PRODUCT DATASHEET
DP COMPACT 1500 55 W 4000K IP65 GY

DAMP PROOF COMPACT IP65 | Damp-proof luminaire, through-wired (L, N)

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 as mounting brackets can be positioned freely on the luminaire
– Easy access to electrical terminal thanks end caps with twist and lock mechanism
– Tool-free electrical connection due to push button connector
– 5 years guarantee

PRODUCT FEATURES

– High luminous efficacy: up to 120 lm/W
– Type of protection: IP65
– Beam angle: 120°
– Through-wired (L, N)

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
Inrush current	13.2 A
Total harmonic distortion	20 %
Inrush current time T$_{h50}$	111 µs

Luminaire control gear data

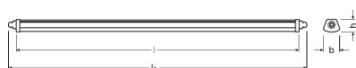|	
Ouput current	220 mA
Max. no. of lum. on circuit break. B16 A	38
Max. no. of lum. on circuit break. C10 A	31
Max. no. of lum. on circuit break. C16 A	50

Photometrical data

Color temperature	4000 K
Luminous flux	6700 lm
Luminous efficacy	120 lm/W
Standard deviation of color matching	≤5 sdcm
Light color (designation)	Cool White
Color rendering index Ra	>80

Light technical data

Beam angle	120 °

Dimensions & weight

Length	1590 mm
Width	86.0 mm
Height	68.0 mm
Product weight	1380.00 g

Colors & materials

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

Temperatures & operating conditions

Ambient temperature range	-35...+50 °C

Lifespan

Number of switching cycles	100000
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

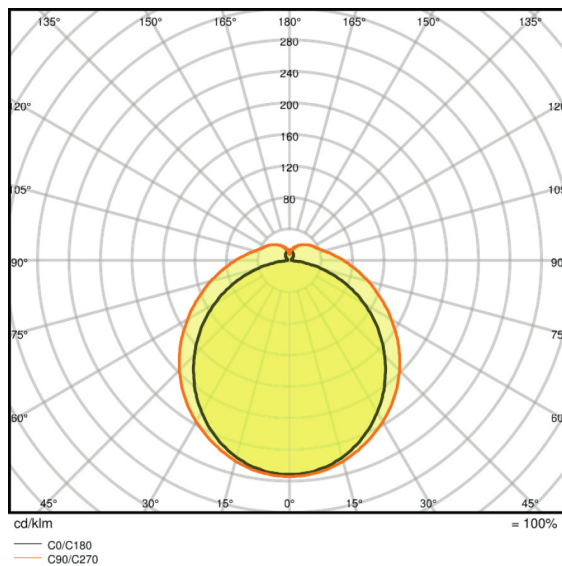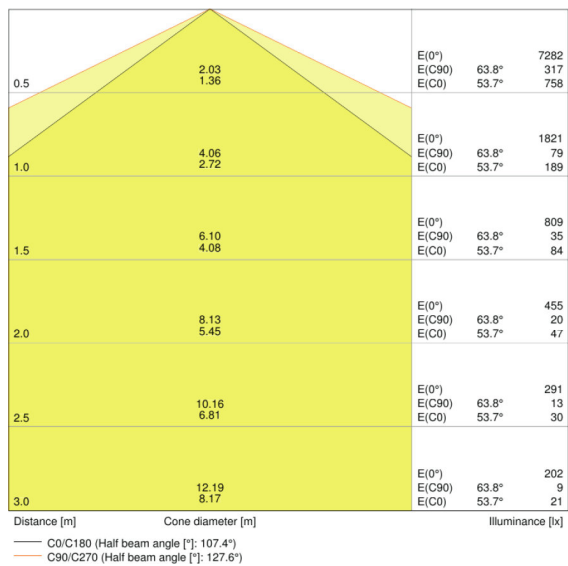| Mounting type	Suspended/Surface
Mounting location	Ceiling / Wall

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 695-2-1	850 °C
Photobiological safety group EN62778	RG 0
Protection class	II
Type of protection	IP65
Luminaire with limited surface temperature, class "D"	Yes
Standards	CE/CB/TÜV SÜD/EAC/RoHS

Light Distribution

Distance [m]	Cone diameter [m]				Illuminance [lx]
0.5	2.03 / 1.36	E(0°)			7282
		E(C90)	63.8°		317
		E(C0)	53.7°		758
1.0	4.06 / 2.72	E(0°)			1821
		E(C90)	63.8°		79
		E(C0)	53.7°		189
1.5	6.10 / 4.08	E(0°)			809
		E(C90)	63.8°		35
		E(C0)	53.7°		84
2.0	8.13 / 5.45	E(0°)			455
		E(C90)	63.8°		20
		E(C0)	53.7°		47
2.5	10.16 / 6.81	E(0°)			291
		E(C90)	63.8°		13
		E(C0)	53.7°		30
3.0	12.19 / 8.17	E(0°)			202
		E(C90)	63.8°		9
		E(C0)	53.7°		21

— C0/C180 (Half beam angle [°]: 107.4°)
— C90/C270 (Half beam angle [°]: 127.6°)

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
4058075062160	Folding carton box 1	72 mm x 1619 mm x 90 mm	1570.00 g	10.49 dm³
4058075062177	Shipping carton box 6	1640 mm x 200 mm x 240 mm	10820.00 g	78.72 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.

REFERENCES / LINKS

For Guarantee see
▶ www.ledvance.com/guarantee

DISCLAIMER

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