PRODUCT DATASHEET
DP VAL 600 9W 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

VALUE CLASS

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°
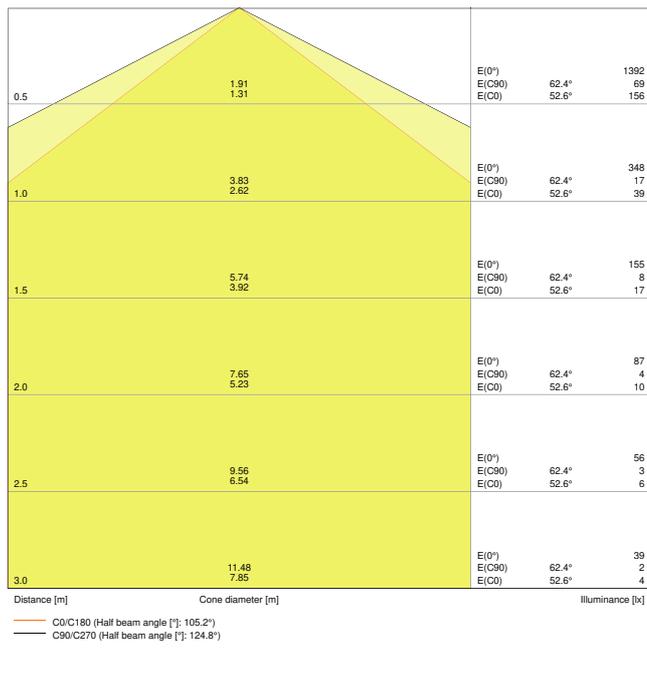– Through-wiring possible
– Polycarbonate housing
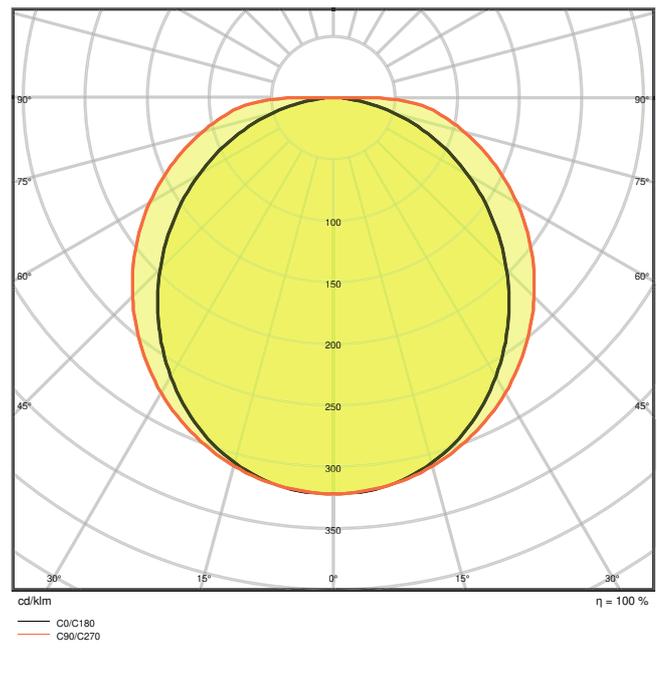
TECHNICAL DATA

Electrical data

Nominal wattage	9.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	50 mA
Inrush current	10 A
Inrush current time T_{h50}	130 μs
Max. number of luminaires per miniature circuit breaker B16	60
Max. number of luminaires per miniature circuit breaker C10	48
Max. number of luminaires per miniature circuit breaker C16	76
Power factor λ	≥0.90
Total harmonic distortion	< 25 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	1080 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 °

LDC typ cone

Distance [m]	Cone diameter [m]		Illuminance [lx]
0.5	1.91 1.31	E(0°) E(C90) 62.4° E(C0) 52.6°	1392 69 156
1.0	3.83 2.62	E(0°) E(C90) 62.4° E(C0) 52.6°	348 17 39
1.5	5.74 3.92	E(0°) E(C90) 62.4° E(C0) 52.6°	155 8 17
2.0	7.65 5.23	E(0°) E(C90) 62.4° E(C0) 52.6°	87 4 10
2.5	9.56 6.54	E(0°) E(C90) 62.4° E(C0) 52.6°	56 3 6
3.0	11.48 7.85	E(0°) E(C90) 62.4° E(C0) 52.6°	39 2 4

— C0/C180 (Half beam angle [°]: 105.2°)
— C90/C270 (Half beam angle [°]: 124.8°)

LDC typ polar

cd/klm

η = 100 %

— C0/C180
— C90/C270

Dimensions & Weight

Length	600.00 mm
Width	77.00 mm
Height	68.00 mm
Product weight	635.00 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 [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	110 mA

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
PDF	User instruction
PDF	Addon Technical Information
PDF	Declarations Of Conformity CE
PDF	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
4058075300705	Folding box 1	70 mm x 608 mm x 83 mm	819.00 g	3.53 dm³
4058075300712	Shipping box 6	625 mm x 181 mm x 230 mm	5568.00 g	26.02 dm³

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.