

PRODUCT DATASHEET

DP COMP 600 V 16W 840 IP66

DAMP PROOF COMPACT GEN 2 | Modern damp-proof luminaires with lumen-switchable versions



Areas of application

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

Product benefits

- Highly versatile due to available power select versions that allow 2 different lumen packages
- 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
- Uniform light distribution
- 5 years guarantee

Product features

- Power select option available to select between 2 lumen packages
- 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°

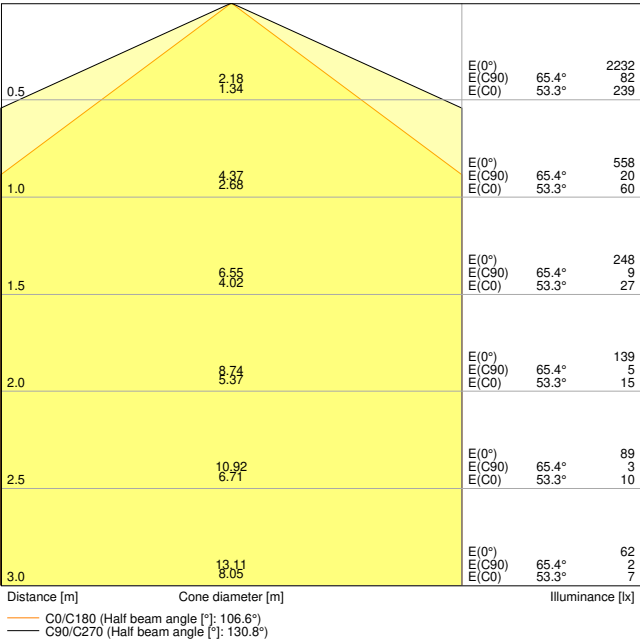
TECHNICAL DATA

Electrical data

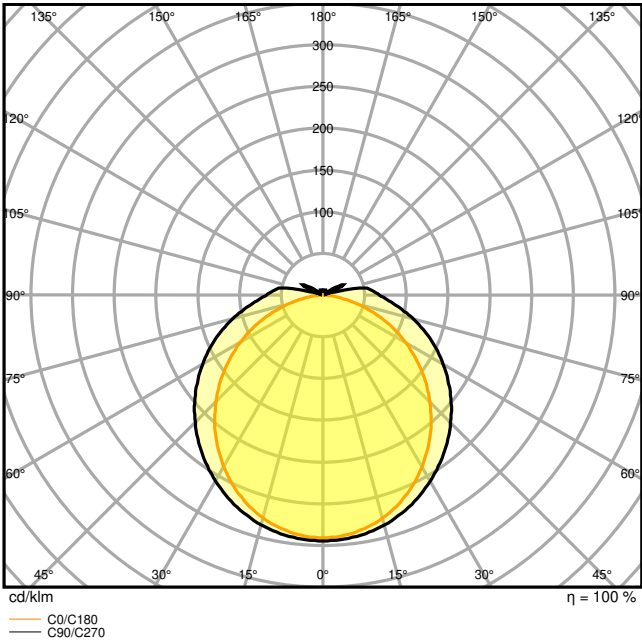
Nominal wattage	16.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	69.000 mA
Inrush current	22.4 A
Inrush current time T_{h50}	3.92 μ s
Max. number of luminaires per miniature circuit breaker B16	109
Max. number of luminaires per miniature circuit breaker C10	90
Max. number of luminaires per miniature circuit breaker C16	145
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	1920 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	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 °



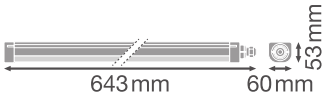
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Dimensions & Weight

Length	643.00 mm
Width	60.00 mm
Height	53.00 mm
Product weight	410.00 g



DP COMP 600 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
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	32000 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	170 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

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 UKCA	DP COMP IP66
Photometric and lighting design files		Document name
	IES file (IES)	DP COMP 600 V 16W 840 IP66
	LDT file (Eulumdat)	DP COMP 600 V 16W 840 IP66
	ULD file (DIALux)	DP COMP 600 V 16W 840 IP66
	ROLF file (RELUX)	DP COMP 600 V
	UGR file (UGR table)	DP COMP 600 V 16W 840 IP66
	Light distribution curve type cone	DP COMP 600 V 16W 840 IP66
	Light distribution curve type polar	DP COMP 600 V 16W 840 IP66
CAD/BIM files		Document name
	BIM Revit 3D	DP COMP G2
	CAD STEP 3D	DP COMP G2 600
Tender texts		Document name
	Tender documents	DAMP PROOF COMPACT GEN 2 600 V 16W 840 IP66-EN

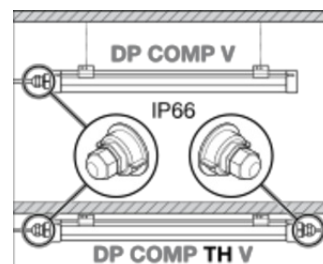
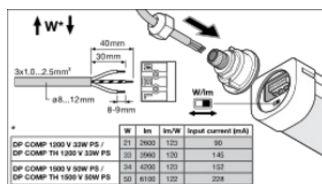
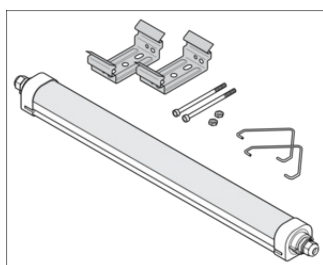
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075740853	Folding box 1	60 mm x 672 mm x 67 mm	527.00 g	2.70 dm³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075740860	Shipping box 9	700 mm x 210 mm x 195 mm	5386.00 g	28.67 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



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.