

PRODUCT DATASHEET

DP COMP TH 1500 V 50W 840 IP66 PS

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

Areas of application

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



VALUE
CLASS

Product benefits

- Excellently usable in bigger installations due to preinstalled through-wiring (3x1.5mm²)
- 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

Product features

- Power select option available to select between 2 lumen packages
- Through-wiring 3x1.5mm² 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

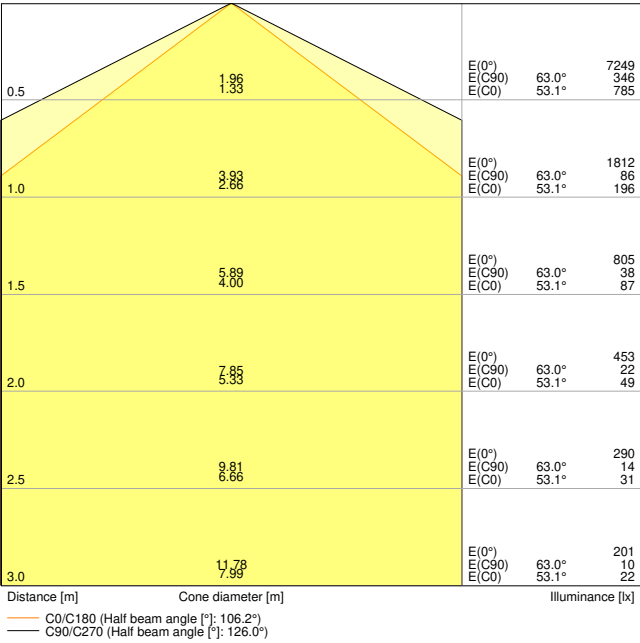
Nominal wattage	50 W / 34 W ¹⁾
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	228.000 mA ¹⁾
Inrush current	35.2 A
Inrush current time T _{h50}	4.48 µs
Max. number of luminaires per miniature circuit breaker B16	33
Max. number of luminaires per miniature circuit breaker C10	27
Max. number of luminaires per miniature circuit breaker C16	44
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Integrated LED driver

¹⁾ For possible options refer to lumen/power table image

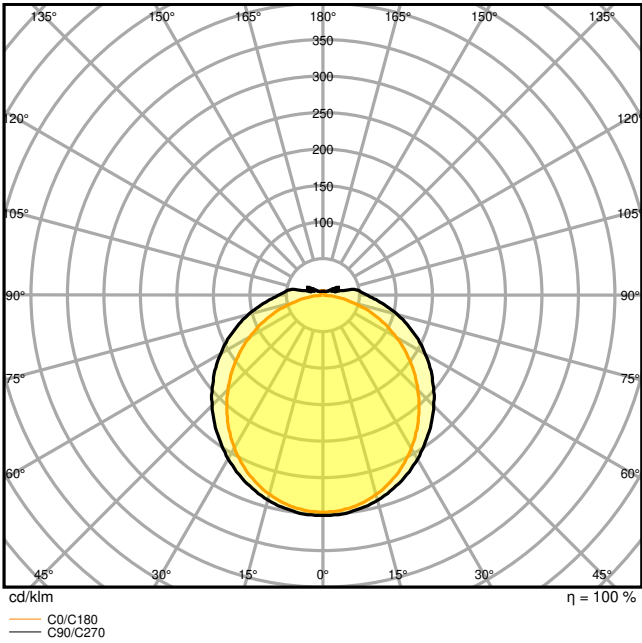
Photometrical data

Luminous flux	6100 lm / 4200 lm ¹⁾
Luminous efficacy	123 lm/W / 122 lm/W ¹⁾
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Standard deviation of color matching	5 sdcm
Low flicker	Yes
Flickering metric (Pst LM)	≤ 1
Stroboscope effect metric (SVM)	≤ 0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

¹⁾ For possible options refer to lumen/power table image



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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
RAL Color (most similar)	RAL 9016

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	Yes
Type of dimming	DIP SWITCH
Mounting type	Surface/Suspended
Mounting location	Wall / Ceiling
Application environment	Indoor
Adjustable	No
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	75000 h ¹⁾
Lifespan L80/B10 at 25 °C	50000 h ¹⁾
Lifespan L80/B50 at 25 °C	50000 h
Lifespan L90/B10 at 25 °C	25000 h
Number of switching cycles	100000

¹⁾ 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	570 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

Additional product data

Added function	MULTI SELECT
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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_CE
	Declarations of conformity	DP COMP_UKCA
	Declarations of conformity UKCA	DP COMP IP66
	EPD	EPD EN DAMP PROOF COMPACT GEN 2
Photometric and lighting design files		Document name
	IES file (IES)	DP COMP TH 1500 V 50W 840 IP66 PS
	LDT file (Eulumdat)	DP COMP TH 1500 V 50W 840 IP66 PS
	ULD file (DIALux)	DP COMP TH 1500 V 50W 840 IP66
	ROLF file (RELUX)	DP COMP TH 1500 V 50W 840
	UGR file (UGR table)	DP COMP TH 1500 V 50W 840 IP66 PS
	Light distribution curve type cone	DP COMP TH 1500 V 50W 840 IP66 PS

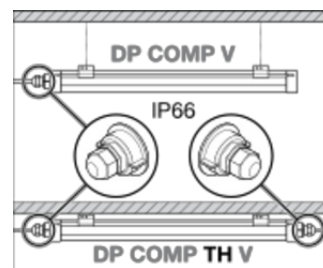
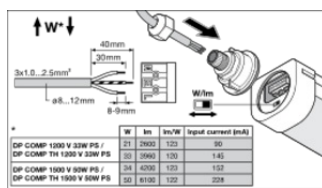
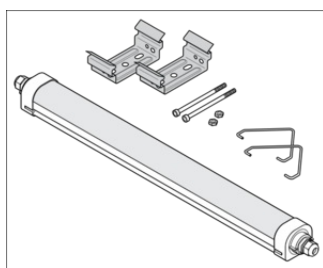
Photometric and lighting design files		Document name
	Light distribution curve type polar	DP COMP TH 1500 V 50W 840 IP66 PS
CAD/BIM files		Document name
	BIM Revit 3D	DP COMP G2
	CAD STEP 3D	DP COMP TH G2 1500
Tender texts		Document name
	Tender documents	DAMP PROOF COMPACT THROUGHWIRING GEN 2 1500 V 50W 840 IP66 PS-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075740938	Folding box 1	60 mm x 1,612 mm x 67 mm	1277.00 g	6.48 dm ³
4058075740945	Shipping box 6	1,640 mm x 195 mm x 145 mm	8756.00 g	46.37 dm ³

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



	W	lm	lm/W	Input current (mA)
DP COMP 1200 V 33W PS / DP COMP TH 1200 V 33W PS	21	2600	123	90
	33	3960	120	145
DP COMP 1500 V 50W PS / DP COMP TH 1500 V 50W PS	34	4200	123	152
	50	6100	122	228

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.