

PRODUCT DATASHEET

LN UO 1200 25 W 3000 K

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

Areas of application

- 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	25.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	115 mA
Inrush current	20 A
Inrush current time T_{h50}	100 μ s
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 λ	> 0.90
Total harmonic distortion	\leq 20 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	2850 lm
Luminous efficacy	115 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	\geq 80
Standard deviation of color matching	\leq 5 sdc _m
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
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	50000 h ¹⁾
Lifespan L80/B10 at 25 °C	40000 h ¹⁾
Lifespan L90/B10 at 25 °C	30000 h
Number of switching cycles	50000

¹⁾ 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





Additional product data




Number of illuminants	-
-----------------------	---


EQUIPMENT / ACCESSORIES

- Mounting screws and dowels included

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction	LINEAR ULTRA OUTPUT
	Addon Technical Information	LS Insert Linear Ultra Output
	Packaging insert	LINEAR ULTRA OUTPUT 1200
	Declarations Of Conformity CE	LN UO

Photometric and lighting design files		Document name
	IES file (IES)	LINEAR UO 1200 25W 3000K IES
	LDT file (Eulumdat)	LINEAR UO 1200 25W 3000K LDT
	UGR file (UGR table)	LINEAR UO 1200 25W 3000K LDT

Tender texts	Document name
 Tender documents	LINEAR ULTRA OUTPUT 1200 25 W 3000 K-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
--------------	------------------------------	--------------------------------------	--------------	--------

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075479937	Folding box 1	69 mm x 1,174 mm x 77 mm	1345.00 g	6.24 dm ³
4058075479944	Shipping box 6	1,184 mm x 225 mm x 170 mm	9450.00 g	45.29 dm ³

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.

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.