

# PRODUCT DATASHEET LN UO 1500 60 W 3000 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	60.00 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Nominal current	300 mA
Inrush current	50 A
Inrush current time T <sub>h50</sub>	100 μs
Max. number of luminaires per miniature circuit breaker B16	17
Max. number of luminaires per miniature circuit breaker C10	13
Max. number of luminaires per miniature circuit breaker C16	22
Power factor $\lambda$	> 0.90
Total harmonic distortion	≤ 15 %
Protection class	I
Operating mode	Integrated LED driver

# Photometrical data

Luminous flux	6600 lm
Luminous efficacy	110 lm/W
Color temperature	3000 K
Light color (designation)	Warm 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	1458.00 mm
Width	62.00 mm
Height	74.00 mm
Product weight	1850.00 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	650 °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	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)

#### 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

# Additional product data

Number of illuminants	-

#### **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	LS Insert Linear Ultra Output	
PDF	Declarations of conformity	Declaration of conformity LN UO 1200 1500 LEDV	
	Photometric and lighting design files	Document name	
	IES file (IES)	LN UO 1500 60W 3000K	
	LDT file (Eulumdat)	LN UO 1500 60W 3000K	
	ULD file (DIALux)	LINEARULTRAOUTPUT150060W3000K	

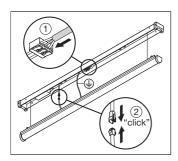
Photometric and lighting desig	n files Document name
UGR file (UGR table)	LN UO 1500 60W 3000K
CAD/BIM files	Document name
BIM Revit 3D	Linear Ultra Output
CAD STEP 3D	LN UO 1500
Tender texts	Document name
Tender documents	LINEAR ULTRA OUTPUT 1500 60 W 3000 K-EN

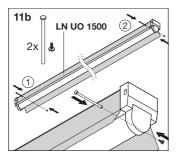
#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075122260	Folding box 1	69 mm x 1,464 mm x 77 mm	1950.00 g	7.78 dm <sup>3</sup>
4058075122277	Shipping box 6	1,474 mm x 225 mm x 170 mm	13360.00 g	56.38 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.