

# 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

- Uniform light distribution
- 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



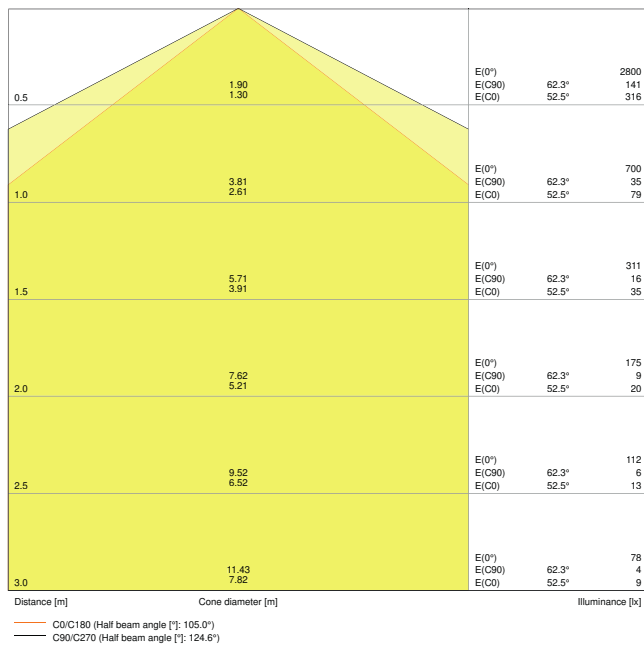
## TECHNICAL DATA

### Electrical data

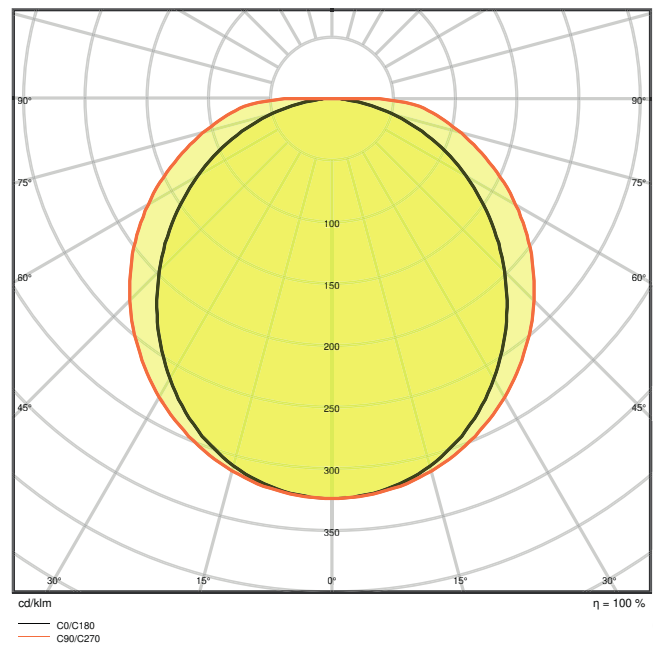
Nominal wattage	18.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	100 mA
Inrush current	14 A
Inrush current time $T_{h50}$	110 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	53
Max. number of luminaires per miniature circuit breaker C10	42
Max. number 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 °



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### Dimensions & Weight

Length	600.00 mm
Width	77.00 mm
Height	68.00 mm
Product weight	655.00 g

DP VAL 600 IP65

### 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
With light source	Yes
Replaceable light source	No

## 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
Replaceable light source (EPREL)	Not replaceable

## Additional product data

Product remark	When used in very cold applications as in cold storage, a special membrane might be required to ensure lifetime
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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_DAMP PROOF VALUE
	Legal information	LS Insert DP VAL IP65
	Legal information	Informationstext 18 Abs 4 ElektroG
	Declarations of conformity	CE DAMPPROOF Value 0.6 18W 840 4000K AC18147
	Declarations of conformity UKCA	DP VAL 600 IP65
Photometric and lighting design files		Document name
	IES file (IES)	DP VAL 600 18W 4000K IP65
	LDT file (Eulumdat)	DP VAL 600 18W 4000K IP65
	ULD file (DIALux)	DP VAL 600 18W-4000K IP65
	ROLF file (RELUX)	DP VAL 600 18W-4000K
	UGR file (UGR table)	DP VAL 600 18W 4000K IP65
	Light distribution curve type cone	DP VAL 600 18W 4000K IP65
	Light distribution curve type polar	DP VAL 600 18W 4000K IP65
CAD/BIM files		Document name
	BIM Revit 3D	Damp Proof Value
	CAD STEP 3D	DP VAL 600

Tender texts	Document name
 Tender documents	DAMP PROOF VALUE 600 18 W 4000 K IP65-EN

**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.

**References / Links**

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

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