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



PERFOR-
MANCE
CLASS

Areas of application

- Keeping farm animals
- 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

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



© 2024, LEDVANCE GmbH. All rights reserved.

TECHNICAL DATA

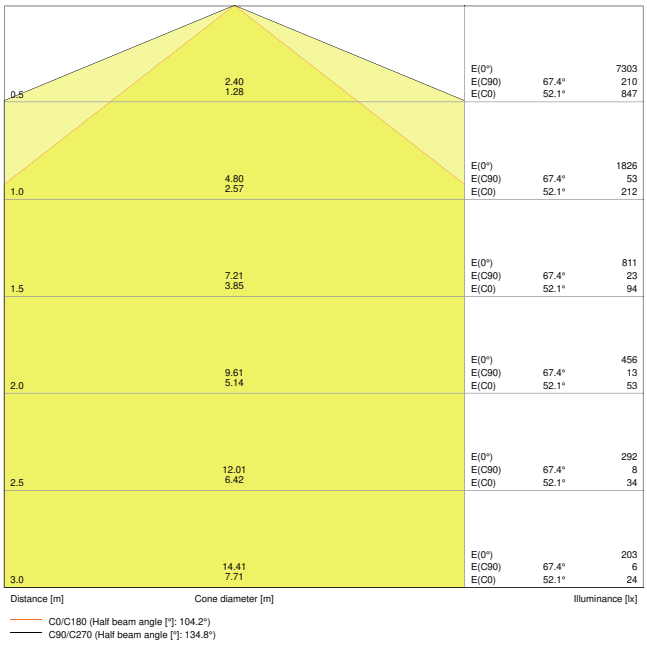
Electrical data

Nominal wattage	50.00 W
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Nominal current	250 mA
Inrush current	13 A
Inrush current time T_{h50}	212 µs
Max. number of luminaires per miniature circuit breaker B16	24
Max. number of luminaires per miniature circuit breaker C10	21
Max. number of luminaires per miniature circuit breaker C16	34
Power factor λ	≥0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

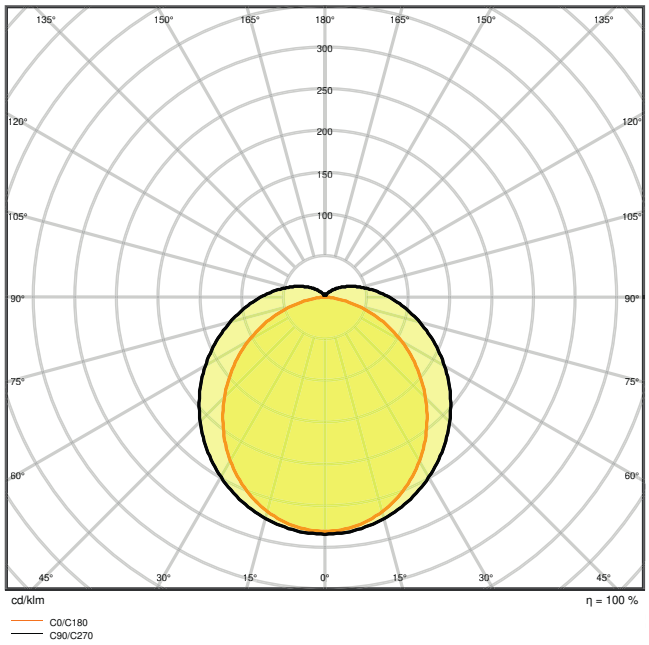
Photometrical data

Luminous flux	6500 lm
Luminous efficacy	130 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Standard deviation of color matching	< 5 sdcm
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

© 2024, LEDVANCE GmbH. All rights reserved.



LDC typ cone



LDC typ polar

Dimensions & Weight

Diameter	74.00 mm
Length	1644.00 mm
Height	82.00 mm
Product weight	1460.00 g



Materials & Colors

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

© 2024, LEDVANCE GmbH. All rights reserved.

Light emitting surface material	PMMA
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-40...+70 °C
Type of connection	Screwless terminal, 3-Pole
Type of protection	IP67/IP69K
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling / Wall
Application environment	Outdoor
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	80000 h [1)]
Lifespan L80/B10 at 25 °C	50000 h [1)]
Lifespan L90/B10 at 25 °C	40000 h
Number of switching cycles	100000

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Control gear

ECG - Output ripple current	< 10 %

Certificates & Standards

Standards	CE / CB / ENEC / TÜV SÜD / EAC / RoHS
Luminaire with limited surface temperature, "D sign"	Yes

DOWNLOAD DATA

	Documents and certificates
PDF	User instruction

© 2024, LEDVANCE GmbH. All rights reserved.

	Documents and certificates
	Addon Technical Information
	Declarations Of Conformity CE
	Declarations Of Conformity UKCA
	Certificates

	Photometric and lighting design files
	IES file (IES)
	LDT file (Eulumdat)
	ULD file (DIALux)
	ROLF file (RELUX)
	UGR file (UGR table)
	LDC typ cone
	LDC typ polar

	CAD/BIM files
	CAD_STEP_3D

	Tender texts
	Tender documents

LOGISTICAL DATA

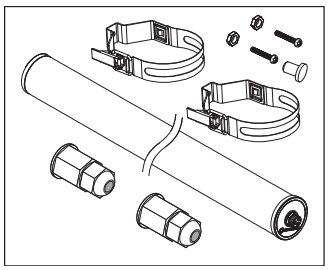
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075452176	Folding box 1	1,647 mm x 108 mm x 108 mm	2745.00 g	19.21 dm^3
4058075452183	Shipping box 6	1,665 mm x 231 mm x 344 mm	18353.00 g	132.31 dm^3

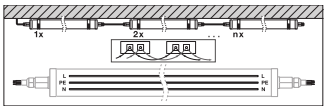
The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products.

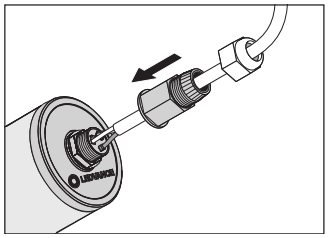
© 2024, LEDVANCE GmbH. All rights reserved.

When placing an order, for the quantity please enter single or multiples of a shipping unit.

ADDITIONAL CATALOG INFORMATION







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.

© 2024, LEDVANCE GmbH. All rights reserved.