

# PRODUCT DATASHEET

## DP COMP TH 1500 V 62W 840 IP66

DAMP PROOF COMPACT THROUGHWIRING GEN 2 | Modern damp-proof luminaires with through-wiring and lumen-switchable versions

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### Areas of application

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



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### Product benefits

- Excellently usable in bigger installations due to preinstalled through-wiring (3x1.5mm<sup>2</sup>)
- Easy access to electrical terminal thanks to end caps with twist and lock mechanism
- Tool-free electrical connection due to push button connector
- Uniform light distribution
- 5 years guarantee

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### Product features

- Power select option available to select between 2 lumen packages
- Through-wiring 3x1.5mm<sup>2</sup> already installed
- Lifetime (L80/B10): up to 50,000 h (at 25 °C)
- High luminous efficacy: up to 123 lm/W
- Polycarbonate housing IP66 and IK08
- Beam angle: 120°



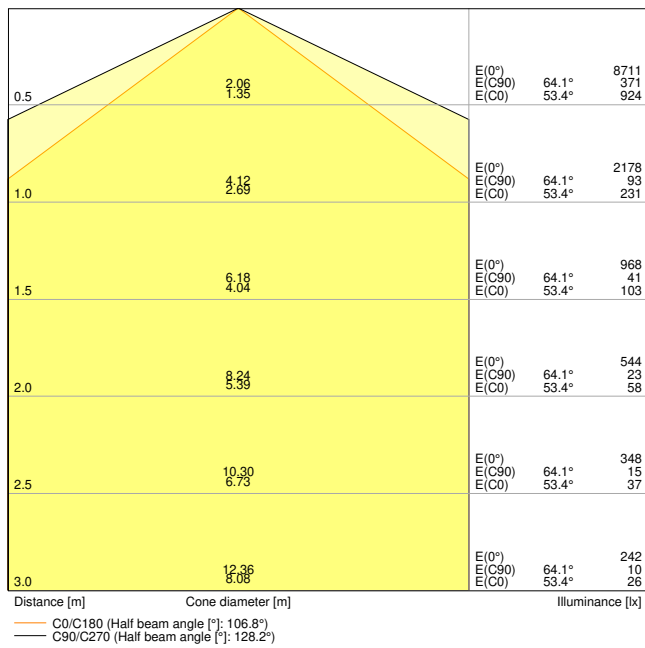
## TECHNICAL DATA

### Electrical data

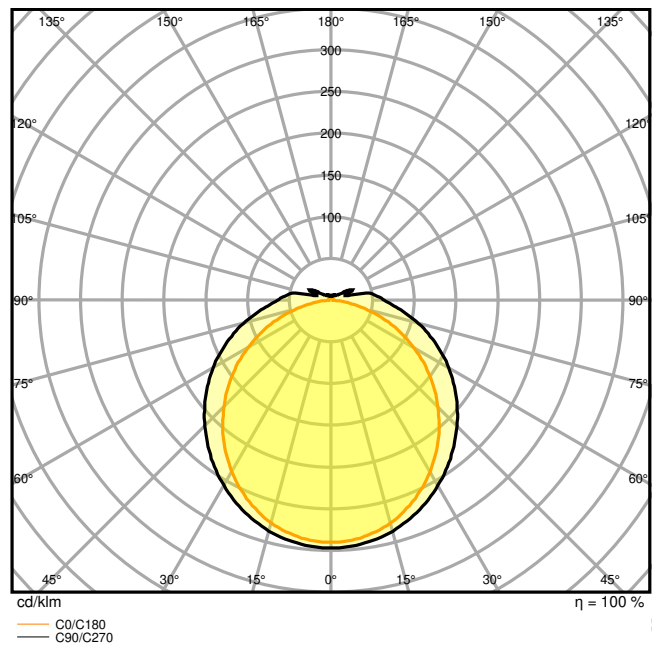
Nominal wattage	62.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	277.000 mA
Inrush current	38.4 A
Inrush current time $T_{h50}$	4.64 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	26
Max. number of luminaires per miniature circuit breaker C10	22
Max. number of luminaires per miniature circuit breaker C16	35
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Integrated LED driver

### Photometrical data

Luminous flux	7500 lm
Luminous efficacy	120 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	$\geq$ 80
Standard deviation of color matching	5 sdc <sub>m</sub>
Low flicker	Yes
Flickering metric (Pst LM)	$\leq$ 1
Stroboscope effect metric (SVM)	$\leq$ 0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °



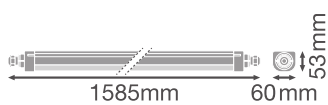
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Dimensions & Weight

Length	1585.00 mm
Width	60.00 mm
Height	53.00 mm
Product weight	1005.00 g



DP COMP TH 1500 V

Materials & Colors

Product color	White
Housing color	White
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	-20...+45 °C
Temperature range at storage	-40...+80 °C
Type of connection	Screwless terminal, 3-Pole
Type of protection	IP66
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface/Suspended
Mounting location	Wall / Ceiling
Application environment	Indoor
Adjustable	No
With light source	Yes

### Lifespan

Lifespan L70/B50 at 25 °C	55000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	36000 h <sup>1)</sup>
Lifespan L80/B50 at 25 °C	36000 h
Lifespan L90/B10 at 25 °C	19000 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	694 mA
ECG - Output ripple current	< 20 %

### Certificates & Standards

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

Ball shot safe	No
EPD	LEDV-00004-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 COMP V
	Legal information	LSI DP COMP V
	Legal information	Informationstext 18 Abs 4 ElektroG
	Declarations of conformity	DP COMP_GE
	Declarations of conformity	DP COMP_UKCA
	Declarations of conformity UKCA	DP COMP IP66
Photometric and lighting design files		Document name
	IES file (IES)	DP COMP TH 1500 V 62W 840 IP66
	LDT file (Eulumdat)	DP COMP TH 1500 V 62W 840 IP66
	ULD file (DIALux)	DP COMP TH 1500 V 62W 840 IP66
	ROLF file (RELUX)	DP COMP TH 1500 V 62W 840

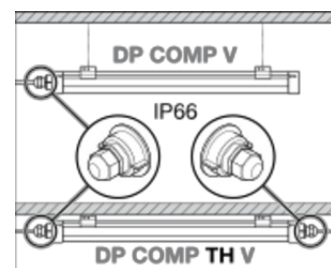
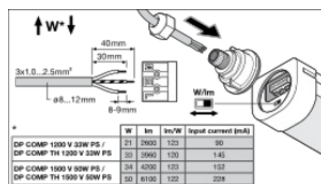
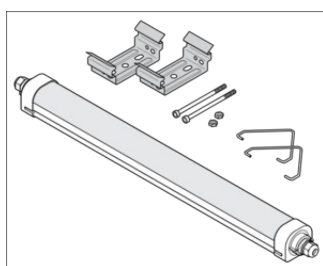
Photometric and lighting design files		Document name
	UGR file (UGR table)	DP COMP TH 1500 V 62W 840 IP66
	Light distribution curve type cone	DP COMP TH 1500 V 62W 840 IP66
	Light distribution curve type polar	DP COMP TH 1500 V 62W 840 IP66
CAD/BIM files		Document name
	BIM Revit 3D	DP COMP G2
	CAD STEP 3D	DP COMP TH G2 1500
Tender texts		Document name
	Tender documents	DAMP PROOF COMPACT THROUGHWIRING GEN 2 1500 V 62W 840 IP66-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075740990	Folding box 1	60 mm x 1,612 mm x 67 mm	1277.00 g	6.48 dm <sup>3</sup>
4058075741003	Shipping box 6	1,640 mm x 195 mm x 145 mm	8756.00 g	46.37 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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