PRODUCT DATASHEET
DP 600 E 21W 865 VW IP65 GY

DAMP PROOF ECO VERY WIDE | Damp-proof luminaires, classic shape with 3x1.5mm² throughwiring

Areas of application

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

Product benefits

- Low flicker ≤ 5 %
- Evenly distributed light
- Energy savings of up to 60 % (compared to luminaires that use fluorescent lamps)
- Easy installation, no tools required for connection
- 5 years guarantee

Product features

- High luminous efficacy: up to 135 lm/W
- Type of protection: IP65
- Beam angle: 110°, 90° x 60°, 30°x 80°
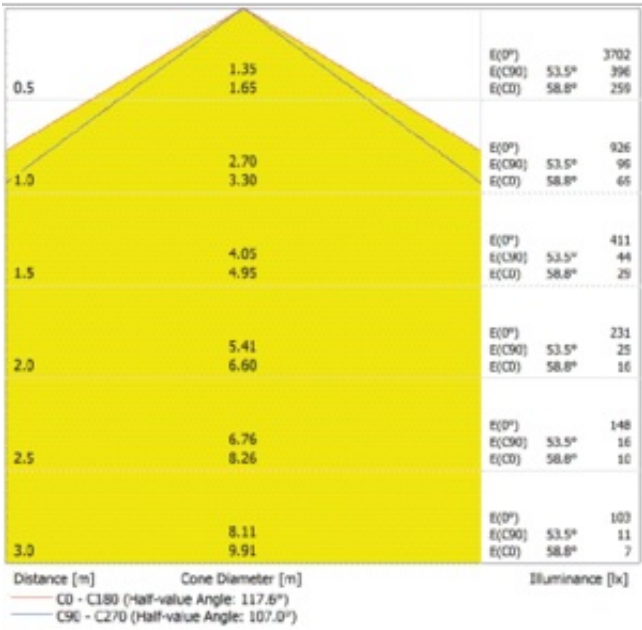- Through-wiring 3x1.5mm² already installed
- Polycarbonate housing
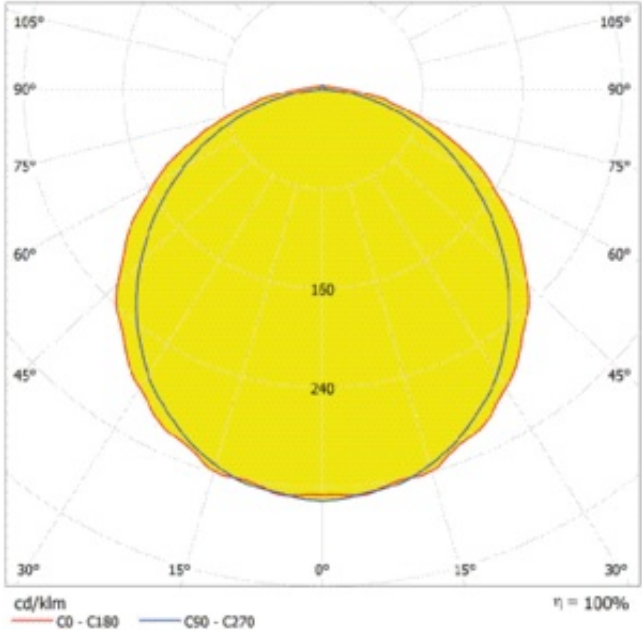
TECHNICAL DATA

Electrical data

Nominal wattage	21.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	100.000 mA
Inrush current	7.60 A
Inrush current time T_{h50}	12.3 µs
Max. number of luminaires per miniature circuit breaker B16	98
Max. number of luminaires per miniature circuit breaker C10	65
Max. number of luminaires per miniature circuit breaker C16	104
Power factor λ	> 0.88
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	2835 lm
Luminous efficacy	135 lm/W
Color temperature	6500 K
Light color (designation)	Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcm
Low flicker	Yes
Flickering metric (Pst LM)	≤ 1
Stroboscope effect metric (SVM)	≤ 0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	120 °

LDC typ cone

LDC typ polar

Dimensions & Weight

Length	594.00 mm
Width	70.00 mm
Height	60.00 mm
Product weight	565.00 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	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+80 °C
Type of connection	Screwless terminal, 3-Pole
Type of protection	IP65
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling
Application environment	Indoor
Adjustable	No
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	50000 h [1]
Lifespan L80/B10 at 25 °C	35000 h [1]
Lifespan L90/B10 at 25 °C	15000 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	250 mA
ECG - Output ripple current	< 50 %

Certificates & Standards

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

Additional product data

Product remark	Available from December 2023

EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA

	Documents and certificates
PDF	User instruction
PDF	Addon Technical Information
PDF	Packaging insert
PDF	Declarations Of Conformity CE
PDF	Declarations Of Conformity UKCA

	Photometric and lighting design files
IES	IES file (IES)
LDT	LDT file (Eulumdat)
	UGR file (UGR table)
	LDC typ cone
	LDC typ polar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854080340	Folding box 1	622 mm x 75 mm x 65 mm	641.00 g	3.03 dm³
4099854080357	Shipping box 12	639 mm x 245 mm x 288 mm	8382.00 g	45.09 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.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.