PRODUCT DATASHEET
DP 1500 55 W 6500K IP65 GY

DAMP PROOF | Damp-proof luminaires, classic shape

AREAS OF APPLICATION

– Industrial and storage facilities
– Car parks and underpasses
– Garages
– Workshops, assembly lines

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
– 5 years guarantee

PRODUCT FEATURES

– High luminous efficacy: up to 115 lm/W
– Beam angle: 105°

TECHNICAL DATA

Electrical data

Nominal wattage	55.00 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	25
Max. no. of lum. on circuit break. C10 A	25
Max. no. of lum. on circuit break. C16 A	40
Inrush current	9.0 A
Total harmonic distortion	< 20 %
Inrush current time T_{h50}	300 µs

Photometrical data

Color temperature	6500 K
Luminous flux	6400 lm
Luminous efficacy	115 lm/W
Standard deviation of color matching	≤5 sdcm
Light color (designation)	Cool Daylight
Color rendering index Ra	>80

Light technical data

Beam angle	105 °

Dimensions & weight
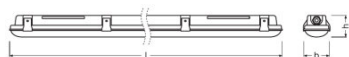
Length	1500 mm
Width	95.0 mm
Height	78.0 mm

Product weight	2300.00 g

Colors & materials

Body material	Polycarbonate (PC)
Product color	Gray
Housing color	Gray
Cover material	Polycarbonate (PC)

Temperatures & operating conditions

Ambient temperature range	-30...+40 °C

Lifespan

Number of switching cycles	25000
Lifespan L70/B50 at 25 °C	50000 h
Lifespan L80/B10 at 25 °C	35000 h
Lifespan L90/B10 at 25 °C	20000 h

Additional product data

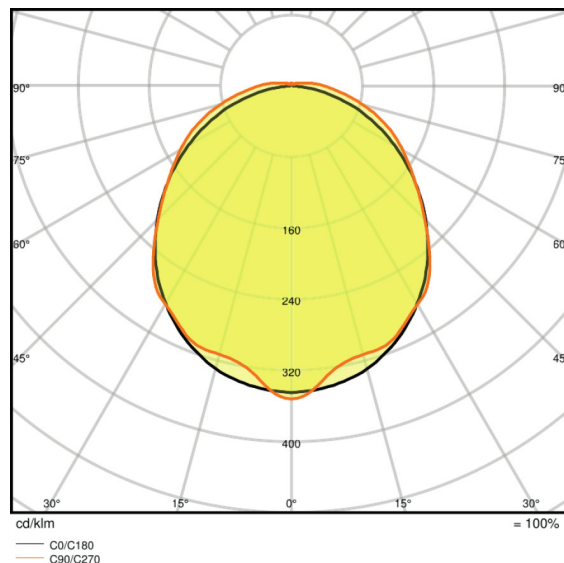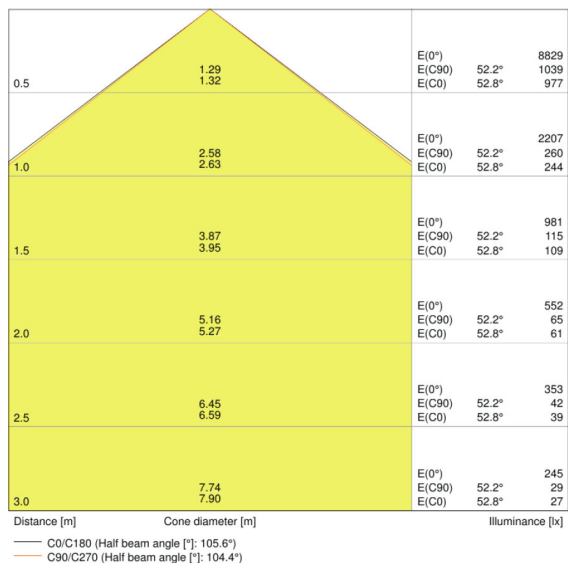| Mounting type	Suspended/Surface
Mounting location	Ceiling / Wall

Capabilities

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

Certificates & standards

Protection class IK (shock resistance)	IK08
Glow Wire Test according to IEC 60695-2-12	850 °C
Photobiological safety group EN62778	RG 0
Protection class	I
Type of protection	IP65
Luminaire with limited surface temperature, class "D"	Yes
Standards	CE/CB/TÜV SÜD/EAC/RoHS

Light Distribution

0.5	1.29 / 1.32	E(0°) 8829 / E(C90) 52.2° 1039 / E(C0) 52.8° 977
1.0	2.58 / 2.63	E(0°) 2207 / E(C90) 52.2° 260 / E(C0) 52.8° 244
1.5	3.87 / 3.95	E(0°) 981 / E(C90) 52.2° 115 / E(C0) 52.8° 109
2.0	5.16 / 5.27	E(0°) 552 / E(C90) 52.2° 65 / E(C0) 52.8° 61
2.5	6.45 / 6.59	E(0°) 353 / E(C90) 52.2° 42 / E(C0) 52.8° 39
3.0	7.74 / 7.90	E(0°) 245 / E(C90) 52.2° 29 / E(C0) 52.8° 27

Distance [m] — Cone diameter [m] — Illuminance [lx]

— C0/C180 (Half beam angle [°]: 105.6°)
— C90/C270 (Half beam angle [°]: 104.4°)

cd/klm   = 100%

— C0/C180
— C90/C270

LDC typ cone

LDC typ polar

EQUIPMENT / ACCESSORIES

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075079878	Folding carton box 1	1505 mm x 102 mm x 84 mm	2528.00 g	12.89 dm³
4058075079885	Shipping carton box 6	1525 mm x 333 mm x 192 mm	16355.00 g	97.50 dm³

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.

ADDITIONAL CATALOG INFORMATION
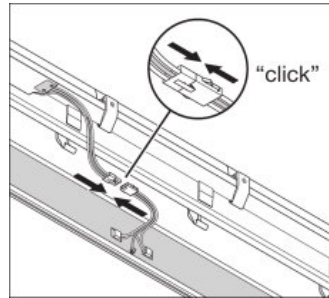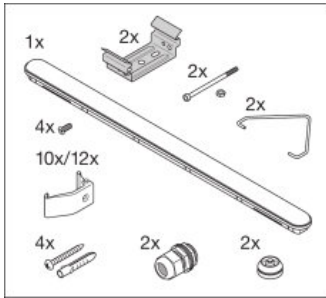
REFERENCES / LINKS

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.

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