



product_datasheet_title

DP VAL 1200 20W 4000K IP65

DAMP PROOF VALUE | Damp-proof luminaires, classic shape



technical_data

ELECTRICAL DATA

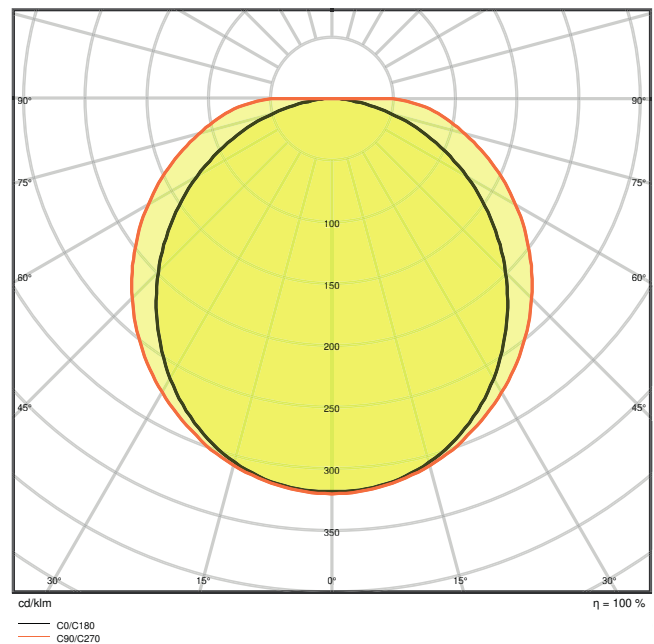
Nominal wattage	20.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	110 mA
Inrush current	12 A
Inrush current time T_{h50}	110 μ s
Max. number of luminaires per miniature circuit breaker B16	62
Max. number of luminaires per miniature circuit breaker C10	50
Max. number of luminaires per miniature circuit breaker C16	80
Power factor λ	≥ 0.90
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 sdc _m
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	1200.00 mm
Width	77.00 mm
Height	68.00 mm
Product weight	1485.00 g

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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 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
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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

download_data

Documents and certificates		document_name
	User instruction	UI_DAMP PROOF VALUE
	Addon Technical Information	LS Insert DP VAL IP65
	Declarations Of Conformity CE	CE DAMPPROOF Value 1.2 20W 840 4000K AC18149.
	Declarations Of Conformity UKCA	DP VAL 1200 IP65

Photometric and lighting design files		document_name
	IES file (IES)	DP VAL 1200 20W 4000K IP65
	LDT file (Eulumdat)	DP VAL 1200 20W 4000K IP65
	ULD file (DIALux)	DP VAL 1200 20W-4000K IP65
	ROLF file (RELUX)	DP VAL 1200 20W-4000K
	UGR file (UGR table)	DP VAL 1200 20W 4000K IP65
	LDC typ cone	DP VAL 1200 20W 4000K IP65
	LDC typ polar	DP VAL 1200 20W 4000K IP65
CAD/BIM files		document_name
	BIM_Revit_3D	Damp Proof Value
	CAD_STEP_3D	DP VAL 1200

logistical_data

product_code	packaging_unit	dimensions	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

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