

# PRODUCT DATASHEET

## DP SPECIAL 1500 48 W 4000 K IP67 WT

**DAMPPROOF SPECIAL | Tubular damp-proof luminaire with extra high IP rating**



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### AREAS OF APPLICATION

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

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### PRODUCT BENEFITS

- Equalization valve allows for use in changing ambient humidity (up to 95 %) and temperature
- Evenly distributed light
- Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
- Low flicker light thanks to special electronic control gear
- Easy installation as mounting brackets can be positioned freely on the luminaire
- Easy installation, no tools required for connection
- Suitable for use in dusty and damp locations thanks to high IP rating
- 5 years guarantee

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### PRODUCT FEATURES

- High luminous efficacy: up to 150 lm/W
- Type of protection: IP67 (DIN EN 60529), IP69K (ISO 20653:2013)
- Impact resistance: IK06
- Beam angle: 120°



- Through-wiring cable already installed
- Housing made of PMMA, with equalization valve

## TECHNICAL DATA

### Electrical data

Nominal wattage	48.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor $\lambda$	$\geq 0.95$
Mains frequency	50/60 Hz
Inrush current	30.0 A
Total harmonic distortion	< 20 %

### Luminaire control gear data

ECG - Output ripple current	<5 %
Max. no. of lum. on circuit break. B16 A	7
Max. no. of lum. on circuit break. C10 A	7
Max. no. of lum. on circuit break. C16 A	12

### Photometrical data

Color temperature	4000 K
Luminous flux	7200 lm
Luminous efficacy	145 lm/W
Standard deviation of color matching	$\leq 3$ sdc <sub>m</sub>
Light color (designation)	Cool White
Color rendering index Ra	>80

### Light technical data

Beam angle	120 °
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Dimensions & weight



<b>Length</b>	1500 mm
<b>Diameter</b>	72.0 mm
<b>Product weight</b>	1800.00 g

Colors & materials

<b>Body material</b>	Steel
<b>Housing color</b>	Steel
<b>Product color</b>	Steel
<b>Cover material</b>	Polymethylmethacrylate (PMMA)

Temperatures & operating conditions

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

<b>Lifespan L70/B50 at 25 °C</b>	100000 h
<b>Lifespan L80/B10 at 25 °C</b>	80000 h
<b>Lifespan L90/B10 at 25 °C</b>	50000 h

Additional product data

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

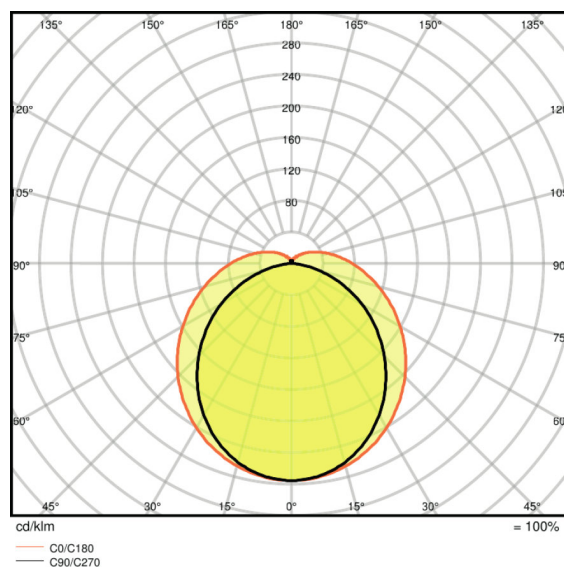
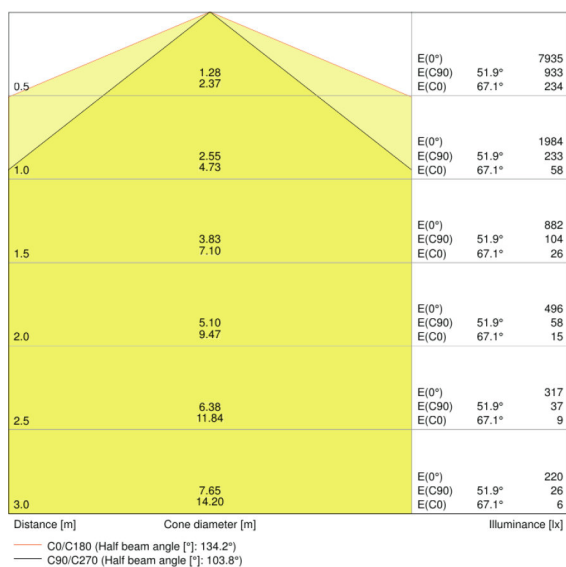
Capabilities

<b>Dimmable</b>	No
<b>Type of connection</b>	Screwless terminal, 3-Pole
<b>Ball shot safe</b>	No
<b>LED module replaceable</b>	Not replaceable

Certificates & standards

Protection class IK (shock resistance)	IK06
Glow Wire Test according to IEC 695-2-1	850 °C
Photobiological safety group EN62778	RG 0
Protection class	I
Type of protection	IP67
Luminaire with limited surface temperature, class "D"	Yes
Standards	CE/CB/EAC/RoHS/TÜV SÜD/ENEC 25

Light Distribution



LDC typ cone

LDC typ polar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075136274	Folding carton box 1	95 mm x 1600 mm x 83 mm	2053.00 g	12.62 dm <sup>3</sup>
4058075136281	Shipping carton box 6	1624 mm x 321 mm x 202 mm	17480.00 g	105.30 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)

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**DISCLAIMER**

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