

# PRODUCT DATASHEET

## DP VAL 1800 70 W 4000 K IP65

**DAMP PROOF VALUE | 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

- Evenly distributed light
- Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
- Easy installation, no tools required for connection
- 3 years guarantee

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### PRODUCT FEATURES

- High luminous efficacy: up to 120 lm/W
- Type of protection: IP65
- Beam angle: 115°
- Through-wiring possible
- Polycarbonate housing



## TECHNICAL DATA

### Electrical data

Nominal wattage	70.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor $\lambda$	$\geq 0.90$
Mains frequency	50/60 Hz
Inrush current	14.0 A
Total harmonic distortion	< 25 %
Inrush current time $T_{h50}$	240 $\mu$ s

### Luminaire control gear data

Output current	370 mA
Max. no. of lum. on circuit break. B16 A	18
Max. no. of lum. on circuit break. C10 A	17
Max. no. of lum. on circuit break. C16 A	28

### Photometrical data

Color temperature	4000 K
Luminous flux	7500 lm
Luminous efficacy	105 lm/W
Standard deviation of color matching	<5 sdc <sub>m</sub>
Light color (designation)	Cool White
Color rendering index Ra	<80

### Light technical data

Beam angle	115 °
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### Dimensions & weight



<b>Length</b>	1800 mm
<b>Width</b>	96.0 mm
<b>Height</b>	83.0 mm
<b>Product weight</b>	2230.00 g

## Colors &amp; materials

<b>Body material</b>	Polycarbonate (PC)
<b>Product color</b>	Gray
<b>Housing color</b>	Gray
<b>Cover material</b>	Polycarbonate (PC)

## Temperatures &amp; operating conditions

<b>Ambient temperature range</b>	-20...+40 °C
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## Lifespan

<b>Number of switching cycles</b>	100000
<b>Lifespan L70/B50 at 25 °C</b>	30000 h

## Additional product data

<b>Mounting type</b>	Suspended/Surface
<b>Mounting location</b>	Ceiling / Wall

## Capabilities

<b>Dimmable</b>	No
<b>Type of connection</b>	Screwless
<b>Ball shot safe</b>	No
<b>LED module replaceable</b>	Not replaceable

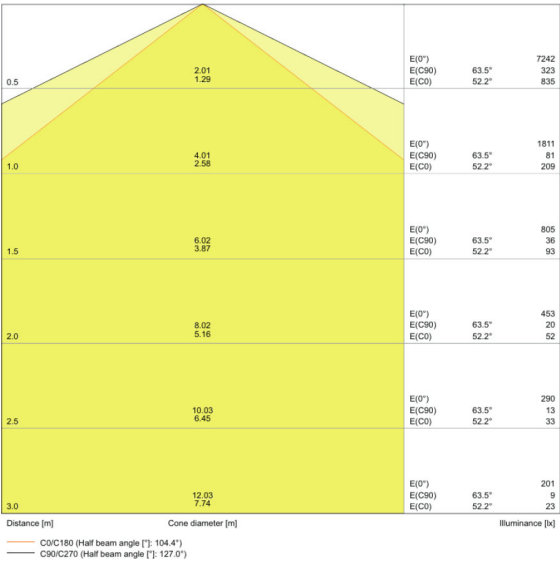
## Certificates &amp; standards

<b>Protection class IK (shock resistance)</b>	IK08
<b>Glow Wire Test according to IEC 695-2-1</b>	850 °C
<b>Photobiological safety group EN62778</b>	RG 0
<b>Protection class</b>	I
<b>Type of protection</b>	IP65
<b>Luminaire with limited surface temperature, class "D"</b>	Yes
<b>Standards</b>	CE/CB/TÜV SÜD/EAC/RoHS

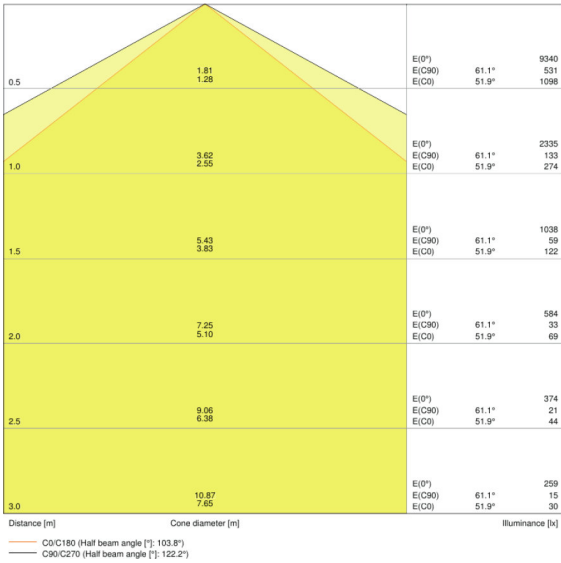
## Logistical data

<b>Temperature range at storage</b>	-40...+70 °C
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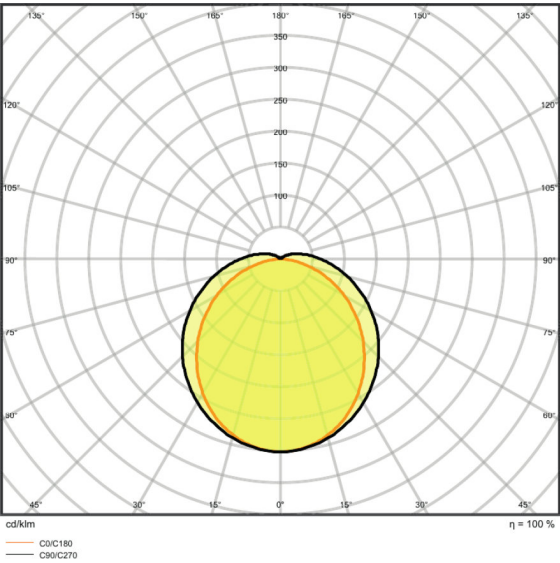
Light Distribution



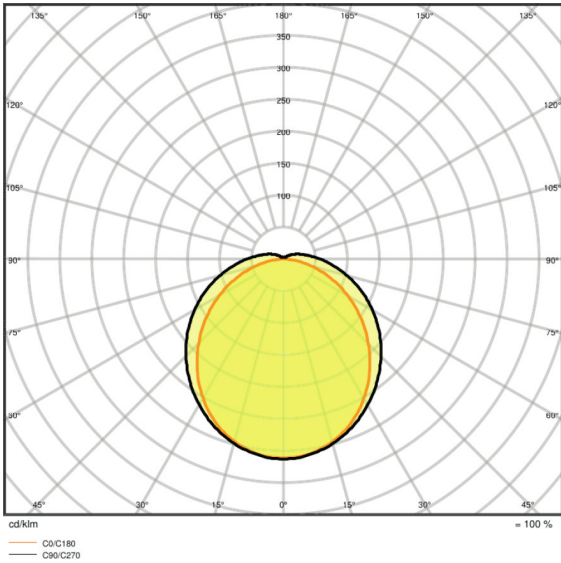
LDC typ cone



LDC typ cone



LDC typ polar



LDC typ polar

EQUIPMENT / ACCESSORIES

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

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**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075300989	Folding carton box 1	86 mm x 1800 mm x 97 mm	2306.00 g	15.02 dm <sup>3</sup>
4058075300996	Shipping carton box 6	1823 mm x 315 mm x 192 mm	15445.00 g	110.26 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.

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**REFERENCES / LINKS**

For Guarantee see

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

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**DISCLAIMER**

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