

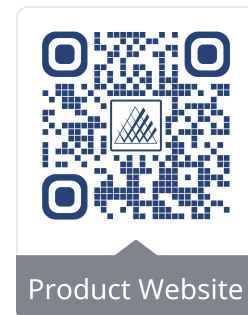
Product image may not represent the final configuration stated above.



# PRODUCT SPECIFICATION

 [www.holophane.co.uk](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.7,000 lm with a nominal 4000K colour temperature
- 1 LED chevron
- 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 1.5mm<sup>2</sup> 3 or 5 core single cable flex (5 core if LRD is selected)
- 65W

# PERFORMANCE

<b>Drive Current from Driver:</b>	1,261mA
<b>Power:</b>	65W
<b>Fitting Current:</b>	0.29A
<b>Power Factor:</b>	0.98
<b>Fitting Inrush:</b>	43A - 0.26ms
<b>Number of Drivers:</b>	1
<b>1x Driver 1 Inrush:</b>	43A - 0.26ms
<b>Max Drivers per 16A Type B MCB:</b>	10
<b>Max Fittings per 16A Type B MCB:</b>	10
<b>Total Number of LEDs:</b>	16
<b>Minimum Dim Level:</b>	8 %
<b>Optical Risk Group:</b>	1



6.3Kg<sub>2</sub>



0.03M



42 0065 0000 100\*

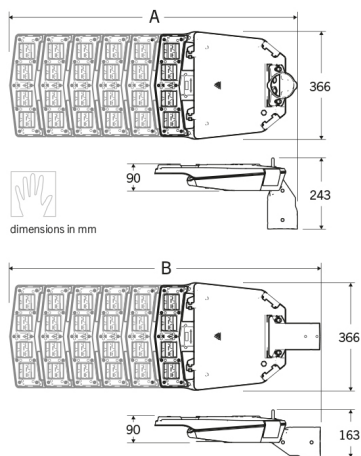


[Installation Guide](#)

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

## DIMENSIONS

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



## CIBSE TM66 - CEAM RATING

2.8\*

0 to 0.5

Very poor  
circular  
economy  
performance

0.5 to 1.5

Some circular  
economy  
functionality

1.5 to 2.5

Definite/  
substantial  
progress to  
circularity

2.5 to 4.0

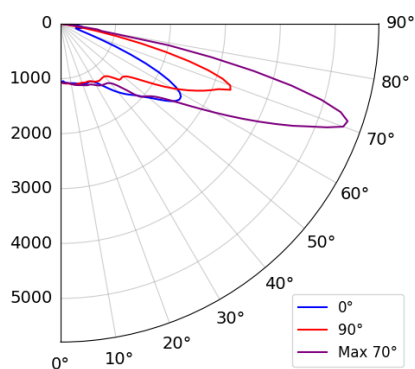
Excellent  
circularity

\*Preliminary Rating

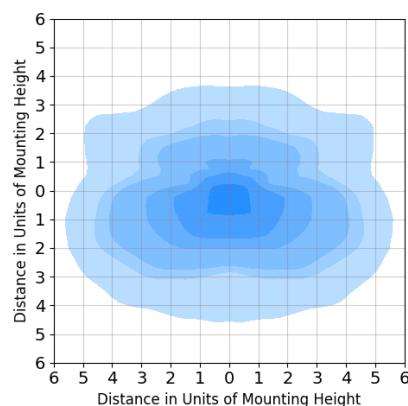
## PHOTOMETRY



Polar Plot

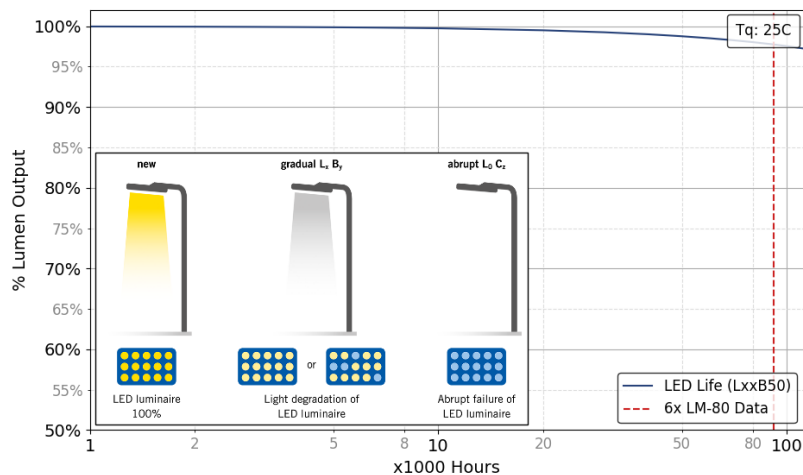


Isoilluminance Plot



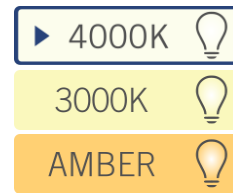
<b>Lumens:</b>	7,621
<b>CCT:</b>	4000K
<b>CRI:</b>	70
<b>IES File:</b>	VMXII.1.LA074.V1.D4D4.W065 (TZ)
<b>G-Class:</b>	G*3 Imax @ $\geq 70^\circ$ : 724 Imax @ $\geq 80^\circ$ : 99 Imax @ $\geq 90^\circ$ : 0

## 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

**C9** Metallic Silver (RAL9006)

### Custom Colour Available

**RAL\*\*\*\*** Customer specified colour

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

### Standard Colours Available

**C1** Smooth White (RAL9016)

**C3** Green (RAL6013)

**C4** Smooth Graphite (RAL7011)

**C6** Smooth Grey (RAL7035)

**C7** Textured Black (RAL9005)

**C9** Metallic Silver (RAL9006)

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.