

product_datasheet_title

DP 1500 46W 830 IP65 GY

DAMP PROOF | Damp-proof luminaires, classic shape



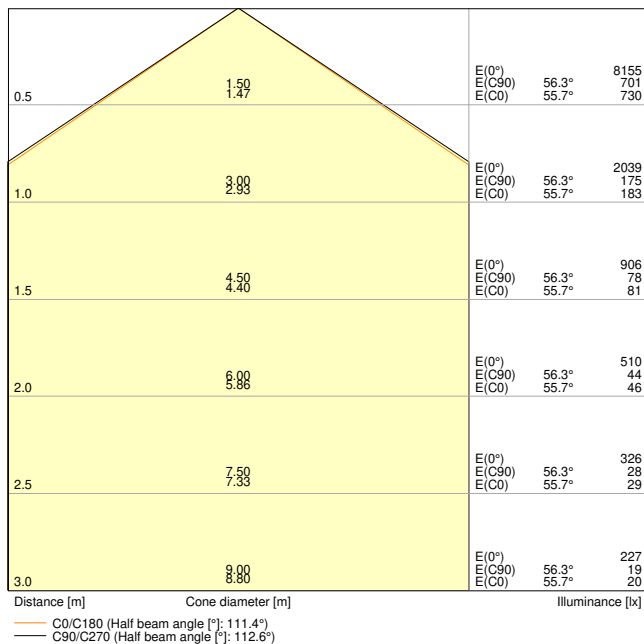
technical_data

ELECTRICAL DATA

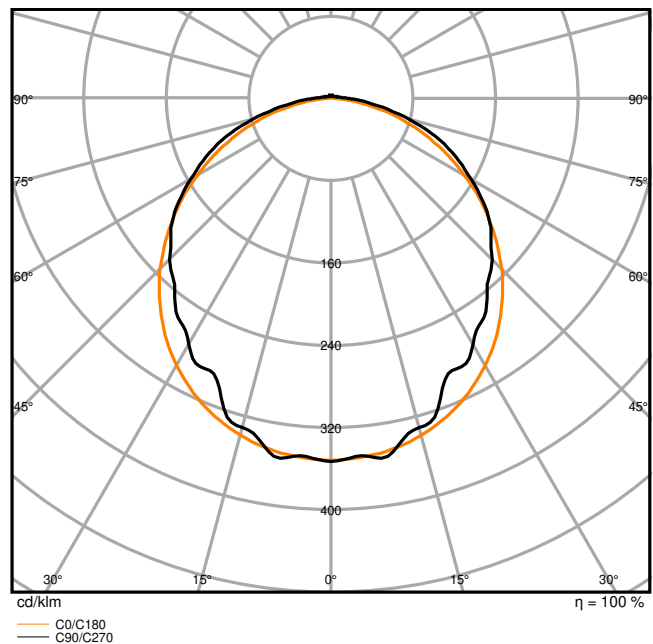
Nominal wattage	46.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	340.000 mA
Inrush current	12.7 A
Inrush current time T_{h50}	220 μ s
Max. number of luminaires per miniature circuit breaker B16	26
Max. number of luminaires per miniature circuit breaker C10	23
Max. number of luminaires per miniature circuit breaker C16	38
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

PHOTOMETRICAL DATA

Luminous flux	5750 lm
Luminous efficacy	125 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	4 sdcn
Low flicker	Yes
Flickering metric (Pst LM)	≤ 1
Stroboscope effect metric (SVM)	≤ 0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	110 °



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DIMENSIONS & WEIGHT

Length	1500.00 mm
Width	82.00 mm
Height	68.00 mm
Product weight	1650.00 g



MATERIALS & COLORS

Product color	Gray
Housing color	Gray
Body material	Polycarbonate (PC)
Cover material	Polycarbonate (PC)

Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	850 °C
Mercury content	0.0 mg

APPLICATION & MOUNTING

Ambient temperature range	-25...+40 °C
Temperature range at storage	-25...+80 °C
Type of connection	Terminal, 3-pin
Type of protection	IP65
Protection class IK (shock resistance)	IK08
Dimmable	no
Mounting type	Suspended/Surface
Mounting location	Ceiling / Wall
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

LIFESPAN

Lifespan L70/B50 at 25 °C	70000 h ¹⁾
Lifespan L80/B10 at 25 °C	50000 h ¹⁾
Lifespan L90/B10 at 25 °C	34000 h
Number of switching cycles	100000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

CONTROL GEAR

Output current	360 mA
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


CERTIFICATES & STANDARDS

Standards	CE / CB / ENEC / TÜV SÜD / EAC / RoHS / EPD
Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No
EPD	LEDV-00002-V01.01-EN

ADDITIONAL PRODUCT DATA

Product remark	When used in very cold applications as in cold storage, a special membrane might be required to ensure lifetime
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download_data

Documents and certificates		document_name
	User instruction	UI Damp Proof IP65
	Addon Technical Information	LS Insert DP IP65
	Declarations Of Conformity CE	CE Declaration DP 1200 and DP1500
	Declarations Of Conformity CE	DP IP65
	Declarations Of Conformity UKCA	DP 1500 IP65 GY
	Declarations Of Conformity UKCA	DP IP65
	Certificates	DP 1500
Photometric and lighting design files		document_name
	IES file (IES)	DP 1500 46W 830 IP65 GY
	LDT file (Eulumdat)	DP 1500 46W 830 IP65 GY
	ULD file (DIALux)	DP 1500 46W 830 IP65
	ROLF file (RELUX)	DP 1500 46W 830
	UGR file (UGR table)	DP 1500 46W 830 IP65 GY
	LDC typ cone	DP 1500 46W 830 IP65 GY
	LDC typ polar	DP 1500 46W 830 IP65 GY
CAD/BIM files		document_name
	BIM_Revit_3D	Damp Proof G2
	CAD_STEP_3D	DP-Gen2 1500

logistical_data

product_code	packaging_unit	dimensions	weight	volume
4058075541184	Folding box 1	1,512 mm x 87 mm x 74 mm	1725.00 g	9.73 dm ³
4058075541191	Shipping box 6	1,532 mm x 191 mm x 245 mm	11581.00 g	71.69 dm ³

logistical_data_text

additional_catalog_information

disclaimer_title

disclaimer_text