

PRODUCT DATASHEET

LN INDV D DALI 1500 48W 3000 K

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



AREAS OF APPLICATION

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

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

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 λ	>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 μ s

Luminaire control gear data

ECG - Life time	100000 h
Low flicker	Yes

Photometrical data

Color temperature	3000 K
Color rendering index Ra	>80
Light color (designation)	Cool White
Luminous flux	5300 lm
Luminous efficacy	110 lm/W
Standard deviation of color matching	3 sdcM

Light technical data

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

Dimensions & weight



Length	1488 mm
Width	120.0 mm
Height	40.0 mm
Product weight	3200.00 g

Colors & materials

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Aluminium

Temperatures & operating conditions

Ambient temperature range	-25...+50 °C
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Lifespan

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

Additional product data

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

Capabilities

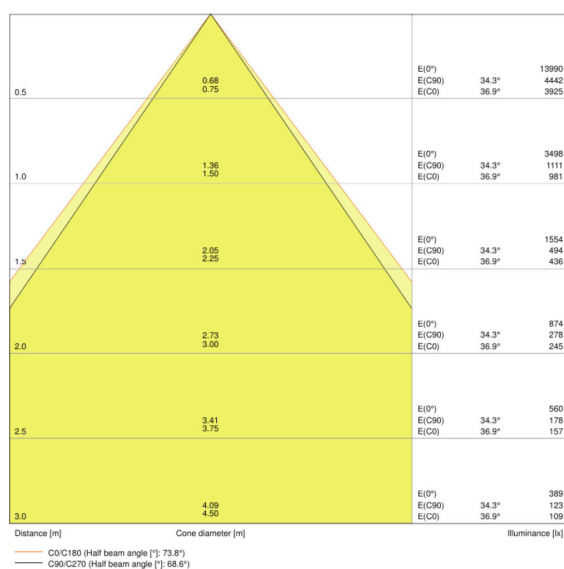
Dimmable	Yes
Type of connection	Screwless terminal, 5-Pole

LED module replaceable	Not replaceable
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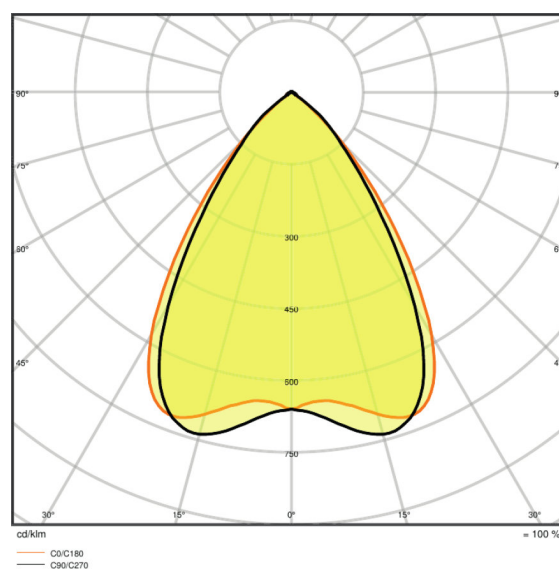
Certificates & standards

Type of protection	IP20
Protection class	I
Protection class IK (shock resistance)	IK06
Glow Wire Test according to IEC 60695-2-12	650 °C
Photobiological safety group EN62778	RG1
Standards	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
4058075503984	Folding carton box 1	132 mm x 1624 mm x 52 mm	3542.00 g	11.15 dm ³

4058075503991	Shipping carton box 4	1641 mm x 207 mm x 169 mm	15298.00 g	57.41 dm ³
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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.

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.