

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



AREAS OF APPLICATION

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

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

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 λ	≥ 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 μ 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 sdcn
Light color (designation)	Cool White
Color rendering index Ra	≥ 80

Light technical data

Beam angle	120 °
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Dimensions & weight



Length	1644 mm
Diameter	74.0 mm
Height	82.0 mm
Product weight	1460.00 g

Colors & materials

Body material	Polymethylmethacrylate (PMMA)
Product color	White
Housing color	White
Cover material	Polymethylmethacrylate (PMMA)

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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Lifespan

Number of switching cycles	100000
Lifespan L70/B50 at 25 °C	80000 h
Lifespan L80/B10 at 25 °C	50000 h
Lifespan L90/B10 at 25 °C	50000 h

Additional product data

Mounting type	Surface
Mounting location	Ceiling / Wall
Low flicker	Yes
Product remark	Available from September 2020

Capabilities

Dimmable	No
Type of connection	Screwless terminal, 3-Pole

LED module replaceable	Not replaceable
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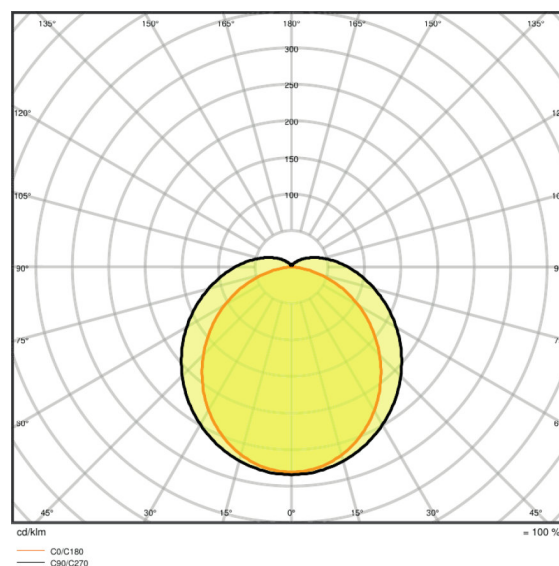
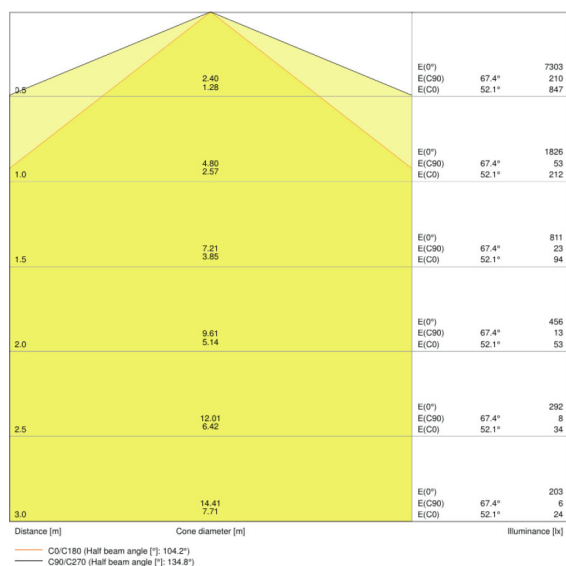
Certificates & standards

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

Logistical data

Temperature range at storage	-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 ³
4058075452183	Shipping carton box 6	1665 mm x 231 mm x 344 mm	18353.00 g	132.31 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.