PRODUCT DATASHEET
DP 1500 81W 865 IP65 GY

DAMP PROOF | Damp-proof luminaires, classic shape



Areas of application

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

Product benefits

- Low flicker ≤ 10 %
- Uniform light distribution
- Energy savings of up to 60 % (compared to luminaires that use fluorescent lamps
- Easy installation, no tools required for connection
- 5 years guarantee

Product features

- Luminous efficacy: up to 139 lm/W
- Beam angle: 110°

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TECHNICAL DATA

Electrical data

Nominal wattage	81 W / 69 W / 57 W / 46 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	390.000 mA
Inrush current	13.5 A
Inrush current time T_{h50}	590 µs
Max. number of luminaires per miniature circuit breaker B16	13
Max. number of luminaires per miniature circuit breaker C10	16
Max. number of luminaires per miniature circuit breaker C16	16
Power factor λ	> 0.90
Maximum total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	11000 lm / 9600 lm / 8200 lm / 6600 lm
Luminous efficacy	143 lm/W / 139 lm/W / 135 lm/W
Color temperature	6500 K
Light color (designation)	Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	4 sdcm
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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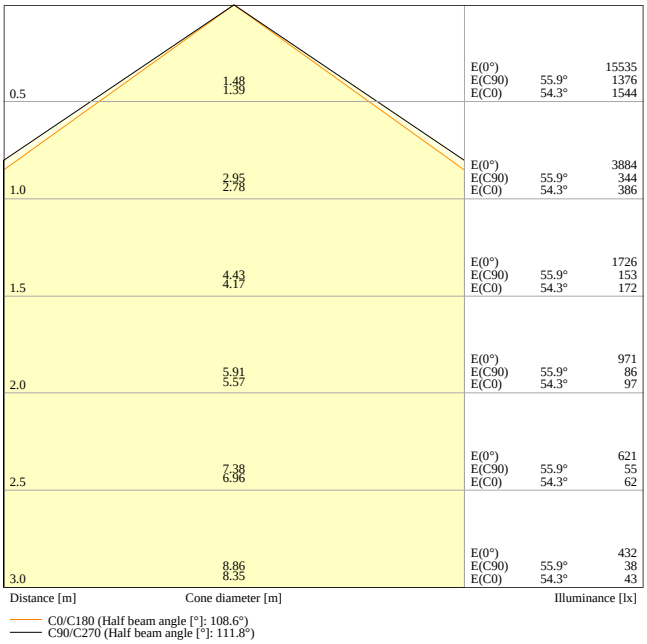

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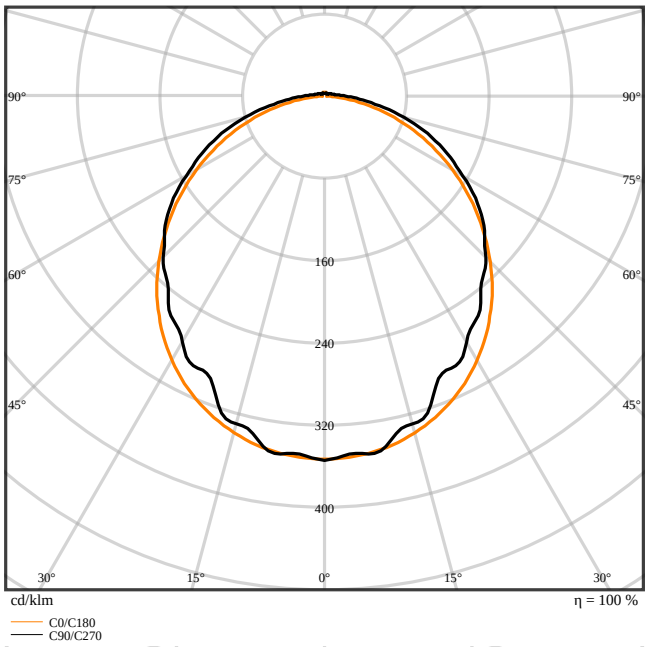

DP 1500 81W 865 IP65 GY

Dimensions & Weight

Length	1500.00 mm
Width	82.00 mm
Height	68.00 mm
Product weight	1660.00 g



DAMP PROOF 1500, DALI, EMERGENCY

Materials & Colors

Product color	Gray
Housing color	Gray
RAL Color (most similar)	RAL 9018
Body material	Polycarbonate (PC)

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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
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	70000 h [1)]
Lifespan L80/B10 at 25 °C	50000 h [1)]
Lifespan L80/B50 at 25 °C	50000 h
Lifespan L90/B10 at 25 °C	25000 h [1)]
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	350 mA

Emergency lighting

Type of Emergency Lighting (EL)	EL certified driver (0Hz / DC operation) for central battery operation included
Type of emergency operation test	None

Certificates & Standards

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

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EPD	LEDV-00002-V01.01-EN
Replaceable light source (EPREL)	Not replaceable

Additional product data

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

EQUIPMENT / ACCESSORIES

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

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	UI Damp Proof IP65
PDF	Legal information	LS Insert DP IP65
PDF	Legal information	LS DAMP PROOF IP65 GY
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	G11253207 Legal Insert
PDF	Legal information	Safety Insert G11205497
PDF	Declarations of conformity	CE Declaration DP 1200 and DP1500
PDF	Declarations of conformity	DP IP65
PDF	Declarations of conformity UKCA	DP 1500 IP65 GY
PDF	Declarations of conformity UKCA	DP IP65

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	Documents and certificates	Document name
PDF	Certificates	DP 1500
PDF	EPD	EPD EN DAMP PROOF GEN 2

	Photometric and lighting design files	Document name
IES	IES file (IES)	DP 1500 81W 865 IP65 GY
LDT	LDT file (Eulumdat)	DP 1500 81W 865 IP65 GY
ULD	ULD file (DIALux)	DP 1500 81W 865 IP65
ROLF	ROLF file (RELUX)	DP 1500 81W 865
	UGR file (UGR table)	DP 1500 81W 865 IP65 GY
	Light distribution curve type cone	DP 1500 81W 865 IP65 GY
	Light distribution curve type polar	DP 1500 81W 865 IP65 GY

	CAD/BIM files	Document name
RFA	BIM Revit 3D	Damp Proof G2
STEP	CAD STEP 3D	DP-Gen2 1500

	Tender texts	Document name
TXT	Tender documents	DAMP PROOF 1500 81W 865 IP65 GY-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075541306	Folding box 1	1,512 mm x 87 mm x 74 mm	1707.00 g	9.73 dm^3
4058075541313	Shipping box 6	1,532 mm x 191 mm x 245 mm	11473.00 g	71.69 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.

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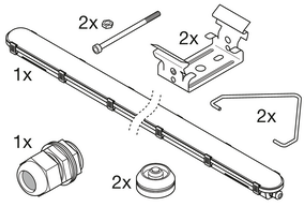
ADDITIONAL CATALOG INFORMATION



References / Links

– For Guarantee see www.ledvance.com/guarantee

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