrosive

The Vapour-LED is a linear, IP65, non-corrosive, vapour-proof luminaire that fully supports all features of the LuxIntelligent test system and complies fully with all the relevant requirements of EN60598.2.22.

The Vapour-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 metal hydride batteries (NiMH). 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. They are ideal for low-maintenance applications offering 4 to 5 years of maintenance-free operation and provide an excellent solution to anywhere with a high lux requirement.

Utilising bespoke led modules, these long-life/low maintenance luminaires are ideally suited for interior and exterior lighting applications where energy efficiency and low maintenance costs are of prime importance. The Vapour-LED luminaires provide a low energy, long life alternative to conventional linear fluorescent luminaires. The Vulcan LED luminaire is more tolerant to temperature extremes than fluorescent equivalents and is ideally suited to areas where access would be difficult for regular lamp replacement schedules.

The IP65 rated enclosure is suitable for surface or suspended installation. The sealed polycarbonate enclosure utilises stainless steel clips making the complete luminaire ideal for food preparation areas. The high transmission opal diffuser is optimised for a wide photometric distribution and the Vapour-LED IP65, non-corrosive, vapour-proof LED luminaires provide excellent general illuminance with very low energy consumption and LED's exceeding 50,000 hours continuous use.



Features

- Fully compatible with LuxIntelligent test system
- High output 535 Lumens in Emergency Mode
- 4550 Lumens in Mains Operation
- Low power consumption, long-life LEDs (50,000+ hours)
- IP65-rated
- Non-corrosive / vapour-proof

Specifications

Light source	High power LED on aluminium heat sink
Construction	Poly carbonate enclosure and special opal diffuser
Dimensions	1500mm (L) x 110mm (W) x 75mm (H)
Light source	Two rows LED modules (53W)
Luminaire lumens	4550lm mains / 535lm emergency
IP rating	IP65
Environmental rating	Ta25
Insulation class	Class I
Supply voltage	230V 50Hz
Supply power	53W
Battery	6V 4AH NIMH (2C + 3C)
Weight	4.0KG

Order Codes

VPLED/M3/P	Vapour-LED IP65 Non-Corrosive Luminaire, Vapour Proof, Surface Mount, Maintained, Addressable
VPLED/230	Vapour-LED IP65 Non-Corrosive Luminaire, Vapour Proof, Surface Mount, Mains Only, Non-Addressable

More Information

1 lux minimum at centre line (escape route)

Mounting Height (M)	Trans. to wall	Trans. to trans.	Axial to trans.	Axial to axial	Axial to wall
2.5	4.8	12.1	10.9	4.2	10.3
4.0	5.5	14.3	12.9	4.9	12.5
8.0	5.1	16.1	14.5	4.6	14.6
10.0	3.5	15.5	14.0	3.2	14.1
12.0	0.0	13.7	12.3	0.0	12.6

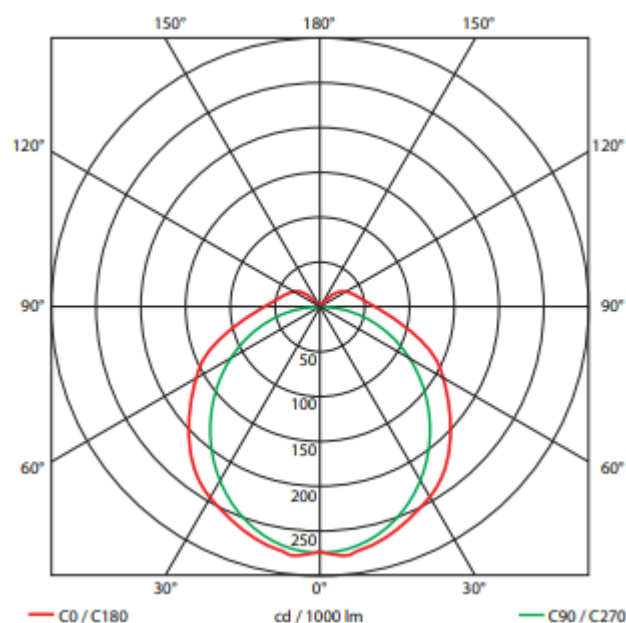
0.5 lux minimum (open area)

Mounting Height (M)	Trans. to wall	Trans. to trans.	Axial to trans.	Axial to axial	Axial to wall
2.5	6.1	15.0	13.5	5.1	12.5
4.0	7.1	18.0	16.2	6.2	15.4
8.0	8.1	22.1	19.9	7.2	19.7
10.0	7.7	22.8	20.5	7.0	20.5
12.0	6.9	22.7	20.4	6.2	20.6

Dimensions



Light Output Curve



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Advanced, The Bridges, Balliol Business Park, Newcastle, NE12 8EW, UK T: +44 (0)1670 707 111, E: enquiries@luxintelligent.com, W: www.luxintelligent.com

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