

> DATASHEET - EXTERNAL - DPL

DPL.1.LA044.AY.C9.W030



Product image may not represent the final configuration stated above.



PRODUCT SPECIFICATION

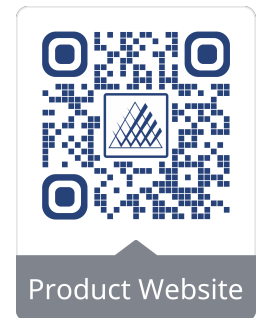


DPL HOLOPHANE WEBSITE

DPL.1.LA044.AY.C9.W030

Holophane Denver iD: Pole 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 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 contained within separate housings to promote low operating temperatures and long system life. Column mounting of the luminaire is facilitated by a bespoke post-top bracket (ordered separately). Cable entry and termination to the luminaire is via an IP65 cable gland. 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.4,000 lm with a nominal 4000K colour temperature
- Asymmetric light distribution
- Metallic Silver (RAL9006)
- 30W



DPLB.5.1A.LMZ.GV9

Holophane tubular base compartment column for use with Denver iD Pole luminaires. 5 metre, Single head, For light & medium area wind zones (compliant to EN40). Bracket galvanised and painted metallic silver (RAL9006)#DO NOT REMOVE THIS RECORD#

PERFORMANCE

Drive Current from Driver:	575mA
Lumens:	4,470
CCT:	4000K
CRI:	70
Power:	30W
Fitting Current:	0.13A
Fitting Inrush:	22A - 0.29ms
Number of Drivers:	1
1x Driver 1 Inrush:	22A - 0.29ms



6.1Kg



42 0030 0000 100 *

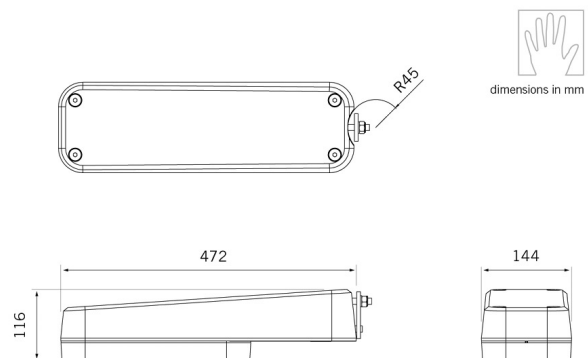


0.042M₂



[Installation Guide](#)

DIMENSIONS

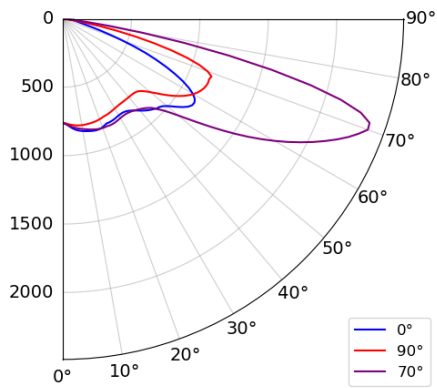


* Generic UMSUG code based on product wattage and some or all of product family being included within Elexon data base.

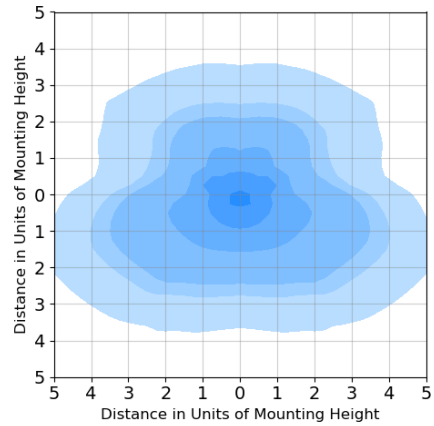
PHOTOMETRY



Polar Plot

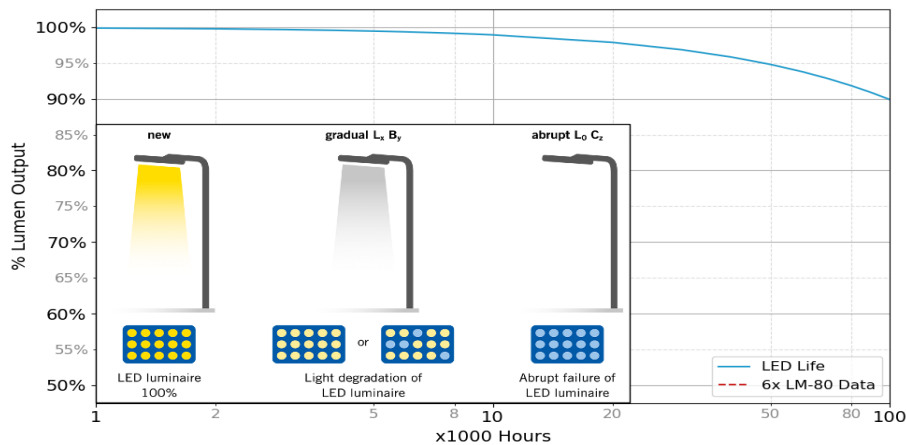


Isoilluminance Plot



IES File: DPL.1.LA044.AY.W030

LLMF GRAPH



For reference purposes, the graph extrapolates beyond the recommend 6x LM-80 data in TM-21, which our calculations are based on. Graph shows data for LxB50.

COLOUR TEMPERATURES



COLOURS

Selected Colour

	C9	Metallic Silver (RAL9006)
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Custom Colour Available

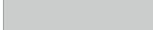
	RAL****	Customer specified colour
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*Choosing a custom colour may increase the cost and lead time.

Standard Colours Available

	C1	Smooth White (RAL9016)
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	C4	Smooth Graphite (RAL7011)
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	C6	Smooth Grey (RAL7035)
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	C7	Textured Black (RAL9005)
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	C9	Metallic Silver (RAL9006)
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CIBSE TM66 - CEAM RATING

Preliminary Rating: 2.5

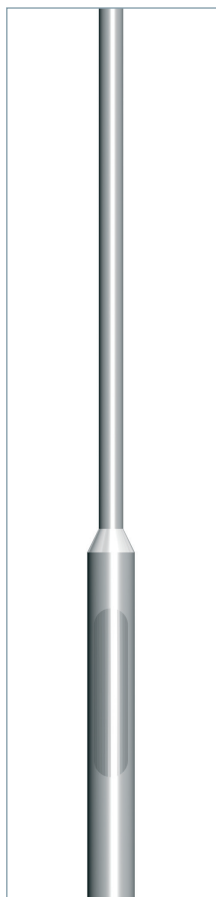
How to analyse the score	
0 to 0.5	Very poor circular economy performance
0.5 to 1.5	Some circular economy functionality
1.5 to 2.5	Definite/substantial progress to circularity
2.5 to 4.0	Excellent circularity

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.

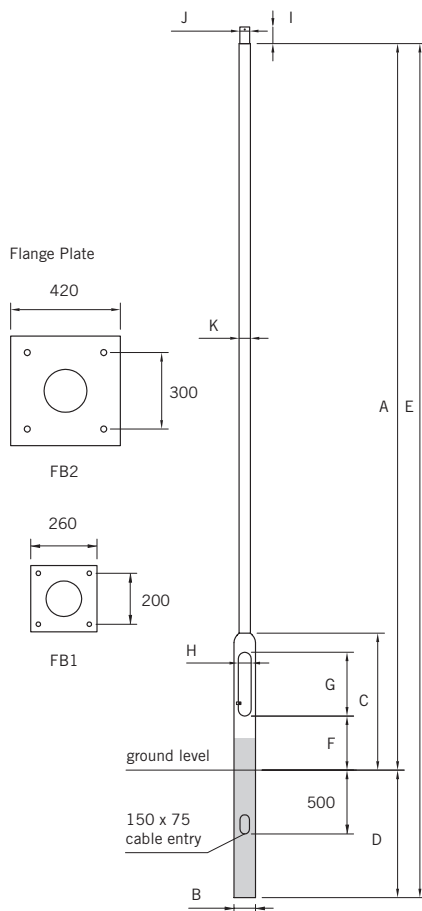
> DATASHEET

DPLB.5.1A.LMZ.GV9



Holophane products that are suitable

CityMax
Denver Elite pole
D-Series
Factor
Factor small
V-Max



	Nominal Height	Base Diameter*	Base Height	Planting Depth	Overall Length	Door to Ground	Door Opening Length	Door Opening Width	Spigot Length*	Spigot Diameter*	Shaft Diameter*	Weight kg*	Bending Moment (ULS) Nm
description	A	B	C	D	E	F	G	H	I	J	K		
2.5m standard duty	2500	140	1075	800	3300	400	500	100	-	-	76	27	2100
3m standard duty	3000	140	1075	800	3800	400	500	100	-	-	76	30	4666
3.5m standard duty	3500	140	1075	800	4300	400	500	100	-	-	76	32	2100
4m standard duty	4000	140	1075	800	4800	400	500	100	-	-	76	34	6484
4.5m standard duty	4500	140	1075	800	5300	400	500	100	-	-	76	37	5108
5m standard duty	5000	140	1075	800	5800	400	500	100	-	-	76	39	6149
5.5m standard duty	5500	140	1075	1000	6500	400	500	100	-	-	76	44	6003
6m standard duty	6000	140	1075	1000	7000	400	500	100	-	-	76	46	5999
6m heavy duty	5700	168	1200	1000	6700	400	600	115	130	76	89	71	10404
8m standard duty	7700	168	1200	1200	8900	400	600	115	130	76	89	89	10072
8m heavy duty	7700	168	1300	1200	9000	500	600	115	250	101	114	107	15699
8m extra heavy duty	7700	194	1300	1200	9000	500	600	115	250	127	140	136	18973
10m standard duty	9700	168	1300	1500	11200	500	600	115	250	101	114	150	18067
10m heavy duty	9700	194	1300	1500	11200	500	600	115	250	127	140	168	23193
10m extra heavy duty	9700	194	1300	1500	11200	500	600	115	250	152	168	220	28317
12m standard duty	11700	194	1300	1700	13400	500	600	115	250	127	140	213	26251
12m heavy duty	11700	194	1300	1700	13400	500	600	115	250	127	168	260	40390

* Exclusion TBC

2.5-6m std Poles Flange Plate FB1 Bolts M18 x 400

8-12m std Poles Flange Plate FB2 Bolts M24 x 820

Flange Plate and Anchor Bolt information will be confirmed at time of order due to the necessity in ensuring the correct plate and Anchor Bolts are supplied.

Column type to be confirmed at time of order as this is based on luminaire weight, windage and geographical location.

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United Kingdom



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T +44 (0)1908 549 292
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stepped steel - CityMax Large only post top

	Nominal Height	Base Diameter	Base Height	Planting Depth	Overall Length	Door to Ground	Door Opening Length	Door Opening Width	Spigot Length	Spigot Diameter	Shaft Diameter	Weight kg	Bending Moment (ULS) Nm
description	A	B	C	D	E	F	G	H	I	J	K		
6m	6000	140	1075	1000	7000	400	500	115	-	-	-	46	5999
8m	7700	168	1300	1200	9000	500	600	115	100	76	114	107	15699
10m	9700	168	1300	1500	11200	500	600	115	100	76	114	150	18067
12m	11700	194	1300	1700	13400	500	600	115	100	76	140	168	26251
15m	14700	194	1200	2000	17000	400	600	115	100	76	168	306	40300

twin head

	Nominal Height	Base Diameter	Base Height	Planting Depth	Overall Length	Door to Ground	Door Opening Length	Door Opening Width	Spigot Length	Spigot Diameter	Shaft Diameter	Weight kg	Bending Moment (ULS) Nm
description	A	B	C	D	E	F	G	H	I	J	K		
8m	7400	194	1200	1200	8800	400	600	115	200	127	139.7	125	22610
10m	9400	194	1200	1500	11100	400	600	115	200	152.4	168.3	208	39131
12m	11400	194	2500	1700	13300	1000	600	115	200	152.4	168.3	295	41585

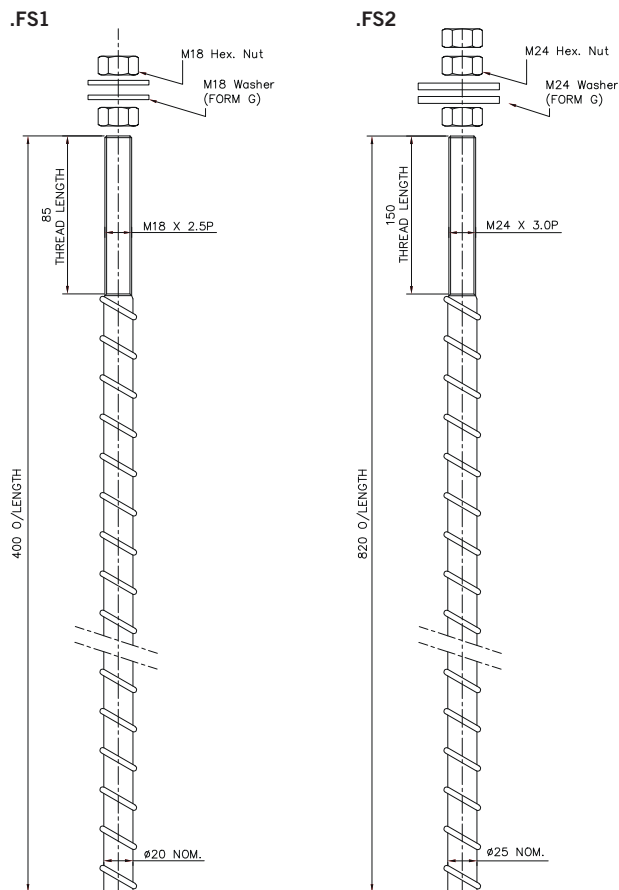
Note: For Terrain Category 2 locations LMZ, HVZ & HEZ

For columns supplied with optional flange base Holophane offers two types of foundation bolts.

Note: The material used for the bolts is Fe E500 grade steel, with yield strength 500 N/mm2 and minimum UTS 550 N/mm2.

HEL.FS1 M18 Bolts (FS1) x 400 mm long

HEL.FS2 M24 Bolts (FS2) x 820 mm long



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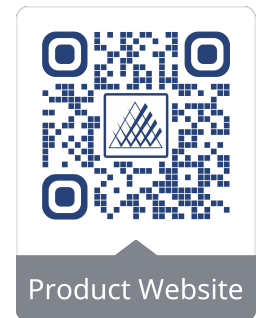


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- Series 1
- LED light engine producing c.4,000 lm with a nominal 4000K colour temperature
- Forward throw light distribution
- Metallic Silver (RAL9006)
- 30W



DPLB.5.1A.LMZ.GV9

Holophane tubular base compartment column for use with Denver iD Pole luminaires. 5 metre, Single head, For light & medium area wind zones (compliant to EN40). Bracket galvanised and painted metallic silver (RAL9006)#DO NOT REMOVE THIS RECORD#

PERFORMANCE

Drive Current from Driver:	575mA
Lumens:	4,502
CCT:	4000K
CRI:	70
Power:	30W
Fitting Current:	0.13A
Fitting Inrush:	22A - 0.29ms
Number of Drivers:	1
1x Driver 1 Inrush:	22A - 0.29ms



6.1Kg



42 0030 0000 100 *

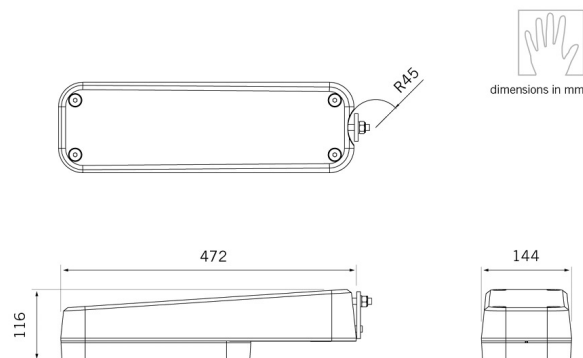


0.042M₂



[Installation Guide](#)

DIMENSIONS

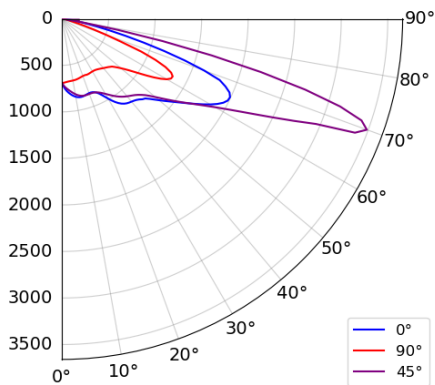


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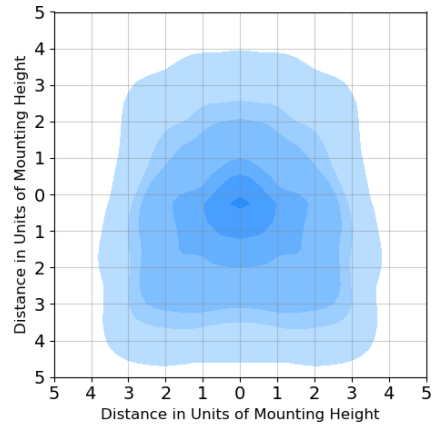
PHOTOMETRY



Polar Plot

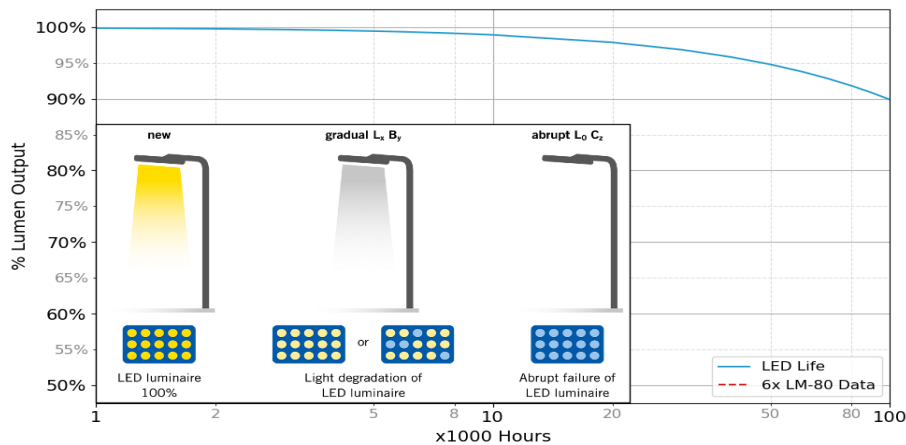


Isoilluminance Plot



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COLOUR TEMPERATURES



COLOURS

Selected Colour

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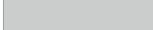
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Preliminary Rating: 2.5

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SUMMARY

P183-767 - MEA HUB MANCHESTER

Line No.	Item Ref	Quantity	Catalogue
LUMINAIRE, COLUMN AND BRACKET PACKAGE			
10	A1	3	DPL.1.LA044.AY.C9.W030
11	A1	3	DPLB.5.1A.LMZ.GV9
LUMINAIRE, COLUMN AND BRACKET PACKAGE			
20	B1	8	DPL.1.LA044.FW.C9.W030
21	B1	8	DPLB.5.1A.LMZ.GV9