

# PRODUCT DATASHEET

## LN INDV D 1500 48W 4000 K

**LINEAR IndiviLED DIRECT DALI | Surface mounted luminaire for single luminaire or light line application with DALI-2 IoT technology**



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### AREAS OF APPLICATION

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

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### PRODUCT BENEFITS

- Suitable luminaire for VIVARES and other DALI-2 Light Management Systems
- Homogenous light distribution and reduced glare thanks to the IndiviLED optics
- Multiple mounting options
- The product family offers full lighting solution for different applications
- Energy savings of up to 50 % compared to T5 batten luminaires
- Further variants with DALI ECG, sensor, emergency lighting function according to IEC 60598-2-22 or through wiring additionally available
- Robust structure with IK06
- Low flicker light thanks to special electronic control gear
- 5 years guarantee

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### PRODUCT FEATURES

- IoT-ready luminaire with DALI-2 technology
- Each LED with individual lens and reflector for UGR<16 and homogenous light distribution



- Pendant mounting with suspension kit
- Linkable to an esthetic seamless light line with line connection adapter (surface or pendant mounting)
- Available with length of 1200 or 1500 mm
- Luminous flux up to 5700 lm
- Luminous efficacy: up to 125 lm/W
- Initial color consistency: < 4 SDCM
- Glow Wire Test according to IEC 60695-2-12: 850 °C
- Versions available with CRI 90

## TECHNICAL DATA

### Electrical data

Nominal wattage	48.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Mains frequency	0/50/60 Hz
Power factor $\lambda$	>0.90
Max. no. of lum. on circuit break. B16 A	20
Max. no. of lum. on circuit break. C10 A	7
Max. no. of lum. on circuit break. C16 A	12
Inrush current	21 A
Total harmonic distortion	< 15 %
Inrush current time $T_{h50}$	230 $\mu$ s

### Luminaire control gear data

ECG - Life time	100000 h
Low flicker	Yes

### Photometrical data

Color temperature	4000 K
Color rendering index Ra	>80
Light color (designation)	Warm White
Luminous flux	5700 lm
Luminous efficacy	120 lm/W
Standard deviation of color matching	3 sdcM

### Light technical data

Beam angle	70 °
UGR lateral	<16
UGR longitudinal	<16

Dimensions & weight



<b>Length</b>	1488 mm
<b>Width</b>	120.0 mm
<b>Height</b>	40.0 mm
<b>Product weight</b>	3200.00 g

Colors & materials

<b>Product color</b>	White
<b>Housing color</b>	White
<b>Body material</b>	Aluminum
<b>Cover material</b>	Aluminium

Temperatures & operating conditions

<b>Ambient temperature range</b>	-25...+50 °C
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Lifespan

<b>Number of switching cycles</b>	100000
<b>Lifespan L70/B50 at 25 °C</b>	60000 h
<b>Lifespan L80/B10 at 25 °C</b>	50000 h
<b>Lifespan L90/B10 at 25 °C</b>	35000 h

Additional product data

<b>Mounting type</b>	Suspended/Surface
<b>Mounting location</b>	Ceiling
<b>Low flicker</b>	Yes
<b>Product remark</b>	Available from September 2020

Capabilities

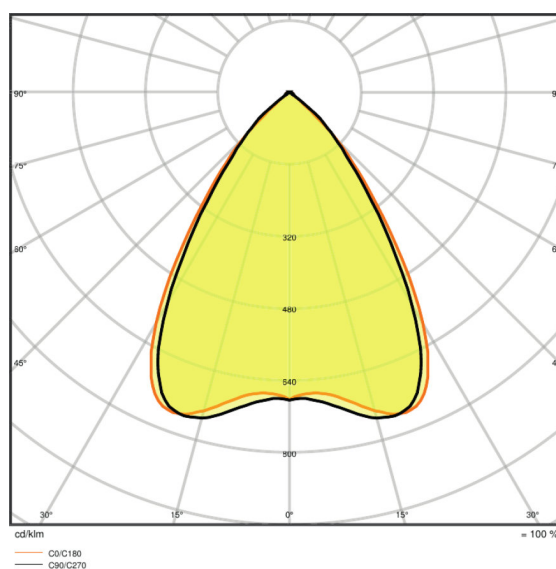
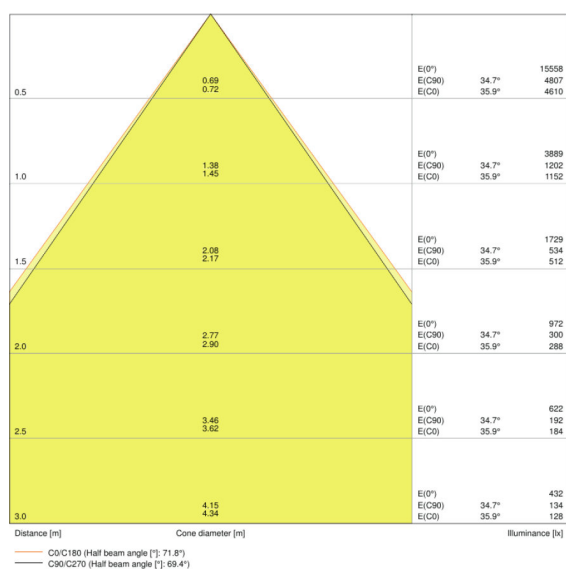
<b>Dimmable</b>	Yes
<b>Type of connection</b>	Screwless terminal, 5-Pole

<b>LED module replaceable</b>	Not replaceable
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Certificates & standards

<b>Type of protection</b>	IP20
<b>Protection class</b>	I
<b>Protection class IK (shock resistance)</b>	IK06
<b>Glow Wire Test according to IEC 60695-2-12</b>	650 °C
<b>Photobiological safety group EN62778</b>	RG1
<b>Standards</b>	CE/CB/ENEC/TÜV SÜD/EAC/RoHS

Light Distribution



LDC typ cone

LDC typ polar

EQUIPMENT / ACCESSORIES

- Ceiling connection box available
- Suspension kit available
- Line connection adapter available
- Through-wiring cable kit available

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075504004	Folding carton box 1	132 mm x 1624 mm x 52 mm	3542.00 g	11.15 dm <sup>3</sup>

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4058075504011	Shipping carton box 4	1641 mm x 207 mm x 169 mm	15298.00 g	57.41 dm <sup>3</sup>
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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.

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#### REFERENCES / LINKS

For Guarantee see

▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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