

# PRODUCT DATASHEET

## DP SPECIAL 1500 50 W 4000 K WT IP67

**DAMP PROOF SPECIAL GEN 2 | Tubular damp-proof luminaire with extra high IP rating, ammonium-resistant and for outdoor applications**



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### AREAS OF APPLICATION

- Keeping farm animals except poultry
- Food industry
- Open car parks and underpasses
- Garages
- Workshops, assembly lines

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### PRODUCT BENEFITS

- Easy installation as mounting brackets can be positioned freely on the luminaire
- Easy installation, no tools required for connection
- Evenly distributed light
- Energy savings of up to 55 % (compared to luminaires that use fluorescent lamps)
- 5 years guarantee

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### PRODUCT FEATURES

- Ammonium resistant
- Sealed housing made of PMMA
- Through-wiring cable already installed
- Type of protection: IP67 (DIN EN 60529), IP69K (ISO 20653:2013)



## TECHNICAL DATA

### Electrical data

Nominal wattage	50.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor $\lambda$	$\geq 0.90$
Mains frequency	50/60 Hz
Max. no. of lum. on circuit break. B16 A	24
Max. no. of lum. on circuit break. C10 A	21
Max. no. of lum. on circuit break. C16 A	34
Inrush current	13.0 A
Total harmonic distortion	< 20 %
Inrush current time $T_{h50}$	212 $\mu$ s

### Luminaire control gear data

Low flicker	Yes
ECG - Output ripple current	<20 %

### Photometrical data

Color temperature	4000 K
Luminous flux	6500 lm
Luminous efficacy	130 lm/W
Standard deviation of color matching	<5 sdc <sub>m</sub>
Light color (designation)	Cool White
Color rendering index Ra	$\geq 80$

### Light technical data

Beam angle	120 °
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Dimensions & weight



<b>Length</b>	1644 mm
<b>Diameter</b>	74.0 mm
<b>Height</b>	82.0 mm
<b>Product weight</b>	1460.00 g

Colors & materials

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

Temperatures & 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>	80000 h
<b>Lifespan L80/B10 at 25 °C</b>	50000 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
<b>Low flicker</b>	Yes
<b>Product remark</b>	Available from September 2020

Capabilities

<b>Dimmable</b>	No
<b>Type of connection</b>	Screwless terminal, 3-Pole

<b>LED module replaceable</b>	Not replaceable
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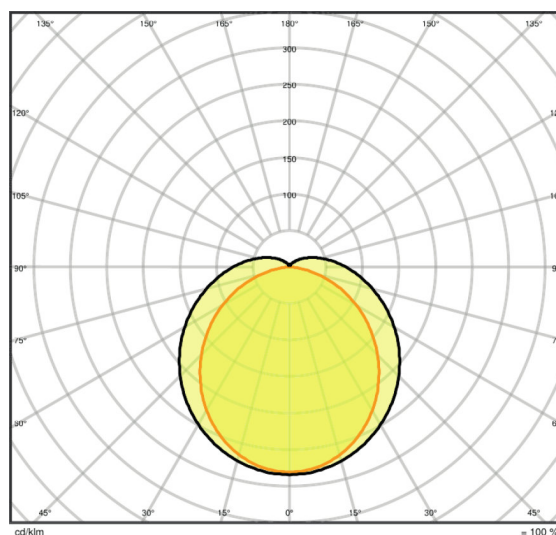
Certificates & standards

<b>Protection class IK (shock resistance)</b>	IK06
<b>Glow Wire Test according to IEC 695-2-1</b>	650 °C
<b>Photobiological safety group EN62778</b>	RG 0
<b>Protection class</b>	I
<b>Type of protection</b>	IP67/69K
<b>Luminaire with limited surface temperature, class "D"</b>	Yes
<b>Standards</b>	CE/CB/ENEC/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 polar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075452176	Folding carton box 1	1647 mm x 108 mm x 108 mm	2745.00 g	19.21 dm <sup>3</sup>
4058075452183	Shipping carton box 6	1665 mm x 231 mm x 344 mm	18353.00 g	132.31 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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