



LEDVANCE

# PRODUCT DATASHEET

## DP SLIM 1200 V 29W ML 840 IP65

DAMP PROOF SLIM | Damp-proof luminaire with slim housing

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### Areas of application

- Industrial and storage facilities
- Car parks and underpasses
- Garages
- Workshops, assembly lines



VALUE  
CLASS

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### Product benefits

- Uniform light distribution
- Energy savings of up to 65 % (compared to luminaires that use fluorescent lamps)
- Very slim housing
- Easy installation as mounting brackets can be positioned freely on the luminaire
- Tool-free electrical connection due to push button connector
- 5 years guarantee
- Easy access to electrical terminal thanks end caps with clip mechanism

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### Product features

- High luminous efficacy: up to 140 lm/W
- Lifetime (L80/B10): up to 50,000 h (at 25 °C)
- Housing and diffuser material: polycarbonate (PC)
- Multi Lumen function: lumen steps selectable
- Beam angle: 120°
- Type of protection: IP65



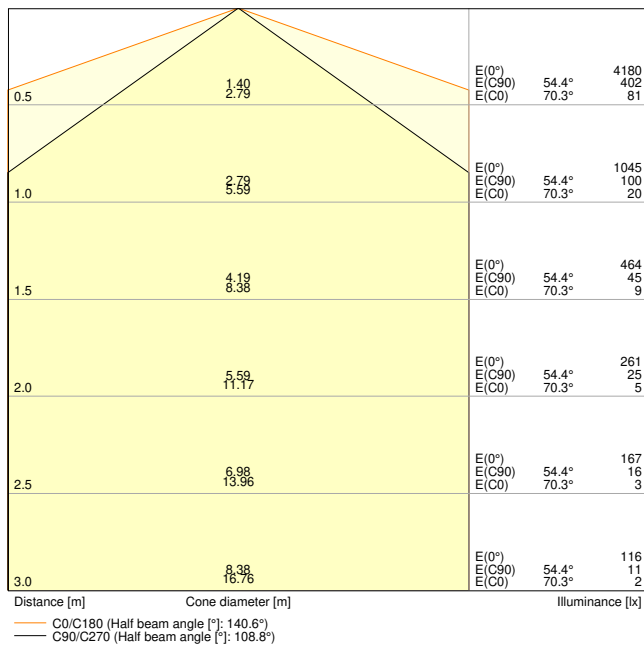
## TECHNICAL DATA

### Electrical data

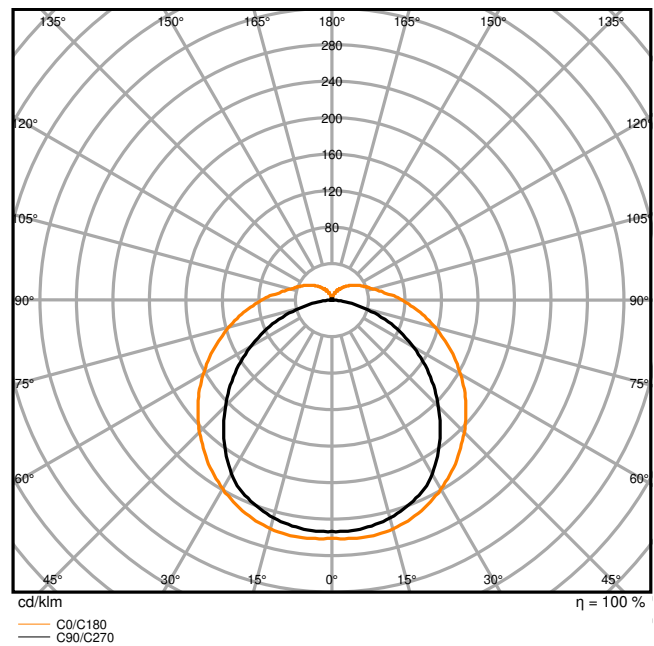
Nominal wattage	29 W / 19 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	125.000 mA
Inrush current	15.0 A
Inrush current time $T_{h50}$	138 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	40
Max. number of luminaires per miniature circuit breaker C10	32
Max. number of luminaires per miniature circuit breaker C16	51
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Surge capability (L-N)	1 kV
Operating mode	Integrated LED driver

### Photometrical data

Luminous flux	4000 lm / 2600 lm
Luminous efficacy	140 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>
Low flicker	Yes
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °



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Adjustable attributes

Nominal wattage	Color temperature	Luminous flux	Luminous efficacy
29 W	4000 K	4000 lm	140 lm/W
19 W	4000 K	2600 lm	140 lm/W

Dimensions & Weight

Length	1235.00 mm
Width	35.00 mm
Height	48.00 mm
Product weight	390.00 g



DP SLIM 1200 V 29W ML 840

Materials & Colors

Product color	White
Housing color	White
RAL Color (most similar)	RAL 9016
Body material	Polycarbonate (PC)
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

### Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+80 °C
Type of connection	Screwless terminal, 2-Pole
Type of protection	IP65
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling / Wall
Application environment	Indoor
Mounting height	0 m
Adjustable	No
With light source	Yes
Replaceable light source	No

### Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	50000 h <sup>1)</sup>
Lifespan L80/B50 at 25 °C	50000 h
Lifespan L90/B10 at 25 °C	46000 h
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	155 mA
ECG - Output ripple current	< 5 %

### Emergency lighting

Type of emergency operation test	None
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**Certificates & Standards**

Standards	CE / UKCA / EAC / CB / DEKRA / EPD
Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No
EPD	LEDV-00077-V01.01-EN
Replaceable light source (EPREL)	Not replaceable

**Additional product data**

Product remark	Available from March 2026 / When used in very cold applications as in cold storage, a special membrane might be required to ensure lifetime
Added function	MULTI SELECT







**EQUIPMENT / ACCESSORIES**


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

**Safety advice**

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

**DOWNLOAD DATA**


Documents and certificates		Document name
	User instruction / safety instructions	G11256029 DAMP PROOF SLIM IP65
	Legal information	Informationstext 18 Abs 4 ElektroG
	Legal information	Safety Insert G11218810
	Legal information	DP SLIM
	Legal information	G11258064 Light Source Insert
	Declarations of conformity	DAMP PROOF SLIM

Documents and certificates		Document name
	Declarations of conformity UKCA	DAMP PROOF SLIM

	EPD	EPD EN DAMP PROOF SLIM
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Photometric and lighting design files		Document name
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	IES file (IES)	DP SLIM 1200 V 29W ML 840 IP65
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	LDT file (Eulumdat)	DP SLIM 1200 V 29W ML 840 IP65
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	ULD file (DIALux)	DP SLIM 1200 V 29W ML 840 IP65
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	ROLF file (RELUX)	DP SLIM 1200 V 29W ML 840 IP65
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	UGR file (UGR table)	DP SLIM 1200 V 29W ML 840 IP65
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	Light distribution curve type cone	DP SLIM 1200 V 29W ML 840 IP65
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	Light distribution curve type polar	DP SLIM 1200 V 29W ML 840 IP65
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CAD/BIM files		Document name
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	BIM Revit 3D	Damp-Proof-Slim-G2
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	CAD STEP 3D	DP SLIM VAL G2 1200
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Tender texts		Document name
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	Tender documents	DAMP PROOF SLIM 1200 V 29W ML 840 IP65-en
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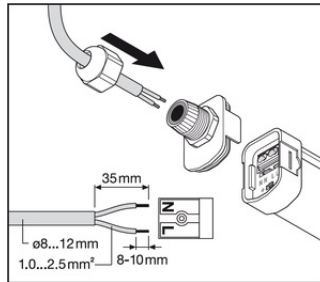
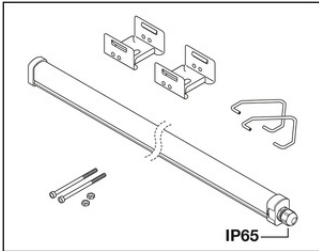
	Tender documents	DAMP PROOF SLIM 1200 V 29W ML 840 IP65-en
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## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854720253	Folding box 1	1,274 mm x 55 mm x 42 mm	484.00 g	2.94 dm <sup>3</sup>
4099854720260	Shipping box 20	1,293 mm x 235 mm x 240 mm	10491.00 g	72.93 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.

ADDITIONAL CATALOG INFORMATION



	W	lm	lm/W
DP SLIM 600 V 14W ML 840 IP65	9.3	1300	140
DP SLIM 600 V 14W ML 865 IP65	14.3	2000	140
DP SLIM 1200 V 29W ML 840 IP65	18.6	2600	140
DP SLIM 1200 V 29W ML 865 IP65	28.6	4000	140
DP SLIM 1500 V 39W ML 840 IP65	25.7	3600	140
DP SLIM 1500 V 39W ML 865 IP65	39.3	5500	140

References / Links

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

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.