PRODUCT DATASHEET
LN INDV D 1500 25 W 4000 K

LINEAR IndiviLED® DIRECT GEN 1 | Surface mounted luminaire for single luminaire or light line application

GERMAN DESIGN AWARD NOMINEE 2019



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

- 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 additionally available with DALI ECG, emergency lighting function according to IEC 60598-2-22 or through wiring
- Robust structure with IK06
- Low flicker light thanks to special electronic control gear
- 5 years guarantee

Product features

- Each LED with individual lens and reflector for UGR < 16 and homogenous light distribution
- Pendant mounting with suspension kit

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- Linkable into 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: 3 SDCM
- Glow Wire Test according to IEC 60695-2-12: 850 °C
- Versions available with CRI 90
- Luminaire versions with IoT-ready DALI-2 driver or IoT Zigbee 3.0 technology available
- Lifetime (L70/B50): 60,000 h (at 25 °C)

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TECHNICAL DATA

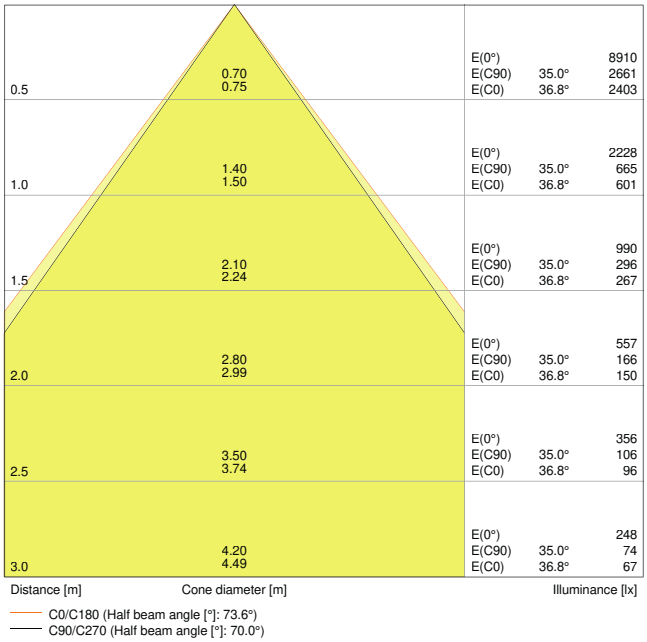
Electrical data

Nominal wattage	25.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	140 mA
Inrush current	20 A
Inrush current time T_{h50}	100 µs
Max. number of luminaires per miniature circuit breaker B16	37
Max. number of luminaires per miniature circuit breaker C10	30
Max. number of luminaires per miniature circuit breaker C16	48
Power factor λ	> 0.90
Total harmonic distortion	≤ 18 %
Protection class	I
Operating mode	Integrated LED driver

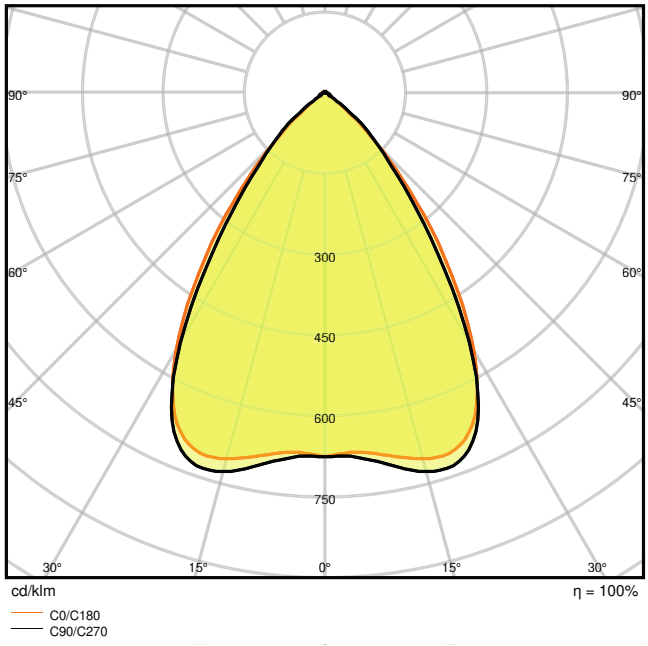
Photometrical data

Luminous flux	3300 lm
Luminous efficacy	125 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Standard deviation of color matching	3 sdcm
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG0
Beam angle	70 °
UGR	< 16

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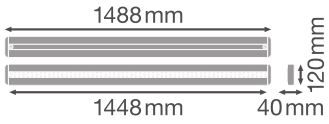
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Dimensions & Weight

Length	1488.00 mm
Width	120.00 mm
Height	40.00 mm
Product weight	2900.00 g



Materials & Colors

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

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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	-20...+45 °C
Type of connection	Screwless terminal
Type of protection	IP20
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Suspended/Surface
Mounting location	Ceiling
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	60000 h [1)]
Lifespan L80/B10 at 25 °C	50000 h [1)]
Lifespan L90/B10 at 25 °C	35000 h
Number of switching cycles	100000

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 / TÜV SÜD / EAC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA

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	Documents and certificates
PDF	User instruction
PDF	Addon Technical Information
PDF	On-Pack-Info
PDF	Declarations Of Conformity CE

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

	CAD/BIM files
	CAD_STEP_3D

	Tender texts
	Tender documents

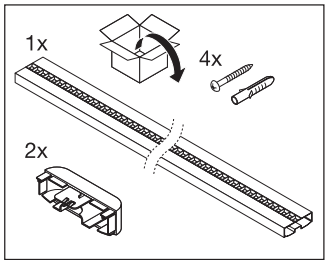
LOGISTICAL DATA

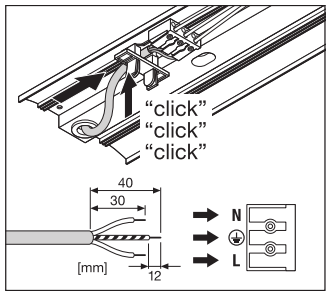
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075109667	Folding box 1	132 mm x 1,624 mm x 52 mm	3342.00 g	11.15 dm^3
4058075109674	Shipping box 4	1,641 mm x 207 mm x 169 mm	14098.00 g	57.41 dm^3

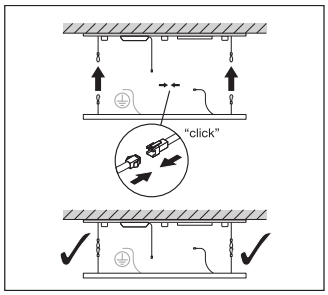
The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

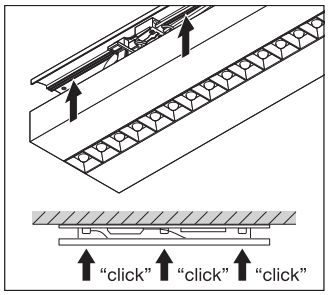
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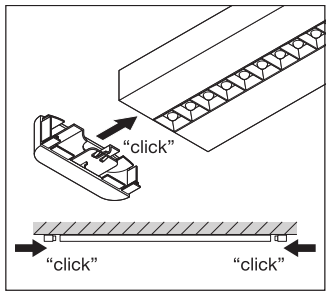
ADDITIONAL CATALOG INFORMATION











References / Links

- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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