

# PRODUCT DATASHEET

## DP 1200 18W 840 IP65 GY

DAMP PROOF | Damp-proof luminaires, classic shape



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### Areas of application

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

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### 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

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### Product features

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



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**TECHNICAL DATA****Electrical data**

Nominal wattage	18.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Nominal current	90 mA
Inrush current	10.4 A
Inrush current time $T_{h50}$	154 $\mu$ s
Power factor $\lambda$	> 0,90
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
Total harmonic distortion	< 20 %

**Luminaire control gear data**

Low flicker	Yes
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**Photometrical data**

Color temperature	4000 K
Luminous flux	2400 lm
Luminous efficacy	115 lm/W
Light color (designation)	Cool White
Standard deviation of color matching	4 sdc <sub>m</sub>
Color rendering index Ra	> 80

**Light technical data**

Beam angle	110 °
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**Dimensions & weight**

Length	1200.00 mm
Height	68.00 mm
Width	82.00 mm
Product weight	1293.000 g

**Colors & materials**

Body material	Polycarbonate (PC)
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Product color	Gray
Housing color	Gray
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate

### 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 location	Ceiling / Wall
Low flicker	Yes
Note about the product	

### Capabilities

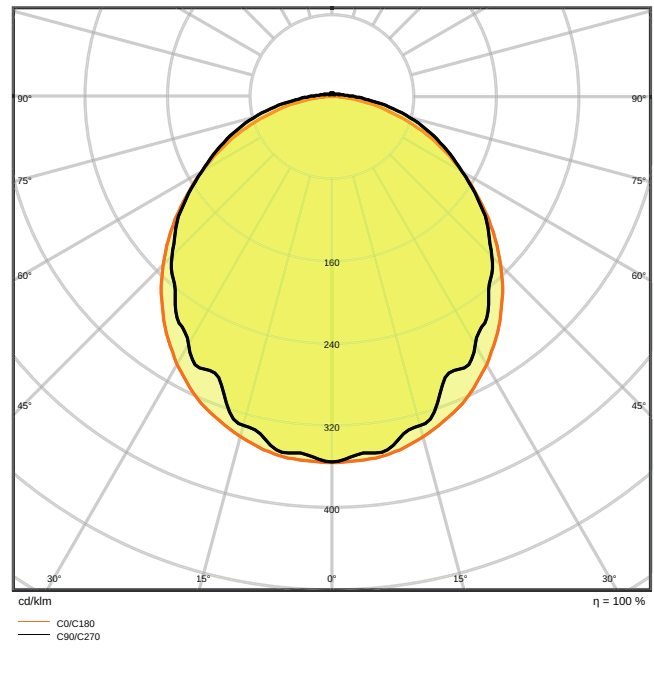
Dimmable	No
Type of connection	Terminal, 3-pin
ErP LEDmod replaceable	Not replaceable
Ball shot safe	No

### Certificates & standards

Protection class IK (shock resistance)	IK08
Glow Wire Test according to IEC 69	850 °C
Protection class	I
Type of protection	IP65
Standards	CE / CB / ENEC / TÜV SÜD / EAC / RoHS
Luminaire with limited surface temperature, class "D"	Yes



LDC typ cone



LDC typ polar




**LOGISTICAL DATA**

Temperature range at storage	-25...+80 °C
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**EQUIPMENT / ACCESSORIES**


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


**DOWNLOAD DATA**

DOWNLOAD DATA	
	User instruction UI_DampProof_IP65_Gen2
	Declarations of conformity DP IP65 GY
	IES file (IES) DP 1200 18W 840 IP65 GY

**DOWNLOAD DATA**

 LDT file (Eulumdat)  
DP 1200 18W 840 IP65 GY

 R3D file (Relux 3D Model)  
DP 1200

 M3D file (3D Model)  
DP 1200

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075541047	Folding box 1	1,210 mm x 87 mm x 74 mm	1328.00 g	7.79 dm <sup>3</sup>
4058075541054	Shipping box 6	1,232 mm x 191 mm x 245 mm	8988.00 g	57.65 dm <sup>3</sup>

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](http://www.ledvance.com/guarantee)

**DISCLAIMER**

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

