

# PRODUCT DATASHEET

## PANEL D/I 1200 36 W 3000 K UGR19

PANEL DIRECT/INDIRECT 1200 UGR < 19 | Suspended edge-lit luminaires for direct and indirect light emission, low glare, 1200 mm



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### Areas of application

- Efficient replacement for traditional T8 and T5 luminaires
- Offices
- Meeting rooms
- Conference rooms
- Reception areas and foyers

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### Product benefits

- Suspended edge-lit luminaires for direct light emission (70%) and indirect light emission (30%)
- Attractive and functional design for office applications
- Good glare reduction (UGR  $\leq$  19)
- Very homogenous light
- Low maintenance and low operational costs
- External driver for extended flexibility
- Special light guide design for low-glare illumination
- Easy and quick installation
- Low flicker light thanks to special electronic control gear
- 5 years guarantee

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### Product features

- Rectangular (1200 mm x 300 mm) stand-alone luminaires with direct (70%) and indirect (30%) light emission
- Driver integrated into the remote driver box



- UGR  $\leq$  19 according to EN12464-1
- High luminous efficacy: up to 110 lm/W
- Lifetime (L70/B50): 80,000 h (at 25 °C)
- Follows the unified LEDVANCE design language (SCALE design)
- Very slim aluminum housing
- Luminaire versions with IoT-ready DALI-2 driver or IoT Zigbee 3.0 technology available

## TECHNICAL DATA

### Electrical data

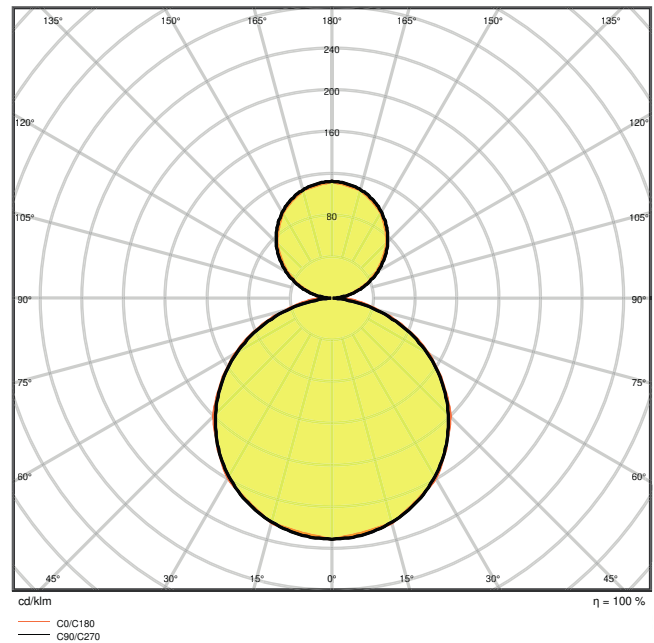
Nominal wattage	36.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	230.000 mA
Inrush current	16 A
Max. number of luminaires per miniature circuit breaker B16	47
Max. number of luminaires per miniature circuit breaker C10	34
Max. number of luminaires per miniature circuit breaker C16	55
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	External LED driver

### Photometrical data

Luminous flux	3800 lm
Luminous efficacy	105 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	4 sdc <sub>m</sub>
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Beam angle	110 °
UGR	< 19



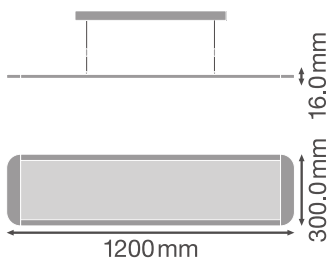
LDC typ cone



LDC typ polar

### Dimensions & Weight

Length	1200.00 mm
Width	300.00 mm
Height	16.00 mm
Product weight	4325.00 g



### Materials & Colors

Product color	White
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Housing color	White
Body material	Aluminum
Cover material	Polymethylmethacrylate (PMMA)
Light emitting surface material	Polystyrene
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

### Application & Mounting

Ambient temperature range	-20...+45 °C
Type of connection	Terminal
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Suspended
Mounting location	Ceiling
Application environment	Indoor
Mounting length	1175 mm
LED module replaceable	Not replaceable
With light source	Yes

### Lifespan

Lifespan L70/B50 at 25 °C	80000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	60000 h <sup>1)</sup>
Lifespan L90/B10 at 25 °C	50000 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

ECG - Output voltage	38 V
Output current	800 mA













### Certificates & Standards

Standards	CE / CB / ENEC / TÜV SÜD / EAC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

**EQUIPMENT / ACCESSORIES**

- Suspension kit included

**DOWNLOAD DATA**

Documents and certificates	
	User instruction
	Addon Technical Information
	Declarations Of Conformity CE
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
4058075144606	Folding box 1	75 mm x 1,265 mm x 455 mm	5030.00 g	43.17 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075144613	Shipping box 2	1,280 mm x 155 mm x 465 mm	12830.00 g	92.26 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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Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.