PRODUCT DATASHEET
DP VAL 1200 20W 4000K IP65

DAMP PROOF VALUE | Damp-proof luminaires, classic shape



VALUE CLASS

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

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

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TECHNICAL DATA

Electrical data

Nominal wattage	20.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	110 mA
Inrush current	12 A
Inrush current time T_{h50}	110 µs
Max. number of luminaires per miniature circuit breaker B16	62
Max. number of luminaires per miniature circuit breaker C10	50
Max. number of luminaires per miniature circuit breaker C16	80
Power factor λ	≥0.90
Maximum total harmonic distortion	< 25 %
Protection class	I
Operating mode	Integrated LED driver

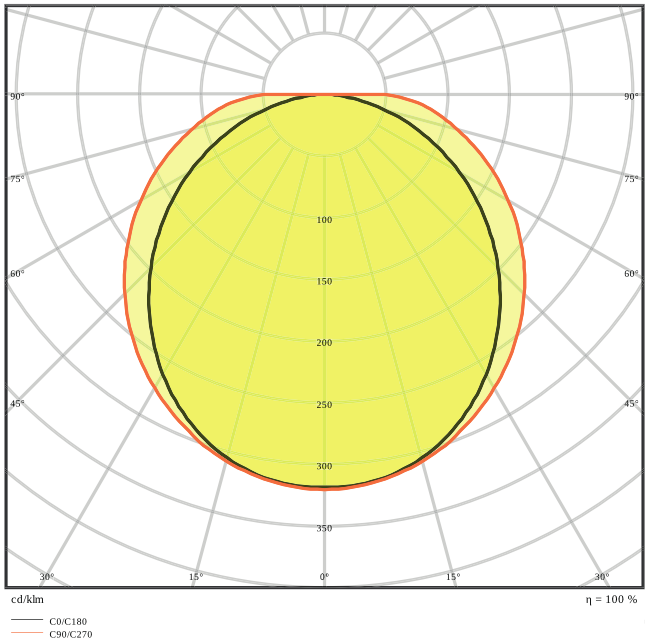
Photometrical data

Luminous flux	2400 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 sdcm
Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Beam angle	115 °

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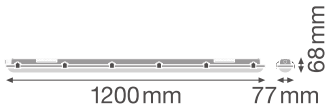
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Dimensions & Weight

Length	1200.00 mm
Width	77.00 mm
Height	68.00 mm
Product weight	1485.00 g



DP VAL 1200 IP65

Materials & Colors

Product color	Grey
Housing color	Grey
RAL Color (most similar)	RAL 7514
Body material	Polycarbonate (PC)
Cover material	Polycarbonate (PC)

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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 [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	180 mA

Certificates & Standards

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

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)

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Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	UI_DAMP PROOF VALUE
PDF	Legal information	LS Insert DP VAL IP65
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Declarations of conformity	CE DAMPPROOF Value 1.2 20W 840 4000K AC18149.
PDF	Declarations of conformity UKCA	DP VAL 1200 IP65

	Photometric and lighting design files	Document name
IES	IES file (IES)	DP VAL 1200 20W 4000K IP65
LDT	LDT file (Eulumdat)	DP VAL 1200 20W 4000K IP65
ULD	ULD file (DIALux)	DP VAL 1200 20W-4000K IP65
ROLF	ROLF file (RELUX)	DP VAL 1200 20W-4000K
	UGR file (UGR table)	DP VAL 1200 20W 4000K IP65
	Light distribution curve type cone	DP VAL 1200 20W 4000K IP65
	Light distribution curve type polar	DP VAL 1200 20W 4000K IP65

	CAD/BIM files	Document name
RFA	BIM Revit 3D	Damp Proof Value
STEP	CAD STEP 3D	DP VAL 1200

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	Tender texts	Document name
	Tender documents	DAMP PROOF VALUE 1200 20 W 4000 K IP65-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075300781	Folding box 1	70 mm x 1,208 mm x 83 mm	1561.00 g	7.02 dm^3
4058075300798	Shipping box 6	1,225 mm x 181 mm x 230 mm	10353.00 g	51.00 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

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