

PRODUCT DATASHEET

DP 1200 18W 840 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 $\leq 10\%$
- Evenly distributed light
- 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

- High luminous efficacy: up to 135 lm/W
- Beam angle: 110°



TECHNICAL DATA

Electrical data

Nominal wattage	18.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor λ	>0.90
Mains frequency	50/60 Hz
Max. no. of lum. on circuit break. B16 A	58
Max. no. of lum. on circuit break. C10 A	46
Max. no. of lum. on circuit break. C16 A	73
Inrush current	10.4 A
Total harmonic distortion	< 20 %
Inrush current time T_{h50}	154 μ s

Luminaire control gear data

Low flicker	Yes
Output current	180 mA

Photometrical data

Color temperature	4000 K
Luminous flux	2400 lm
Luminous efficacy	135 lm/W
Standard deviation of color matching	4 sdc _m
Light color (designation)	Cool White
Color rendering index Ra	>80

Light technical data

Beam angle	110 °
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Dimensions & weight



Length	1200 mm
Width	82.0 mm
Height	68.0 mm
Product weight	1293.00 g

Colors & materials

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

Temperatures & operating conditions

Ambient temperature range	-25...+40 °C
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Lifespan

Number of switching cycles	100000
Lifespan L70/B50 at 25 °C	70000 h
Lifespan L80/B10 at 25 °C	50000 h
Lifespan L90/B10 at 25 °C	33000 h

Additional product data

Mounting type	Suspended/Surface
Mounting location	Ceiling / Wall
Low flicker	Yes

Capabilities

Dimmable	No
Type of connection	Terminal, 3-pin
LED module replaceable	Not replaceable

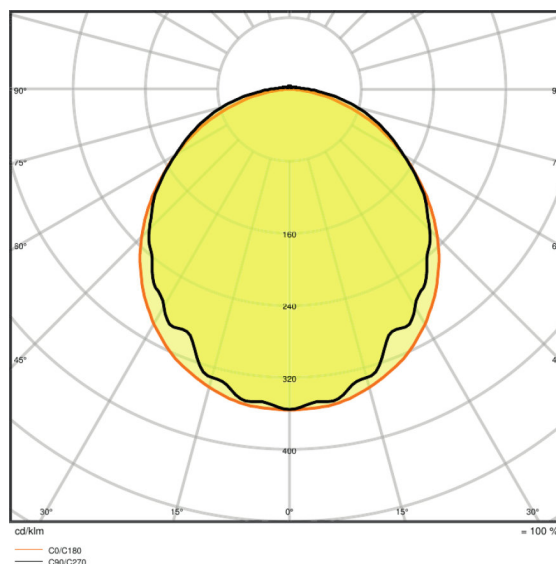
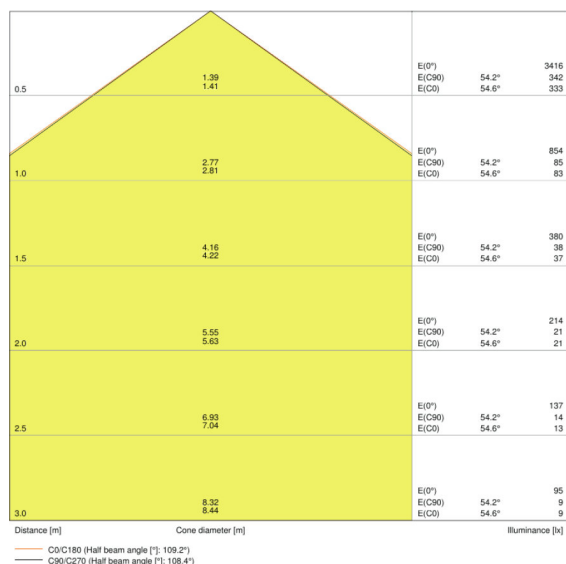
Certificates & standards

Protection class IK (shock resistance)	IK08
Glow Wire Test according to IEC 60695-2-12	850 °C
Photobiological safety group EN62778	RG0
Protection class	I
Type of protection	IP65
Luminaire with limited surface temperature, class "D"	Yes
Standards	CE/CB/ENEC/TÜV SÜD/EAC/RoHS

Logistical data

Temperature range at storage	-25...+80 °C
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Light Distribution



LDC typ cone

LDC typ polar

EQUIPMENT / ACCESSORIES

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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4058075541047	Folding carton box 1	1210 mm x 87 mm x 74 mm	1328.00 g	7.79 dm ³
4058075541054	Shipping carton box 6	1232 mm x 191 mm x 245 mm	8988.00 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.