

PRODUCT DATASHEET

DP DALI 1200 32W 830 IP65 GY

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



Areas of application

- Industrial and storage facilities
- DALI installations
- Car parks and underpasses
- Garages
- Workshops, assembly lines

Product benefits

- High compatibility thanks to DALI-2 certification
- Premium driver with up to 100,000 h lifetime
- Driver suitable for Emergency escape lighting systems acc. to EN 50172
- Driver configuration and dimming possible via mains
- Low flicker $\leq 3\%$
- 5 years guarantee

Product features

- High luminous efficacy: up to 139 lm/W
- Type of protection: IP65
- Beam angle: 110°



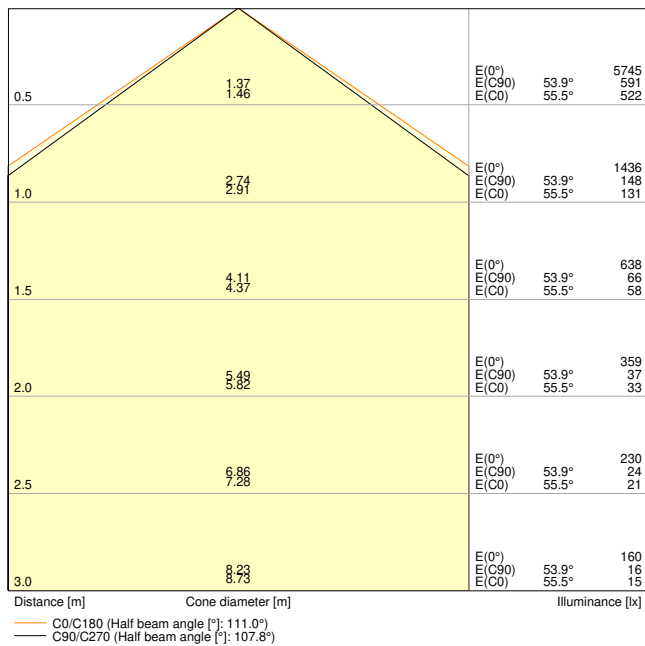
TECHNICAL DATA

Electrical data

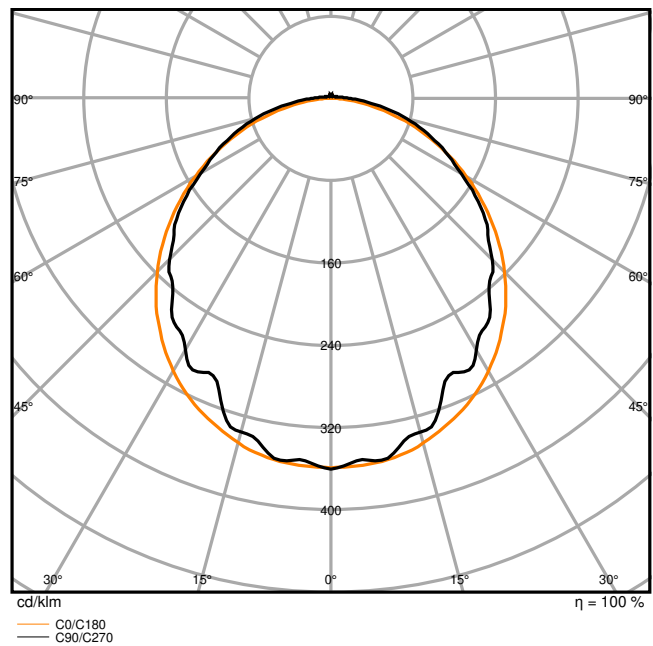
Nominal wattage	32.00 W
Nominal voltage	220...240 V
Mains frequency	0/50/60 Hz
Nominal current	155 mA
Inrush current	29 A
Inrush current time T_{h50}	180 μ s
Max. number of luminaires per miniature circuit breaker B16	13
Max. number of luminaires per miniature circuit breaker C10	21
Max. number of luminaires 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	4000 lm
Luminous efficacy	125 lm/W
Color temperature	3000 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 °



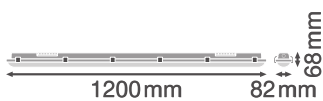
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Dimensions & Weight

Length	1200.00 mm
Width	82.00 mm
Height	68.00 mm
Product weight	1430.00 g



DP S 1200 32W 840 IP65 GY

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	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	44000 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	79 V
Output current	370 mA

Certificates & Standards

Standards	CE / CB / ENEC / TÜV SÜD / EAC / RoHS
Luminaire with limited surface temperature, "D sign"	Yes

Ball shot safe	No
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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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EQUIPMENT / ACCESSORIES

- Stainless steel clamps with safety screws included
- Mounting accessories included (suspension kit, theft protection kit)

DOWNLOAD DATA

Documents and certificates		Document name
	User Instruction	DP DALI IP65
	Addon Technical Information	LSI DP DALI IP65
	Legal information	Legal Insert DP DALI IP65
	Declarations of conformity	CE Declaration_DP DALI
	Declarations of conformity	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 1200 32W 830 IP65 GY
	LDT file (Eulumdat)	DP DALI 1200 32W 830 IP65 GY
	ULD file (DIALux)	DP DALI 1200 32W 830 IP65
	ROLF file (RELUX)	DP DALI 1200 32W 830

Photometric and lighting design files		Document name
	UGR file (UGR table)	DP DALI 1200 32W 830 IP65 GY
	LDC typ cone	DP DALI 1200 32W 830 IP65 GY
	LDC typ polar	DP DALI 1200 32W 830 IP65 GY
CAD/BIM files		Document name
	BIM_Revit_3D	Damp Proof G2
	CAD_STEP_3D	DP Gen2 1200
Tender texts		Document name
	Tender documents	DAMP PROOF DALI 1200 32W 830 IP65 GY-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075541689	Folding box 1	1,210 mm x 87 mm x 74 mm	1465.00 g	7.79 dm ³
4058075541696	Shipping box 6	1,232 mm x 191 mm x 245 mm	9810.00 g	57.65 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.