ATLANTIC GROUP
Mechanical & Electrical Contractors

Technical/Product Data Submission Sheet

Issuing Company: ATLANTIC GROUP **Date of Issue**: 11.01.24 **Technical Submittal No:** TSE-014 **Revision No:** 0 **Issued By:** Martin Paladino	**Issued To**: Torsion Construction **Project:** One Victoria, Manchester **Project No:** 00205
Title: External lighting	**No of pages inc cover:** 10
Confirmation Required By: 26.01.24	

x	Specified Item		Equal or Approved
	Preferred Supplier		VE Agreed

Manufacturers:

- Holophane

Contents List:

- DWL.1.LA034.AY.C7.W018
- DWL.1.LA024.NR.C7.W011

DATASHEET - EXTERNAL - DWL

DWL.1.LA034.AY.C7.W018

MADE IN BRITAIN

ida DARK SKY APPROVED by the International Dark-Sky Association darksky.org

Product image may not represent the final configuration stated above.

https://www.holophane.co.uk/

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E info@holophane.co.uk

Holophane Europe Limited
Bond Avenue, Milton Keynes
Buckinghamshire MK1 1JG
United Kingdom

PRODUCT SPECIFICATION

DWL HOLOPHANE WEBSITE

Holophane Denver iD: Wall consists of a 2-part body and a removable LED module manufactured from LM6 marine grade die-cast aluminum with integrated thermal management properties. The LED module optical arrangement consists of LEDs with individual PMMA optical lenses surrounded by a patented white Transition Zone to reduce perceived glare. This is sealed behind high-transparency 'hydrophilic' glass. Both luminaire body and LED module are sealed to IP65 and rated IK10. Drivers and LED are mounted separately from each other to promote low operating temperatures and long system life. Mounting of the lumianire is facilitated by mounting the back casting of luminaire to suitable surface. Cable entry and termination to the luminaire is a via an 2 x IP65 M20 cable gland. International Dark-Sky Association Approved (colour temperatures 3000K or warmer are approved under the IDA).
This specific SKU includes:

Product Website

- Series 1
- LED light engine producing c.3,000 lm with a nominal 4000K colour temperature
- Asymmetric light distribution
- Black (RAL9005)
- 18W

PERFORMANCE

Drive Current from Driver:	650mA
Power:	18W
Fitting Current:	0.08A
Power Factor:	0.99
Fitting Inrush:	15A - 0.36ms
Number of Drivers:	1
1x Driver 1 Inrush:	15A - 0.36ms
Max Drivers per 16A Type B MCB:	23
Max Fittings per 16A Type B MCB:	23
Total Number of LEDs:	8
Minimum Dim Level:	11 %
THDi:	7.6
SVM:	0.07
Pst LM:	0.12
Optical Risk Group:	1

6.5Kg

Installation Guide

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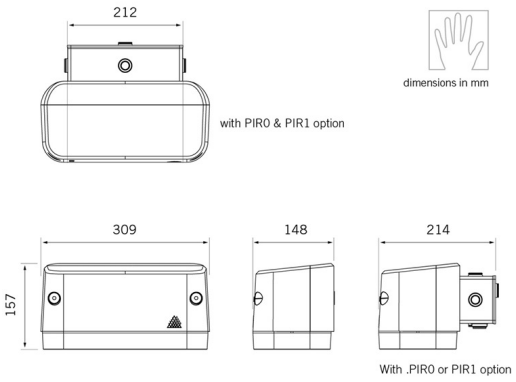
DIMENSIONS



CIBSE TM66 - CEAM RATING

2.6*

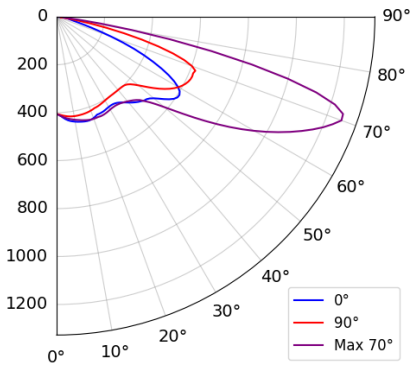
0 to 0.5	0.5 to 1.5	1.5 to 2.5	2.5 to 4.0
Very poor circular economy performance	Some circular economy functionality	Definite/ substantial progress to circularity	Excellent circularity

*Preliminary Rating

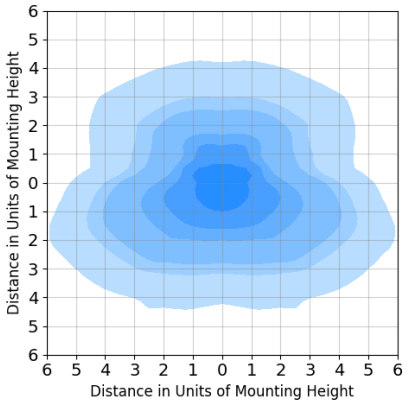
PHOTOMETRY

IES FILE

Polar Plot



Isoilluminance Plot



Lumens:	2,384
CCT:	4000K
CRI:	70
IES File:	DWL.1.LA034.AY.W018
G-Class:	G*2 Imax @ ≥ 70°: 530 Imax @ ≥ 80°: 134 Imax @ ≥ 90°: 0

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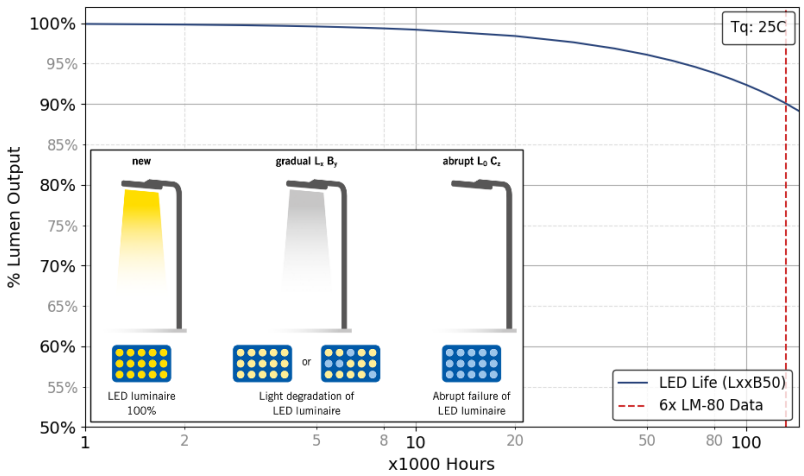
LLMF GRAPH



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

COLOUR TEMPERATURES

2700K

3000K

▶ 4000K

COLOURS

Selected Colour

C7 Textured Black (RAL9005)

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)

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.

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DATASHEET - EXTERNAL - DWL

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This specific SKU includes:

Product Website

- Series 1
- LED light engine producing c.2,000 lm with a nominal 4000°K colour temperature
- Long and Narrow light distribution
- Black (RAL9005)
- 11W

PERFORMANCE

Drive Current from Driver:	360mA
Power:	10.3W
Fitting Current:	0.05A
Power Factor:	0.97
Fitting Inrush:	15A - 0.36ms
Number of Drivers:	1
1x Driver 1 Inrush:	15A - 0.36ms
Max Drivers per 16A Type B MCB:	23
Max Fittings per 16A Type B MCB:	23
Total Number of LEDs:	8
Minimum Dim Level:	19 %
THDi:	8.5
SVM:	0.07
Pst LM:	0.12
Optical Risk Group:	1

6.5Kg

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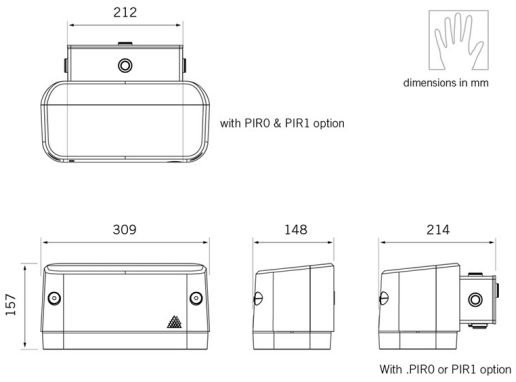

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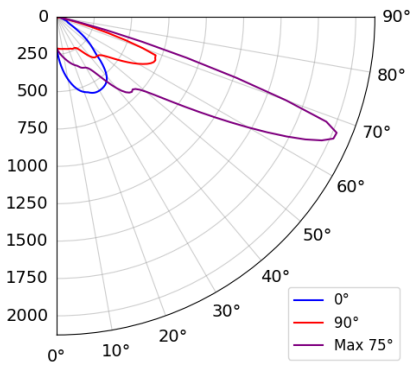

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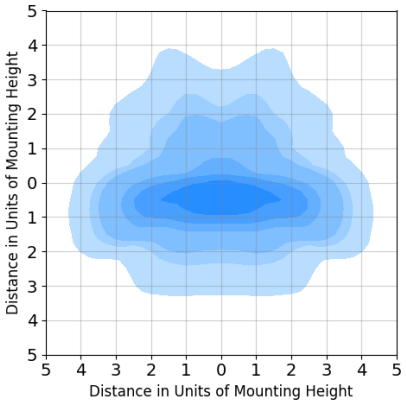

Lumens:	1,541
CCT:	4000K
CRI:	70
IES File:	DWL.1.LA024.NR.W011
G-Class:	G*3 Imax @ ≥ 70°: 1059 Imax @ ≥ 80°: 34 Imax @ ≥ 90°: 0

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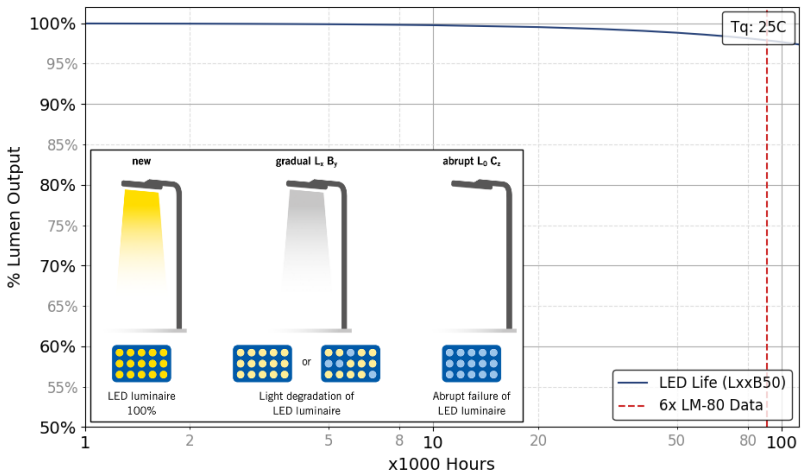

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C7 Textured Black (RAL9005)

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SUMMARY P183-822 - ONE VICTORIA, GREAT DUCIE STREET, MANCHESTER

Line No.	Item Ref	Quantity	Catalogue
LUMINAIRE			
10	AW	3	DWL.1.LA034.AY.C7.W018
LUMINAIRE			
20	BW	5	DWL.1.LA024.NR.C7.W011

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