



product_datasheet_title

DP 5TH 1500 46W 840 IP65 GY

DAMP PROOF 5x THROUGHWIRING | Damp-proof luminaires, classic shape with 5x2.5mm² throughwiring



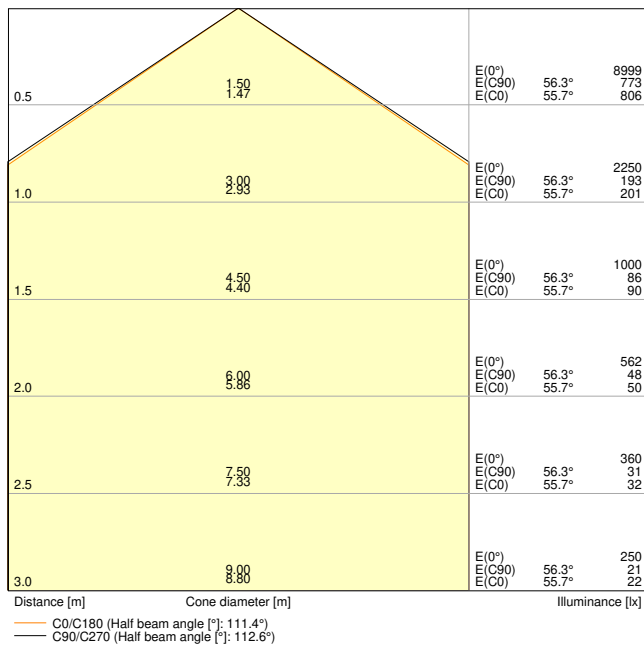
technical_data

ELECTRICAL DATA

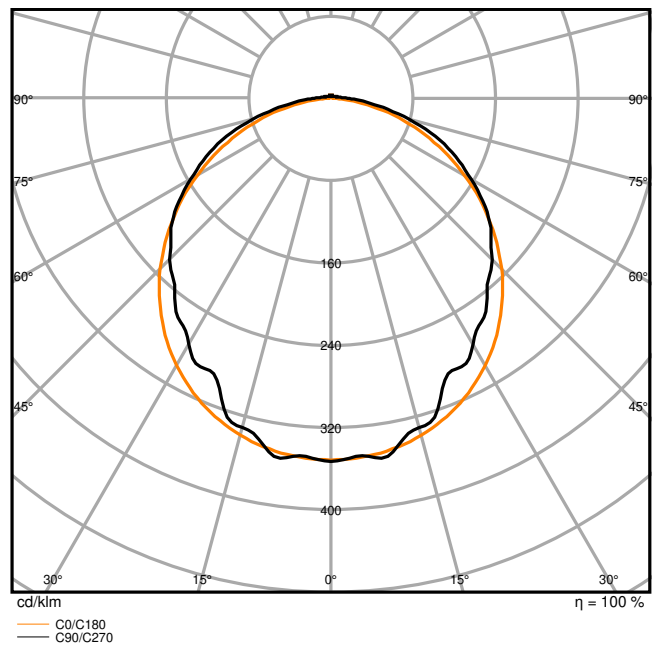
Nominal wattage	46.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	280.000 mA
Inrush current	12.7 A
Inrush current time T_{h50}	220 μ s
Max. number of luminaires per miniature circuit breaker B16	26
Max. number of luminaires per miniature circuit breaker C10	23
Max. number of luminaires per miniature circuit breaker C16	37
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

PHOTOMETRICAL DATA

Luminous flux	6400 lm
Luminous efficacy	139 lm/W
Color temperature	4000 K
Light color (designation)	Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	5 sdc _m
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	1894.00 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	Screwless terminal, 5-Pole
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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BATTERY

Nominal capacity of battery	4500 mAh
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EMERGENCY LIGHTING

Wattage in maintained operation mode	46.0 W
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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

download_data

Documents and certificates		document_name
	User instruction	UI_DampProof_IP65_5TH_Gen2
	Addon Technical Information	LS Insert DP 5X THROUGHWIRING IP65
	Packaging insert	Legal Insert DP 5TH
	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 5TH 1500 46W 840 IP65 GY
	LDT file (Eulumdat)	DP 5TH 1500 46W 840 IP65 GY
	ULD file (DIALux)	DP 5TH 1500 46W 840
	ROLF file (RELUX)	DP 5TH 1500 46W 840
	UGR file (UGR table)	DP 5TH 1500 46W 840 IP65 GY
	LDC typ cone	DP 5TH 1500 46W 840 IP65 GY
	LDC typ polar	DP 5TH 1500 46W 840 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
4058075541948	Folding box 1	1,512 mm x 87 mm x 74 mm	1965.00 g	9.73 dm ³
4058075541955	Shipping box 6	1,532 mm x 191 mm x 245 mm	13021.00 g	71.69 dm ³

logistical_data_text

additional_catalog_information

disclaimer_title

disclaimer_text