

# PRODUCT DATASHEET

## DP 1500 E 80W 840 VN IP65 GY

DAMP PROOF ECO VERY NARROW | Damp-proof luminaires, classic shape with 3x1.5mm<sup>2</sup> throughwiring



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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

- Low flicker  $\leq 5\%$
- Uniform light distribution
- Energy savings of up to 60 % (compared to luminaires that use fluorescent lamps)
- Easy installation, no tools required for connection
- 5 years guarantee

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### 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 3x1.5mm<sup>2</sup> already installed
- Polycarbonate housing



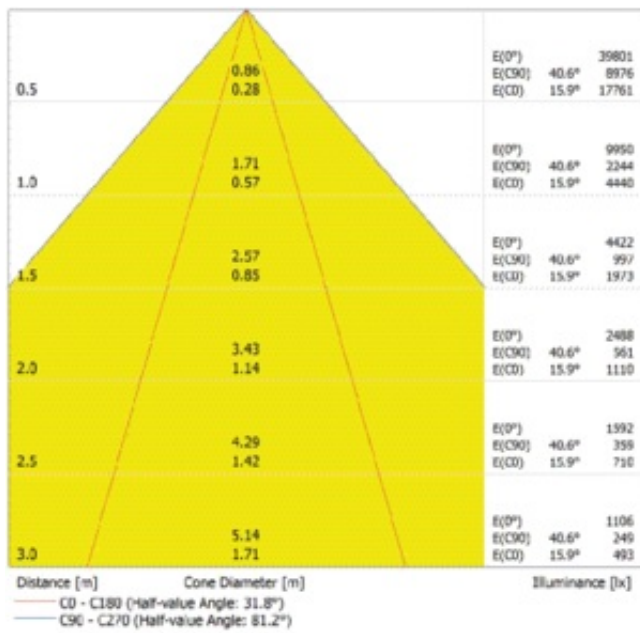
## TECHNICAL DATA

### Electrical data

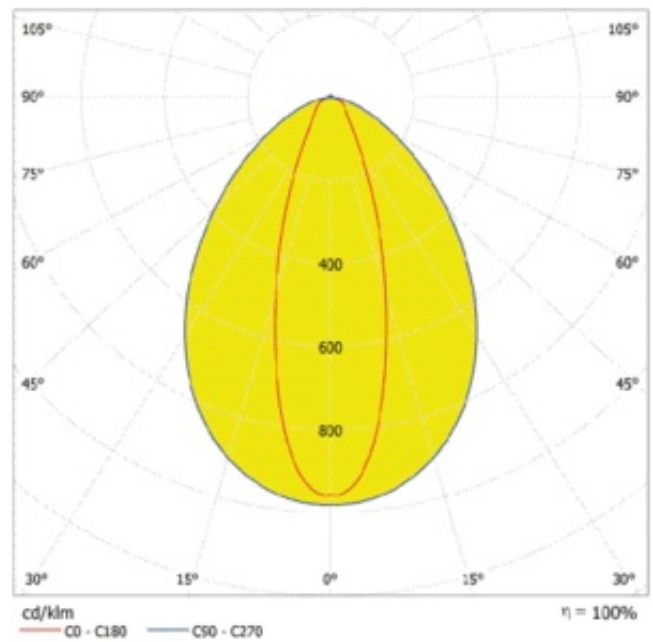
Nominal wattage	80.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	350.000 mA
Inrush current	7.60 A
Inrush current time $T_{h50}$	16.4 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	33
Max. number of luminaires per miniature circuit breaker C10	20
Max. number of luminaires per miniature circuit breaker C16	33
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Integrated LED driver

### Photometrical data

Luminous flux	10400 lm
Luminous efficacy	130 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 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	RG1
Beam angle	30 °



DP 1500 E 80W VN



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Dimensions & Weight

Length	1494.00 mm
Width	70.00 mm
Height	60.00 mm
Product weight	1780.00 g



DP 1500 E

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
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### 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
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	15000 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	250 mA
ECG - Output ripple current	< 20 %

### Certificates & Standards















Standards	CE / CB / EAC / RoHS / UKCA
Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

### EQUIPMENT / ACCESSORIES

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

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**DOWNLOAD DATA**

Documents and certificates		Document name
	User instruction / safety instructions	DAMPPROOF E IP65
	Legal information	DAMPPROOF E
	Legal information	DAMPPROOF E
	Legal information	Informationstext 18 Abs 4 ElektroG
	Declarations of conformity	CE Declaration DP 600 E 21W 840 VW IP65 GY
	Declarations of conformity UKCA	UKCA Declaration DP 600 E 21W 840 VW IP65 GY
Photometric and lighting design files		Document name
	IES file (IES)	DP 1500 E 80W 840 VN IP65 GY
	LDT file (Eulumdat)	DP 1500 E 80W 840 VN IP65 GY
	ULD file (DIALux)	DP 1500 E 80W 840 VN IP65 GY
	ROLF file (RELUX)	DP 1500 E 80W 840 VN IP65 GY
	UGR file (UGR table)	DP 1500 E 80W VN
	Light distribution curve type cone	DP 1500 E 80W VN
	Light distribution curve type polar	DP 1500 E 80W VN
CAD/BIM files		Document name
	BIM Revit 3D	Damp Proof Eco

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**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854080715	Folding box 1	1,522 mm x 75 mm x 65 mm	1966.00 g	7.42 dm <sup>3</sup>
4099854080722	Shipping box 6	1,539 mm x 245 mm x 158 mm	12893.00 g	59.57 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.

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## DISCLAIMER

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