

# PRODUCT DATASHEET

## DP VAL 600 18W 4000K IP65

DAMP PROOF VALUE | Damp-proof luminaires, classic shape



### Areas of application

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

### Product benefits

- Evenly distributed light
- Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
- Easy installation, no tools required for connection
- 3 years guarantee

### Product features

- High luminous efficacy: up to 120 lm/W
- Type of protection: IP65
- Beam angle: 115°
- Through-wiring possible
- Polycarbonate housing



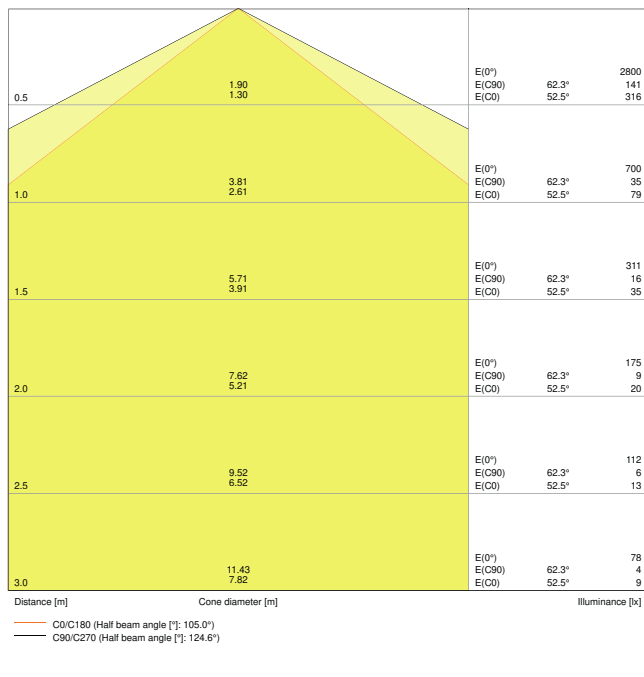
## TECHNICAL DATA

### Electrical data

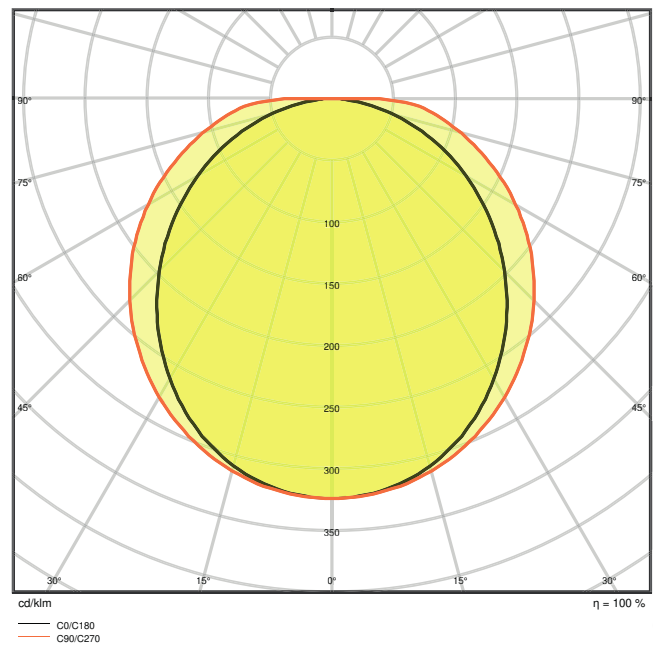
Nominal wattage	18.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	100 mA
Inrush current	14 A
Inrush current time $T_{h50}$	110 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	53
Max. number of luminaires per miniature circuit breaker C10	42
Max. number of luminaires per miniature circuit breaker C16	68
Power factor $\lambda$	$\geq 0.90$
Total harmonic distortion	< 25 %
Protection class	I
Operating mode	Integrated LED driver

### Photometrical data

Luminous flux	2160 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 sdc <sub>m</sub>
Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Beam angle	115 °



LDC typ cone



LDC typ polar

### Dimensions & Weight

Length	600.00 mm
Width	77.00 mm
Height	68.00 mm
Product weight	655.00 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	850 °C
Mercury content	0.0 mg

### Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-40...+70 °C
Type of connection	Screwless
Type of protection	IP65
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling / Wall
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

### Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
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	230 mA
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### Certificates & Standards

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

### EQUIPMENT / ACCESSORIES

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

### DOWNLOAD DATA

**Documents and certificates**



User instruction



Addon Technical Information



Declarations Of Conformity CE



Declarations Of Conformity UKCA

**Photometric and lighting design files**



IES file (IES)



LDT file (Eulumdat)



ULD file (DIALux)



ROLF file (RELUX)



UGR file (UGR table)



LDC typ cone



LDC typ polar

**CAD/BIM files**



CAD\_STEP\_3D

**Tender texts**



Tender documents

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075300743	Folding box 1	70 mm x 608 mm x 83 mm	819.00 g	3.53 dm <sup>3</sup>
4058075300750	Shipping box 6	625 mm x 181 mm x 230 mm	5568.00 g	26.02 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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### References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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