PRODUCT DATASHEET
DP COMPACT 1200 44 W 6500K IP66 GR

DAMP PROOF COMPACT IP66 | Damp-proof luminaire, through-wired (L, N, E)

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: IP66
– Beam angle: 120°
– Through-wiring 3x1.5mm² already installed

– Polycarbonate housing
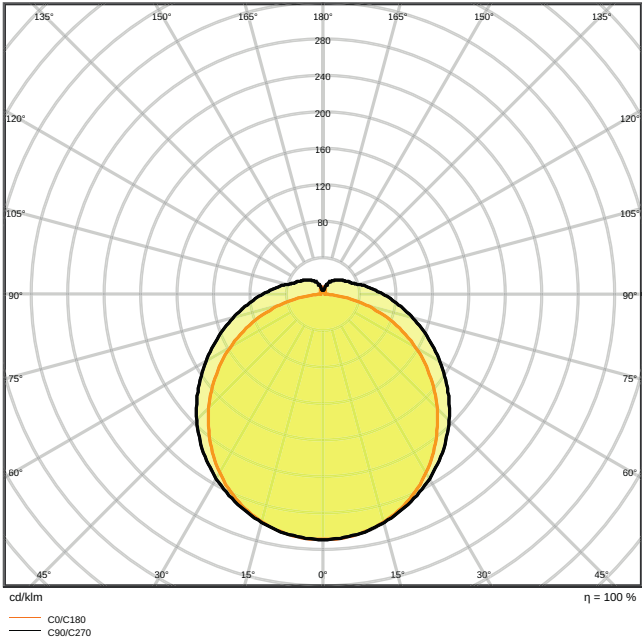
TECHNICAL DATA

Electrical data

Nominal wattage	44.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	240 mA
Inrush current	12 A
Inrush current time T_{h50}	170 µs
Max. no. of lum. on circuit break. B16 A	34
Max. no. of lum. on circuit break. C10 A	29
Max. no. of lum. on circuit break. C16 A	46
Power factor λ	> 0.90
Total harmonic distortion	20 %
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

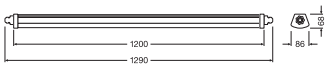|	
Luminous flux	5400 lm
Luminous efficacy	120 lm/W
Color temperature	6500 K
Light color (designation)	Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	≤5 sdcm
Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

0.5	2.07 1.48	E(0°) E(C90) 64.2° E(C0) 55.9°	5801 240 513
1.0	4.14 2.95	E(0°) E(C90) 64.2° E(C0) 55.9°	1450 60 128
1.5	6.21 4.43	E(0°) E(C90) 64.2° E(C0) 55.9°	645 27 57
2.0	8.27 5.91	E(0°) E(C90) 64.2° E(C0) 55.9°	363 15 32
2.5	10.34 7.38	E(0°) E(C90) 64.2° E(C0) 55.9°	232 10 21
3.0	12.41 8.86	E(0°) E(C90) 64.2° E(C0) 55.9°	161 7 14

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

— C0/C180 (Half beam angle [°]: 111.8°)
— C90/C270 (Half beam angle [°]: 128.4°)

LDC typ cone

cd/klm   η = 100 %

— C0/C180
— C90/C270

LDC typ polar

Dimensions & Weight

Length	1290.00 mm
Width	86.00 mm
Height	68.00 mm
Product weight	1160.00 g

Materials & Colors

Product color	Gray
Housing color	Gray
Body material	Polycarbonate (PC)
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)

Glow Wire Test according to IEC 60695-2-12	850 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-35…+50 °C
Temperature range at storage	-40…+70 °C
Type of connection	Screwless terminal, 3-Pole
Type of protection	IP66
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Suspended/Surface
Mounting location	Ceiling / Wall
LED module replaceable	Not replaceable

Lifespan

Lifespan L70/B50 at 25 °C	50000 h
Lifespan L80/B10 at 25 °C	35000 h
Lifespan L90/B10 at 25 °C	20000 h
Number of switching cycles	100000

Certificates & Standards

Standards	CE / CB / TÜV SÜD / EAC / RoHS
Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No

EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	User instruction DAMPPROOF COMPACT IP66
	Tender documents Tender Text 4058075210066

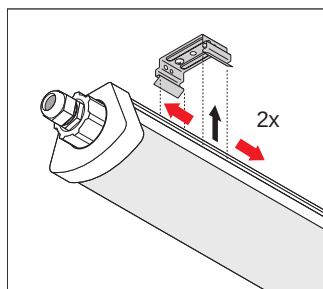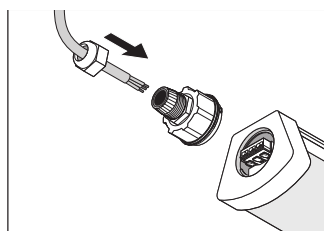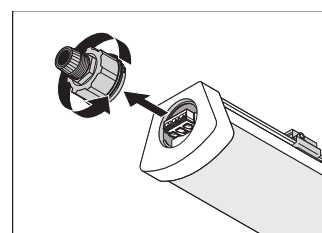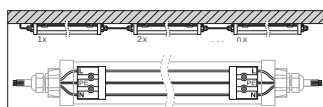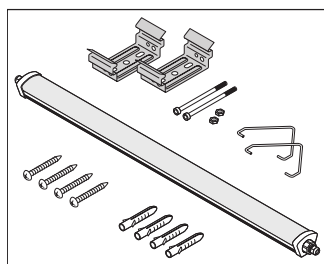|	DOWNLOAD DATA
PDF	Declarations of conformity EC Declaration of Damp Proof Compact
	IES file (IES) DP Compact 1200 44W 6500K GR IP66
	LDT file (Eulumdat) DP Compact 1200 44W 6500K GR IP66
	R3D file (Relux 3D Model) DAMP PROOF COMPACT 1200
	M3D file (3D Model) DAMP PROOF COMPACT 1200
	UGR file (UGR table) DP Compact 1200 44W 6500K GR IP66

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075210066	Folding box 1	72 mm x 1,319 mm x 90 mm	1310.00 g	8.55 dm³
4058075210073	Shipping box 6	1,340 mm x 200 mm x 240 mm	8380.00 g	64.32 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.