



product_datasheet_title

DP DALI 1500 58W 840 IP65 GY

DAMP PROOF DALI | Damp-proof luminaires, classic shape, with DALI interface



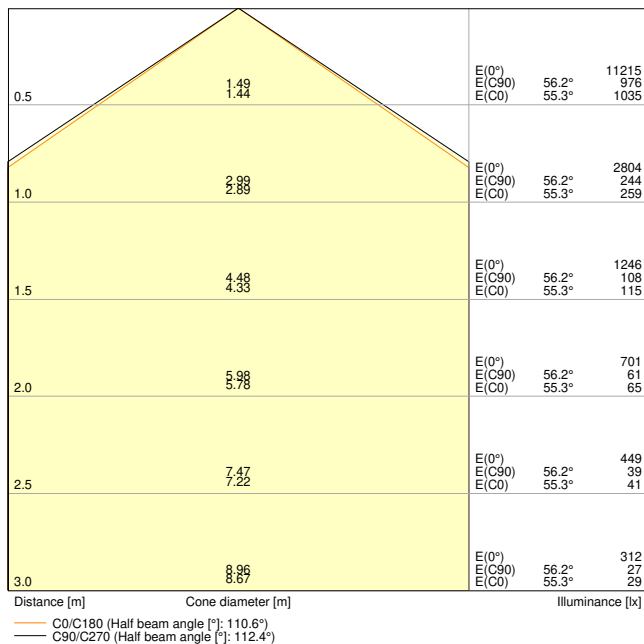
technical_data

ELECTRICAL DATA

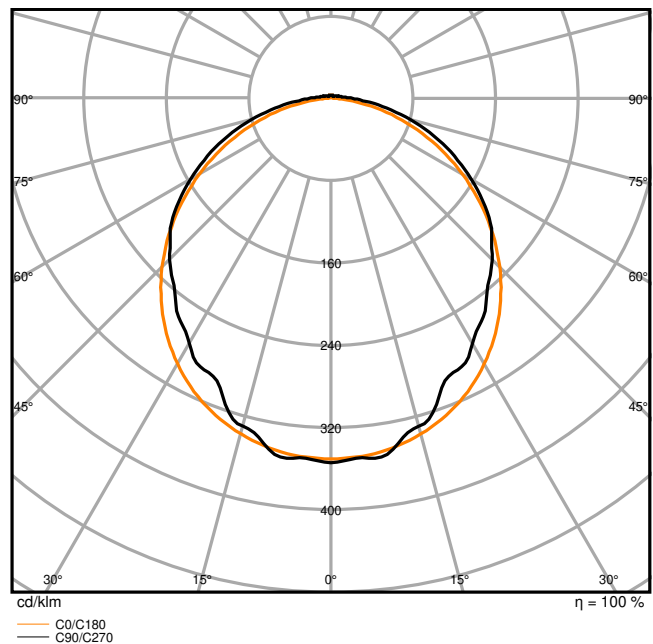
Nominal wattage	58.00 W
Nominal voltage	220...240 V
Mains frequency	0/50/60 Hz
Nominal current	270 mA
Inrush current	29 A
Inrush current time T_{h50}	155 μ s
Max. number of luminaires per miniature circuit breaker B16	13
Max. number of luminaires per miniature circuit breaker C10	21
Max. number of luminaires per miniature circuit breaker C16	36
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

PHOTOMETRICAL DATA

Luminous flux	8000 lm
Luminous efficacy	138 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	4 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	1740.00 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...+35 °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	yes
Type of dimming	DALI
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

ECG - Output voltage	109 V
Output current	490 mA

















CERTIFICATES & STANDARDS

Standards	CE / CB / ENEC / TÜV SÜD / EAC / RoHS
Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No

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	DP DALI IP65
	Addon Technical Information	LSI DP DALI IP65
	Packaging insert	Legal Insert DP DALI IP65
	Declarations Of Conformity CE	CE Declaration_DP DALI
	Declarations Of Conformity CE	CE Declaration DP DALI IP65 GY
	Declarations Of Conformity UKCA	DP DALI IP65 GY
	Certificates	DP DALI
Photometric and lighting design files		document_name
	IES file (IES)	DP DALI 1500 58W 840 IP65 GY
	LDT file (Eulumdat)	DP DALI 1500 58W 840 IP65 GY
	ULD file (DIALux)	DP DALI 1500 58W 840 IP65
	ROLF file (RELUX)	DP DALI 1500 58W 840
	UGR file (UGR table)	DP DALI 1500 58W 840 IP65 GY
	LDC typ cone	DP DALI 1500 58W 840 IP65 GY
	LDC typ polar	DP DALI 1500 58W 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
4058075541849	Folding box 1	1,512 mm x 87 mm x 74 mm	1775.00 g	9.73 dm ³
4058075541856	Shipping box 6	1,532 mm x 191 mm x 245 mm	11881.00 g	71.69 dm ³

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