

# PRODUCT DATASHEET

## DP VAL 1800 34W 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



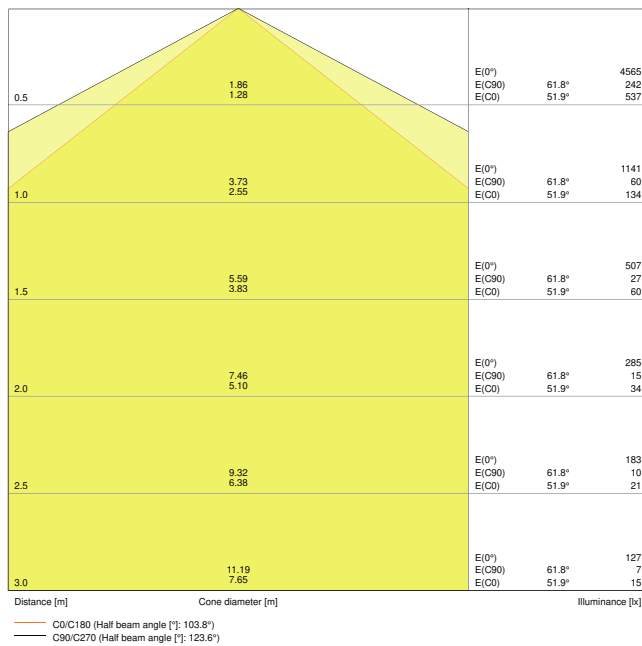
## TECHNICAL DATA

### Electrical data

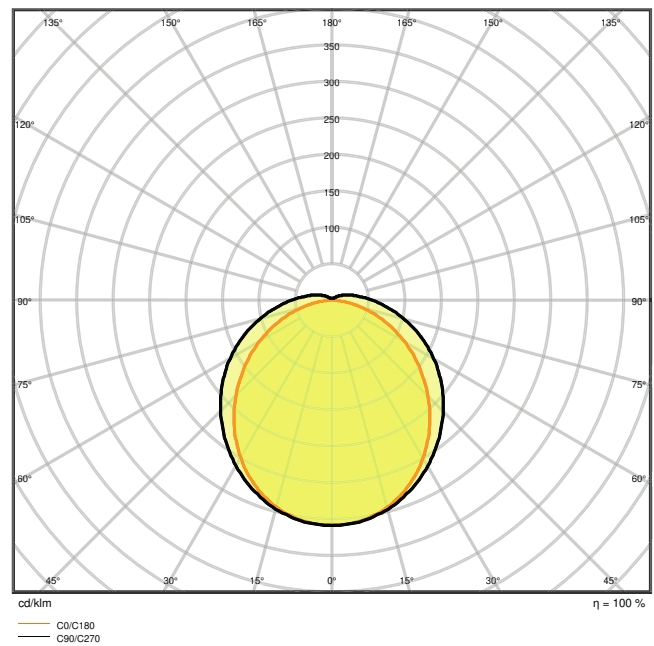
Nominal wattage	34.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	180 mA
Inrush current	10 A
Inrush current time $T_{h50}$	150 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	60
Max. number of luminaires per miniature circuit breaker C10	44
Max. number of luminaires per miniature circuit breaker C16	71
Power factor $\lambda$	$\geq 0.90$
Total harmonic distortion	< 25 %
Protection class	I
Operating mode	Integrated LED driver

### Photometrical data

Luminous flux	3700 lm
Luminous efficacy	110 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	< 5 sdc <sub>m</sub>
Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Beam angle	115 °



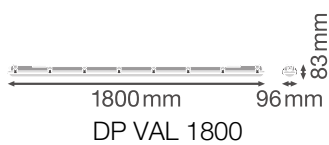
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### Dimensions & Weight

Length	1800.00 mm
Width	96.00 mm
Height	83.00 mm
Product weight	2230.00 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	30000 h <sup>1)</sup>
Number of switching cycles	100000

<sup>1)</sup> 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



### EQUIPMENT / ACCESSORIES


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

### DOWNLOAD DATA

Documents and certificates		Document name
	User Instruction	UI_DAMP PROOF VALUE
	Addon Technical Information	LS Insert DP VAL IP65
	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 34W4000K IP65
	LDT file (Eulumdat)	DP VAL 1800 34W4000K IP65
	ULD file (DIALux)	DP VAL 1800 34W-4000K
	ROLF file (RELUX)	DP VAL 1800 34W-4000K
	UGR file (UGR table)	DP VAL 1800 34W4000K IP65
	LDC typ cone	DP VAL 1800 34W4000K IP65
	LDC typ polar	DP VAL 1800 34W4000K IP65

CAD/BIM files		Document name
	BIM_Revit_3D	Damp Proof Value
	CAD_STEP_3D	DP VAL 1800

Tender texts		Document name
	Tender documents	DAMP PROOF VALUE 1800 34 W 4000 K IP65-EN

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075300941	Folding box 1	86 mm x 1,800 mm x 97 mm	2306.00 g	15.02 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075300958	Shipping box 6	1,823 mm x 315 mm x 192 mm	15445.00 g	110.26 dm <sup>3</sup>

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.

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### References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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