

PRODUCT DATASHEET

DP VAL 1800 70W 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

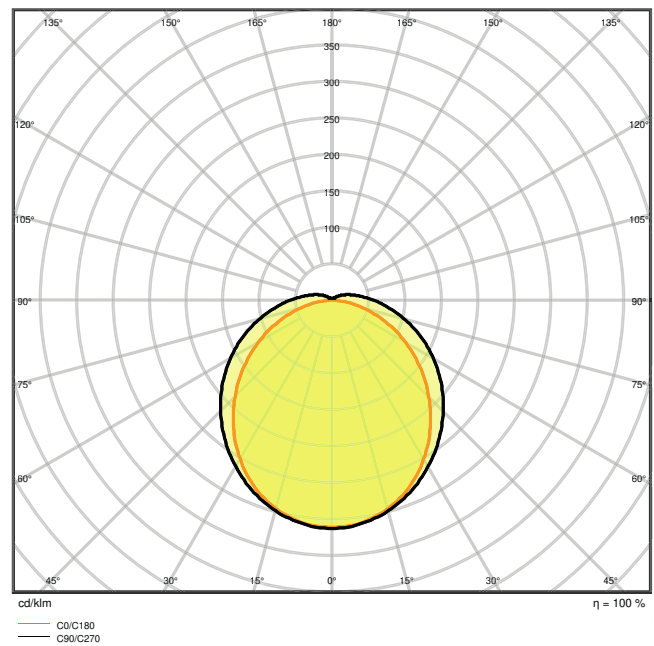
Nominal wattage	70.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	370 mA
Inrush current	14 A
Inrush current time T_{h50}	240 μ s
Max. number of luminaires per miniature circuit breaker B16	18
Max. number of luminaires per miniature circuit breaker C10	17
Max. number of luminaires per miniature circuit breaker C16	28
Power factor λ	≥ 0.90
Total harmonic distortion	< 25 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	7500 lm
Luminous efficacy	105 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	< 5 sdc _m
Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Beam angle	115 °



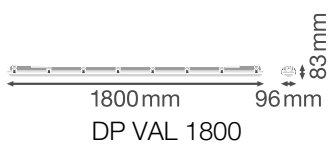
DP VAL 1800 70W4000K IP65



DP VAL 1800 70W4000K IP65

Dimensions & Weight

Length	1800.00 mm
Width	96.00 mm
Height	83.00 mm
Product weight	2230.00 g



Materials & Colors

Product color	Gray
Housing color	Gray
RAL Color (most similar)	RAL 7514
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	30000 h ¹⁾
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	370 mA
----------------	--------

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
----------------	---

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	DP VAL 1800
	Declarations of conformity UKCA	DP VAL 1800 IP65
Photometric and lighting design files		Document name
	IES file (IES)	DP VAL 1800 70W4000K IP65
	LDT file (Eulumdat)	DP VAL 1800 70W4000K IP65
	ULD file (DIALux)	DP VAL 1800 70W-4000K
	ROLF file (RELUX)	DP VAL 1800 70W-4000K
	UGR file (UGR table)	DP VAL 1800 70W4000K IP65
	Light distribution curve type cone	DP VAL 1800 70W4000K IP65
	Light distribution curve type polar	DP VAL 1800 70W4000K IP65
CAD/BIM files		Document name
	BIM Revit 3D	Damp Proof Value

CAD/BIM files	Document name
 CAD STEP 3D	DP VAL 1800

Tender texts	Document name
 Tender documents	DAMP PROOF VALUE 1800 70 W 4000 K IP65-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075300989	Folding box 1	86 mm x 1,800 mm x 97 mm	2306.00 g	15.02 dm ³
4058075300996	Shipping box 6	1,823 mm x 315 mm x 192 mm	15445.00 g	110.26 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.

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.