LEDVANCE

PRODUCT DATASHEET
LN UO 1200 25 W 4000 K

LINEAR ULTRA OUTPUT | Surface luminaire with high luminous flux

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 diffusor
– 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 µs
Max. no. of lum. on circuit break. B16 A	41
Max. no. of lum. on circuit break. C10 A	33
Max. no. of lum. on circuit break. C16 A	53
Power factor λ	> 0.90
Total harmonic distortion	≤ 20 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	2950 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

74 mm
1200 mm   62 mm
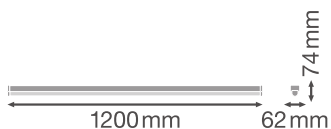
Materials & Colors

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

EQUIPMENT / ACCESSORIES

– Mounting screws and dowels included

DOWNLOAD DATA

	Documents and certificates
PDF	User instruction
PDF	Addon Technical Information
PDF	Packaging insert
PDF	Declarations Of Conformity CE
PDF	Declarations Of Conformity UKCA

	Photometric and lighting design files
	IES file (IES)
	LDT file (Eulumdat)
	ULD file (DIALux)
	ROLF file (RELUX)
	UGR file (UGR table)

	Tender texts
	Tender documents

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075479951	Folding box 1	69 mm x 1,174 mm x 77 mm	1345.00 g	6.24 dm³
4058075479968	Shipping box 6	1,184 mm x 225 mm x 170 mm	9320.00 g	45.29 dm³

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.