

# PRODUCT DATASHEET

## PANEL 4IN1 1200 32 W 3000 K

PANEL 4IN1 300 x 1200 | Rectangular 300x1200 surface panel luminaires



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### Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Offices, schools
- General indoor illumination
- Corridors, entrance areas
- Shop lighting

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### Product benefits

- Homogenous light distribution
- The product family offers full lighting solution for different applications
- Energy savings of up to 50 % compared to T5 batten luminaires
- Low flicker light thanks to special electronic control gear
- 5 years guarantee

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### Product features

- Available 600 x 600 and 300 x 1200
- Luminous flux 3600 lm
- Luminous efficacy: up to 112 lm/W
- Glow Wire Test according to IEC 60695-2-12: 650 °C
- Lifetime (L70/B50): 50,000 h (at 25 °C)

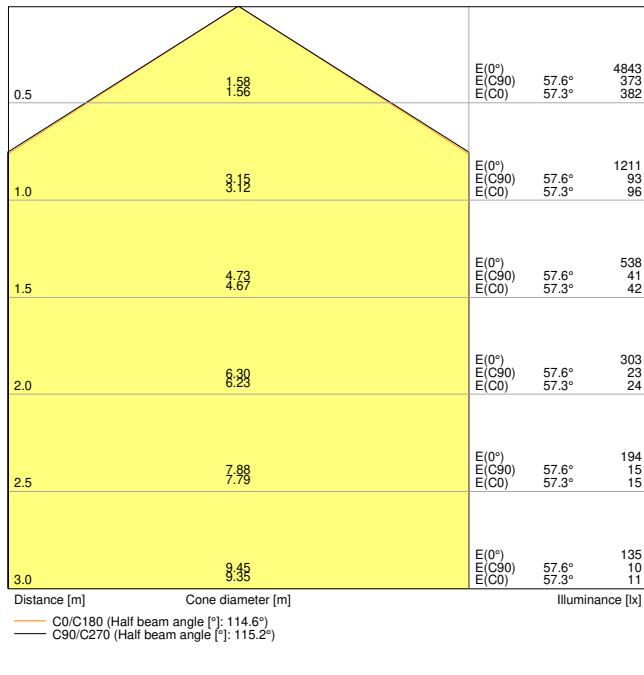
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**TECHNICAL DATA****Electrical data**

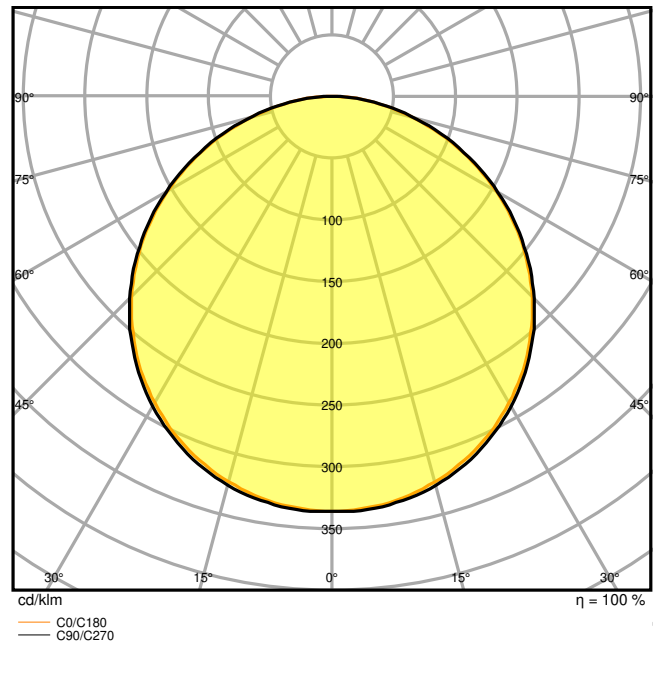
Nominal wattage	32.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	143.000 mA
Inrush current time $T_{h50}$	300 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	15
Max. number of luminaires per miniature circuit breaker C10	15
Max. number of luminaires per miniature circuit breaker C16	25
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 15 %
Protection class	I
Operating mode	Integrated LED driver

**Photometrical data**

Luminous flux	3600 lm
Luminous efficacy	112 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	5 sdc <sub>m</sub>
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	1
Stroboscope effect metric (SVM)	0.4
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °
UGR	< 25



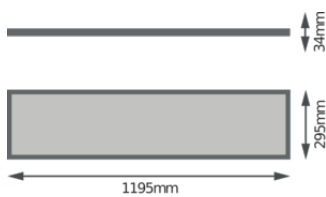
LDC typ cone



LDC typ polar

Dimensions & Weight

Length	1195.00 mm
Width	295.00 mm
Height	34.00 mm
Product weight	2600.00 g



Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum Steel
Cover material	Polystyrene (PS)
Glow Wire Test according to IEC 60695-2-12	650 °C

Mercury content	0.0 mg
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### Application & Mounting

Ambient temperature range	-10...+50 °C
Type of connection	Terminal, 3-Pole (L, N, PE)
Type of protection	IP20
Protection class IK (shock resistance)	IK02
Dimmable	No
Mounting type	Recessed/Suspended/Surface
Mounting location	Ceiling
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

### Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	44000 h <sup>1)</sup>
Lifespan L90/B10 at 25 °C	36000 h
Number of switching cycles	50000

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Certificates & Standards

Standards	CE / REACH / RoHS
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

### Additional product data

Number of illuminants	-
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### DOWNLOAD DATA

#### Documents and certificates



User instruction



Declarations Of Conformity CE

#### Photometric and lighting design files



IES file (IES)

**Photometric and lighting design files**



LDT file (Eulumdat)



UGR file (UGR table)



LDC typ cone



LDC typ polar

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075699663	Folding box 1	302 mm x 42 mm x 1,238 mm	2540.00 g	15.70 dm <sup>3</sup>
4058075699670	Shipping box 4	1,253 mm x 184 mm x 330 mm	11547.00 g	76.08 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.

**DISCLAIMER**

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