

VMXII.1.LA124.V2.D4D4.SE2.C9.01.C.LRD.E11.W098.NLD



Product image may not represent the final configuration stated above.



PRODUCT SPECIFICATION

[www](http://www.holophane.co.uk) VMXII HOLOPHANE WEBSITE

Holophane V-Max is a state of the art road lighting luminaire. Ultra-low profile design combined with a patented modular chevron light engine concept built in system sizes. High pressure die-cast marine grade LM6 aluminium body, spigot adaptor and chevrons (EN 1706 AC-44100). Extruded 6063-T6 Aluminium spine. Finished with a TGIC-free polyester powder coating. The luminaire shall be sealed to IP69 (IP66 with NEMA or ZD4i socket) and rated to IK07. Suitable for either Post-top or Side-entry mounting with ability to adjust on-site by -10° to +10° tilt in 2.5° increments. Hinged canopy design with integrated locked service position allowing fast and safe installation and maintenance. The canopy has provision for the inclusion of an anti-fall device. CIBSE TM66 (CEAM) Rating: 2.8 - Excellent Circularity. If not supplied with factory fitted flying lead, only use flex cable diameter from 6mm to 13mm. International Dark-Sky Association Approved (colour temperatures 3000K or warmer are approved under the IDA).



This specific SKU includes:

- Series 1
- LED light engine producing c.12,000 lm with a nominal 4000°K colour temperature
- 2 LED chevrons
- D4D4 optical setting
- 60mm side entry mounting
- Metallic Silver (RAL9006)
- Tool-less entry
- Enhanced paint finish
- DALI enabled (any on site controls wiring should be completed in compliance with the respective control system's installation instructions (and limitations). Holophane cannot be held responsible for the operation of its luminaires with third party control systems)
- 11 metres of 1.5mm² 3 or 5 core single cable flex (5 core if LRD is selected)
- 98W

PERFORMANCE

Drive Current from Driver:	957mA
Power:	98W
Fitting Current:	0.44A
Power Factor:	0.99
Fitting Inrush:	53A - 0.3ms
Number of Drivers:	1
1x Driver 1 Inrush:	53A - 0.3ms
Max Drivers per 16A Type B MCB:	8
Max Fittings per 16A Type B MCB:	8
Total Number of LEDs:	16
Minimum Dim Level:	7 %
Optical Risk Group:	1



7.8Kg₂



0.033M



42 0098 0000 100*



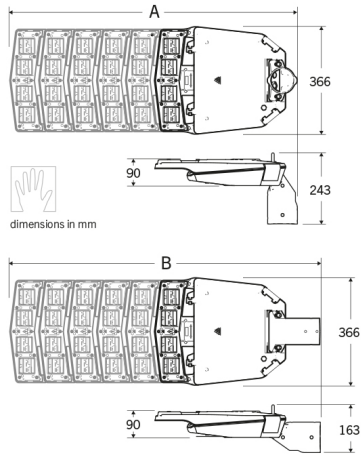
[Installation Guide](#)

*Generic UMSUG code based on product wattage and some or all of product family being included within Elexon data base.

DIMENSIONS

CIBSE TM66 - CEAM RATING

Configuration	A	B
V-Max 1 Chevron	498	578
V-Max 2 Chevron	599	679
V-Max 3 Chevron	700	780
V-Max 4 Chevron	801	881
V-Max 5 Chevron	902	982
V-Max 6 Chevron	1003	1083



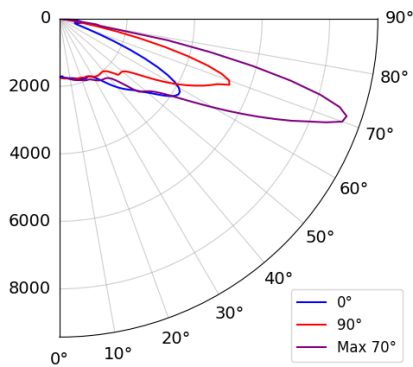
2.8*

0 to 0.5	0.5 to 1.5	1.5 to 2.5	2.5 to 4.0
Very poor circular economy performance	Some circular economy functionality	Definite/substantial progress to circularity	Excellent circularity

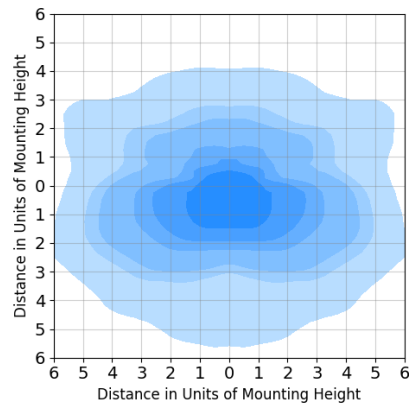
*Preliminary Rating

PHOTOMETRY [↓ IES FILE](#)

Polar Plot

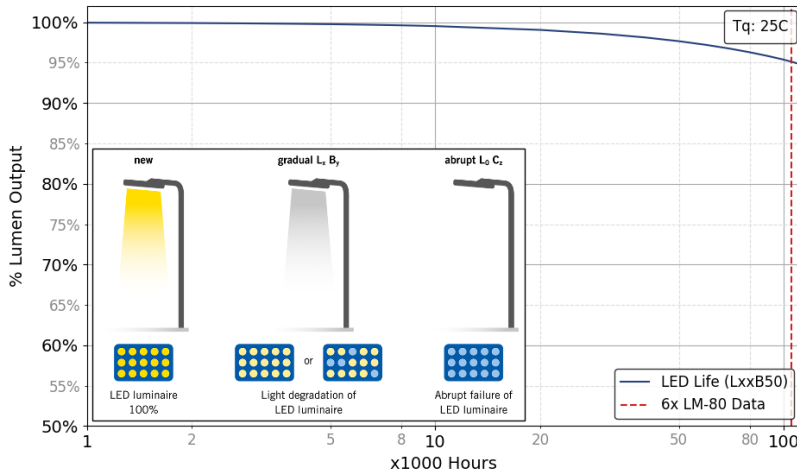


Isoilluminance Plot



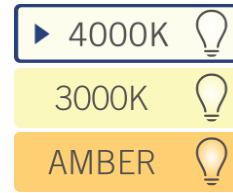
Lumens:	12,401
CCT:	4000K
CRI:	70
IES File:	VMXII.1.LA124.V2.D4D4.W098 (TZ)
G-Class:	G*3 Imax @ ≥ 70°: 724 Imax @ ≥ 80°: 99 Imax @ ≥ 90°: 0

LLMF GRAPH



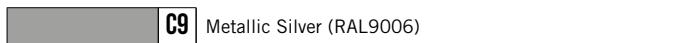
For reference purposes, the graph extrapolates beyond the recommend 6x LM-80 data in TM-21, which our calculations are based on.

COLOUR TEMPERATURES

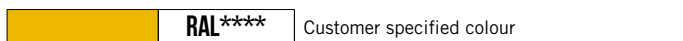


COLOURS

Selected Colour

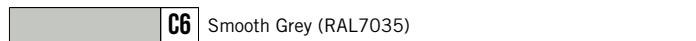
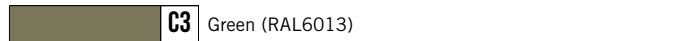


Custom Colour Available



*Choosing a custom colour may increase the cost and lead time.

Standard Colours Available



Lumen data is considered to be representative of the configuration shown, and may vary, with a tolerance on flux of +/- 7% (typical of LED manufacturer's data) and luminaire power of +/- 5%.

The specifications of the Holophane luminaires represents typical values. All descriptions, illustrations, drawings and specifications in the Holophane catalogue, Datasheets and website represent only general particulars of the goods to which they apply and shall not form part of any contract. The company reserves the right to change specifications at its discretion without prior notification or public announcement.