

# PRODUCT DATASHEET

## DP COMPACT 1500 31 W 4000K IP66 GR

DAMP PROOF COMPACT GEN 1 | 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

- Uniform light distribution
- 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 to 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 3x1.5mm<sup>2</sup> already installed



– Polycarbonate housing

## TECHNICAL DATA

### Electrical data

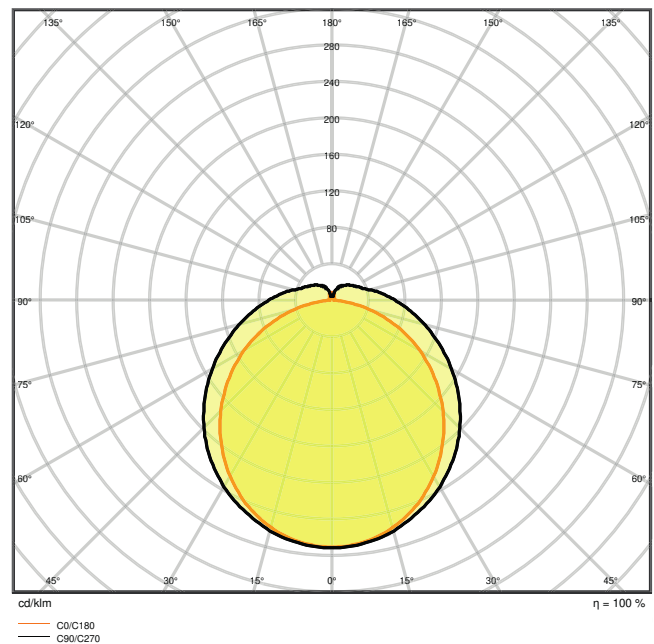
Nominal wattage	31.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	170 mA
Inrush current	13 A
Inrush current time $T_{h50}$	140 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	46
Max. number of luminaires per miniature circuit breaker C10	36
Max. number of luminaires per miniature circuit breaker C16	59
Power factor $\lambda$	> 0.90
Total harmonic distortion	20 %
Protection class	II
Operating mode	Integrated LED driver

### Photometrical data

Luminous flux	3800 lm
Luminous efficacy	120 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	$\leq 5$ sdc <sub>m</sub>
Low flicker	Yes
Flickering metric (Pst LM)	$\leq 1$
Stroboscope effect metric (SVM)	$\leq 0.9$
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °



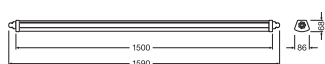
DP Compact 1500 31W 4000K GR IP66



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Dimensions & Weight

Length	1590.00 mm
Width	86.00 mm
Height	68.00 mm
Product weight	1350.00 g



Dampproof Compact 1500 IP65

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
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### 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
Application environment	Indoor
With light source	Yes

### Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	35000 h <sup>1)</sup>
Lifespan L80/B50 at 25 °C	35000 h
Lifespan L90/B10 at 25 °C	20000 h
Number of switching cycles	100000

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

### Control gear

Output current	356 mA
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### Certificates & Standards

Standards	CE / CB / TÜV SÜD / EAC / RoHS / EPD
Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No
EPD	LEDV-00003-V01.01-EN
Replaceable light source (EPREL)	Not replaceable















### EQUIPMENT / ACCESSORIES


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

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	UI_DP COMPACT
	Legal information	LS Insert DP COMPACT
	Legal information	Informationstext 18 Abs 4 ElektroG
	Declarations of conformity	EC Declaration of Damp Proof Compact
	Declarations of conformity UKCA	DP Compact 1500 GR IP66
Photometric and lighting design files		Document name
	IES file (IES)	DP Compact 1500 31W 4000K GR IP66
	LDT file (Eulumdat)	DP Compact 1500 31W 4000K GR IP66
	ULD file (DIALux)	DP COMPACT 1500 31W 4000K GR IP66
	ROLF file (RELUX)	DP COMPACT 1500 31W 4000K IP66 GR
	UGR file (UGR table)	DP Compact 1500 31W 4000K GR IP66
	Light distribution curve type cone	DP Compact 1500 31W 4000K GR IP66
	Light distribution curve type polar	DP Compact 1500 31W 4000K GR IP66
CAD/BIM files		Document name
	BIM Revit 3D	Damp Proof Compact G1
	CAD STEP 3D	DP COMP 1500

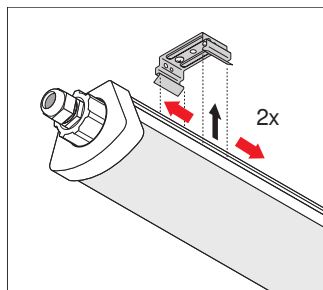
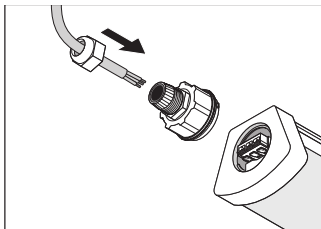
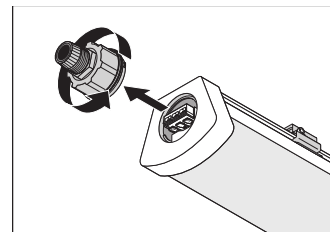
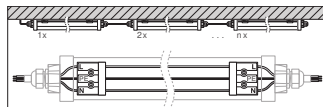
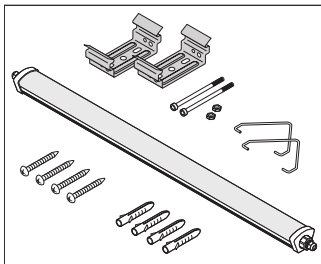
Tender texts	Document name
 Tender documents	DAMP PROOF COMPACT IP66 1500 31 W 4000K IP66 GR-EN

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075210080	Folding box 1	72 mm x 1,619 mm x 90 mm	1540.00 g	10.49 dm <sup>3</sup>
4058075210097	Shipping box 6	1,640 mm x 200 mm x 240 mm	9855.00 g	78.72 dm <sup>3</sup>

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](http://www.ledvance.com/guarantee)

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