

> Datasheet - EXTERNAL - HMAO
HMAO.4.LC304.FW.C9.LRD.C.NLD



Product image may not represent the final configuration stated above.



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Product Specification HMAO Holophane Website

Holophane High Mast Advanced Optix luminaire. Fully ventilated and finned die-cast aluminium housing with optical performance delivered by prismatic glass lenses manufactured from borosilicate glass to ensure longevity and minimise dirt depreciation. Each glass lens houses a multi die LED 'chip on board' and creates individual optical pods. International Dark-Sky Association Approved (colour temperatures 3000K or warmer are approved under the IDA). This specific SKU includes:

- Series 4
- LED light engine producing c.30,000 lm with a nominal 4000K colour temperature
- Forward throw light distribution
- Metallic Silver (RAL9006)
- 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)
- Enhanced paint finish. Built in 10Kv Surge Protection.



Performance

Drive Current from Driver:	565mA
Power:	180W
Fitting Current:	0.81A
Power Factor:	0.97
Fitting Inrush:	106A - 0.3ms
Number of Drivers:	2
2x Driver 1 Inrush:	53A - 0.3ms
Max Drivers per 16A Type B MCB:	8
Max Fittings per 16A Type B MCB:	4
Total Number of LEDs:	0
Minimum Dim Level:	12 %
Optical Risk Group:	1



23Kg₂

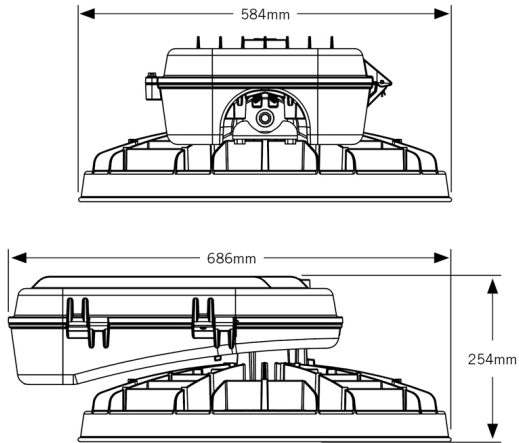


0.12M



[Installation Guide](#)

Dimensions



CIBSE TM66 - CEAM Rating

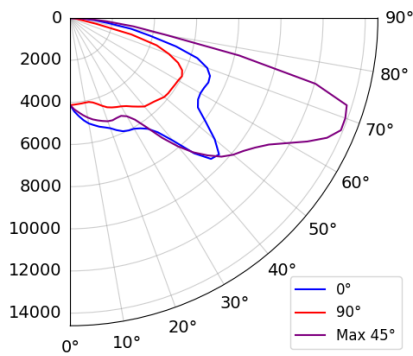
2.3*

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

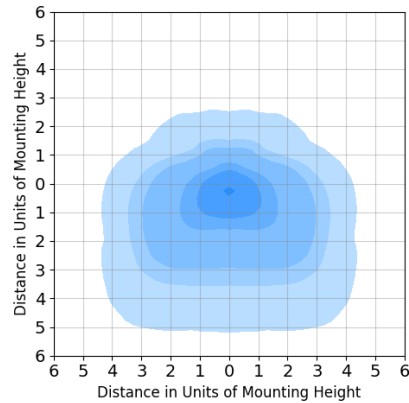
*Preliminary Rating

Photometry [↓ IES File](#)

Polar Plot



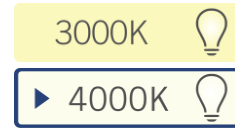
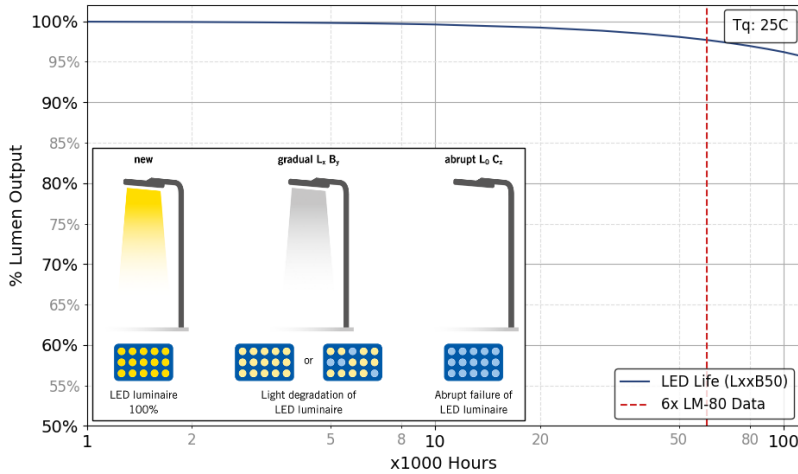
Isoilluminance Plot



Lumens:	25,787
CCT:	4000K
CRI:	70
IES File:	HMAO.4.LC304.FW

LLMF Graph

Colour Temperatures



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

Colours

Selected Colour



Standard Colours Available



Custom Colour Available



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

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.