PRODUCT DATASHEET
DP VAL 1500 50W 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

– 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
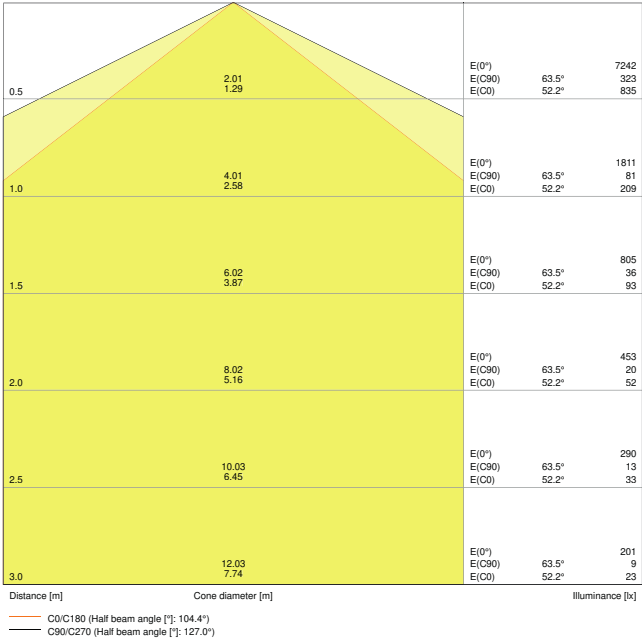– Polycarbonate housing

TECHNICAL DATA

Electrical data

Nominal wattage	5000 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	270 mA
Inrush current	15 A
Inrush current time T_{h50}	160 µs
Max. no. of lum. on circuit break. B16 A	27
Max. no. of lum. on circuit break. C10 A	23
Max. no. of lum. on circuit break. C16 A	37
Power factor λ	≥090
Total harmonic distortion	< 25 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

|	
Luminous flux	6000 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 °

Distance [m]	Cone diameter [m]			Illuminance [lx]
0.5	2.01 / 1.29	E(0°) / E(C90) 63.5° / E(C0) 52.2°		7242 / 323 / 835
1.0	4.01 / 2.58	E(0°) / E(C90) 63.5° / E(C0) 52.2°		1811 / 81 / 209
1.5	6.02 / 3.87	E(0°) / E(C90) 63.5° / E(C0) 52.2°		805 / 36 / 93
2.0	8.02 / 5.16	E(0°) / E(C90) 63.5° / E(C0) 52.2°		453 / 20 / 52
2.5	10.03 / 6.45	E(0°) / E(C90) 63.5° / E(C0) 52.2°		290 / 13 / 33
3.0	12.03 / 7.74	E(0°) / E(C90) 63.5° / E(C0) 52.2°		201 / 9 / 23

C0/C180 (Half beam angle [°]: 104.4°)
C90/C270 (Half beam angle [°]: 127.0°)

LDC typ cone

cd/klm

C0/C180
C90/C270

η = 100 %
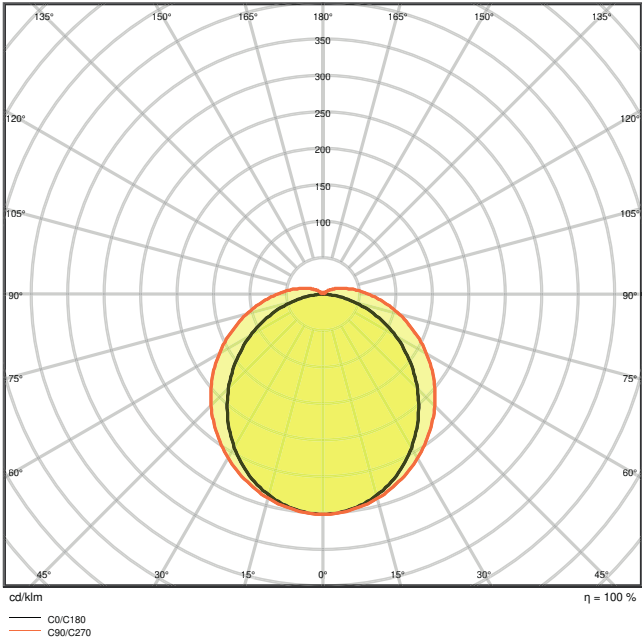
LDC typ polar

Dimensions & Weight

Length	1500.00 mm
Width	77.00 mm
Height	68.00 mm
Product weight	200000 g

66 mm
1500 mm
77 mm
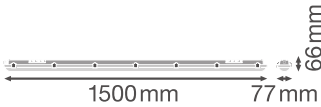
Materials & Colors

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
Number of switching cycles	100000

Control gear

Output current	390 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

Number of illuminants	-

EQUIPMENT / ACCESSORIES

– Stainless steel clamps with safety screws included
– Mounting accessories included (suspension kit, theft protection kit)

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	User instruction
PDF	Addon Technical Information
	Tender documents
PDF	Declarations Of Conformity CE
	IES file (IES)
	LDT file (Eulumdat)
	R3D file (Relux 3D Model)
	M3D file (3D Model)
	ULD file (DIALux)
	UGR file (UGR table)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075300903	Folding box 1	70 mm x 1,508 mm x 83 mm	2076.00 g	8.76 dm³
4058075300910	Shipping box 6	1,525 mm x 181 mm x 230 mm	13686.00 g	63.49 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.

ADDITIONAL CATALOG INFORMATION
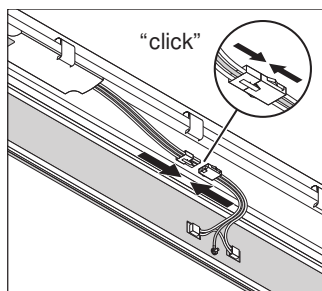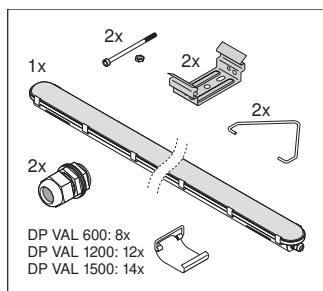
References / Links

‒ For Guarantee see www.ledvance.com/guarantee

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