

# PRODUCT DATASHEET LN UO 1200 33 W 4000 K

LINEAR ULTRA OUTPUT GEN 1 | Surface luminaire with high luminous efficacy up to 125 lm/W



- Direct replacement for luminaires with fluorescent lamps
- Indoor applications
- Industrial and commercial halls
- Public areas
- Corridors, stairwells, basements





## Product benefits

- Replacement of conventional T8 luminaires with up to 7100 lm
- $-\,$  Energy savings up to 60 % (compared to luminaires that use fluorescent lamps)
- Robust structure with IK08
- 5 years guarantee

#### **Product features**

- Very high luminous efficacy: up to 125 lm/W
- Robust metal housing and PC diffuser
- Wiring at back side of luminaire
- Through wiring possible



# TECHNICAL DATA

# Electrical data

Nominal wattage	33.00 W	
Nominal voltage	220240 V	
Mains frequency	5060 Hz	
Nominal current	150 mA	
Inrush current	20 A	
Inrush current time T <sub>h50</sub>	100 µs	
Max. number of luminaires per miniature circuit breaker B16	41	
Max. number of luminaires per miniature circuit breaker C10	33	
Max. number of luminaires per miniature circuit breaker C16	53	
Power factor $\lambda$	> 0.90	
Total harmonic distortion	≤ 20 %	
Protection class		
Operating mode	Integrated LED driver	

# Photometrical data

Luminous flux	4000 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
Photobiological safety group acc. to EN62778	RG0
Beam angle	110 °

# Dimensions & Weight

Length	1168.00 mm
Width	62.00 mm
Height	74.00 mm
Product weight	1260.00 g



## Materials & Colors

Product color	White	
Housing color	White	
Body material	Steel	
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	-10+40 °C	
Type of connection	Screwless terminal	
Type of protection	IP20	
Protection class IK (shock resistance)	IK08	
Dimmable	No	
Mounting type	Surface	
Mounting location	Ceiling / Wall	
Application environment	Indoor	
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	40000 h <sup>1)</sup>
Lifespan L80/B50 at 25 °C	40000 h
Lifespan L90/B10 at 25 °C	30000 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 / CB / ENEC / TÜV SÜD / EAC	
Luminaire with limited surface temperature, "D sign"	No	
Ball shot safe	No	
Replaceable light source (EPREL)	Not replaceable	

## **EQUIPMENT / ACCESSORIES**

- Mounting screws and dowels included

# Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

## DOWNLOAD DATA

	Documents and certificates	Document name	
PDF	User instruction / safety instructions	LINEAR ULTRA OUTPUT	
PDF	On-Pack-Info	Legal Insert Linear LED UO	
PDF	Legal information	LINEAR ULTRA OUTPUT 1200	
PDF	Legal information	LS Insert Linear Ultra Output	
PDF	Legal information	Informationstext 18 Abs 4 ElektroG	
PDF	Declarations of conformity	LN UO	
PDF	Declarations of conformity UKCA	LN UO 1200	
	Photometric and lighting design files	Document name	
ES	IES file (IES)	LINEAR UO 1200 33W 4000K IES	

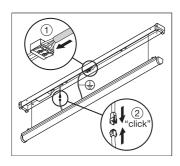
Photometric and lighting design file	es Document name	
LDT file (Eulumdat)	LINEAR UO 1200 33W 4000K LDT	
ULD file (DIALux)	LINEARULTRAOUTPUT120033W4000K	
ROLF file (RELUX)	LN UO 1200 33W-4000K	
UGR file (UGR table)	LINEAR UO 1200 33W 4000K LDT	
CAD/BIM files	Document name	
BIM Revit 3D	Linear Ultra Output	
CAD STEP 3D	LN UO 1200	
Tender texts	Document name	
Tender documents	LINEAR ULTRA OUTPUT 1200 33 W 4000 K-EN	

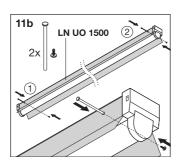
# LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075122161	Folding box 1	69 mm x 1,174 mm x 77 mm	1345.00 g	6.24 dm <sup>3</sup>
4058075122178	Shipping box	1,184 mm x 225 mm x 170 mm	8725.00 g	45.29 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





# References / Links

- For Guarantee see www.ledvance.com/guarantee

## **DISCLAIMER**

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