PRODUCT DATASHEET
LN INDV D/I 1500 56 W 4000 K

LINEAR IndiviLED® DIRECT/INDIRECT GEN 1 | Pendant luminaire for single luminaire or light line application

GERMAN DESIGN AWARD NOMINEE 2019



PERFOR-MANCE CLASS

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
- Increased light comfort thanks to direct and indirect light emission
- The product family offers full lighting solution for different applications
- Energy savings of up to 50 % compared to T5 batten luminaires
- Robust structure with IK06
- Versions with DALI ECG available
- 5 years guarantee

Product features

- Each LED with individual lens and reflector for UGR < 16 and homogenous light distribution
- Indirect lighting with 850 lm
- Pendant mounting with suspension kit
- Linkable into seamless light line with line connection adapter (surface or pendant mounting)
- Available with length of 1200 or 1500 mm

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- Luminous flux up to 6550 lm
- Luminous efficacy: up to 120 lm/W
- Initial color consistency: 3 SDCM
- Glow Wire Test according to IEC 60695-2-12: 850 °C
- Lifetime (L70/B50): 60,000 h (at 25 °C)

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TECHNICAL DATA

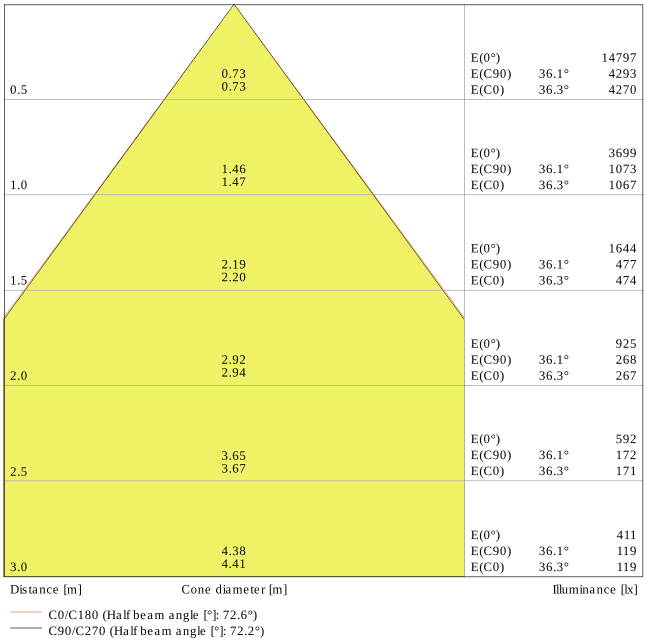
Electrical data

Nominal wattage	56.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	320 mA
Inrush current	20 A
Inrush current time T_{h50}	200 µs
Max. number of luminaires per miniature circuit breaker B16	16
Max. number of luminaires per miniature circuit breaker C10	13
Max. number of luminaires per miniature circuit breaker C16	24
Power factor λ	> 0.90
Maximum total harmonic distortion	≤ 18 %
Protection class	I
Operating mode	Integrated LED driver

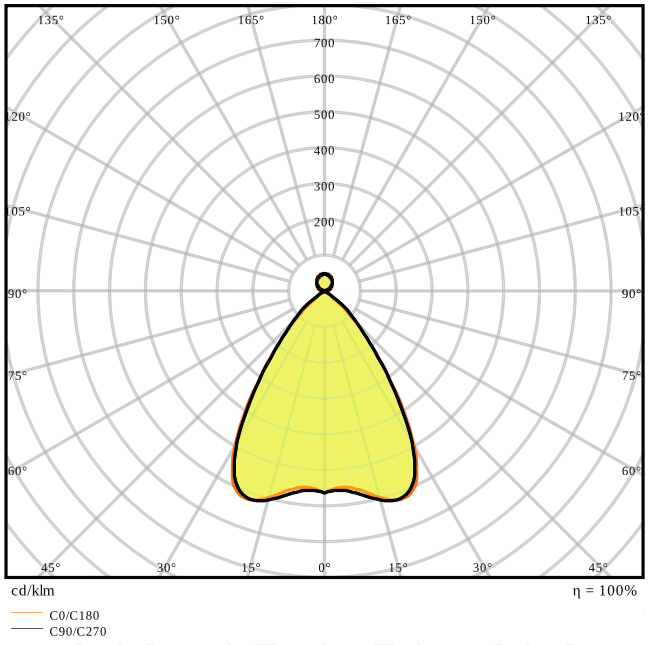
Photometrical data

Luminous flux	6550 lm
Luminous efficacy	115 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Standard deviation of color matching	3 sdcm
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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LN INDV DI 1500 56W 4000K



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Dimensions & Weight

Length	1488.00 mm
Width	120.00 mm
Height	40.00 mm
Product weight	3200.00 g

Materials & Colors

Product color	White
Housing color	White
RAL Color (most similar)	RAL 9003
Body material	Aluminum
Cover material	Aluminum
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

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Type of protection	IP20
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Suspended
Mounting location	Ceiling
Application environment	Indoor
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	60000 h [1)]
Lifespan L80/B10 at 25 °C	50000 h [1)]
Lifespan L80/B50 at 25 °C	50000 h
Lifespan L90/B10 at 25 °C	35000 h [1)]
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

Safety advice

- All electrical connections must be made by a qualified person.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by a qualified person in order to avoid a hazard.
- 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	UI_Linear_IndiviLED

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	Documents and certificates	Document name
PDF	On-Pack-Info	Legal Insert Linear LED INDV D/I
PDF	Legal information	LSI LINEAR IndiviLED
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Declarations of conformity	CE LN IndiviLED

	Photometric and lighting design files	Document name
IES	IES file (IES)	LN INDV DI 1500 56W 4000K
LDT	LDT file (Eulumdat)	LN INDV DI 1500 56W 4000K
ULD	ULD file (DIALux)	LINEARIndiviLEDDIRECTINDIRECT150056W4000K
ROLF	ROLF file (RELUX)	LN INDV D-I 1500
	UGR file (UGR table)	LN INDV DI 1500 56W 4000K
	Light distribution curve type cone	LN INDV DI 1500 56W 4000K
	Light distribution curve type polar	LN INDV DI 1500 56W 4000K

	CAD/BIM files	Document name
RFA	BIM Revit 3D	Linear IndiviLED G1
STEP	CAD STEP 3D	LN INDV D I 1500

	Tender texts	Document name
TXT	Tender documents	LINEAR IndiviLED DIRECTINDIRECT 1500 56 W 4000 K-EN

LOGISTICAL DATA

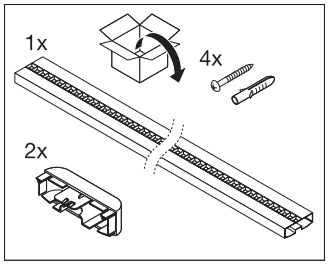
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075110441	Folding box 1	132 mm x 1,624 mm x 52 mm	3342.00 g	11.15 dm^3

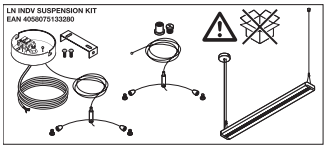
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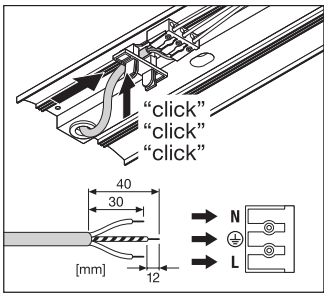
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075110458	Shipping box 4	1,641 mm x 207 mm x 169 mm	15298.00 g	57.41 dm^3

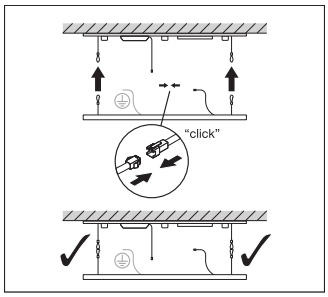
The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

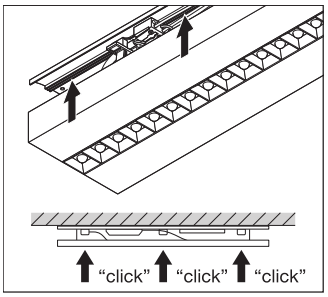
ADDITIONAL CATALOG INFORMATION

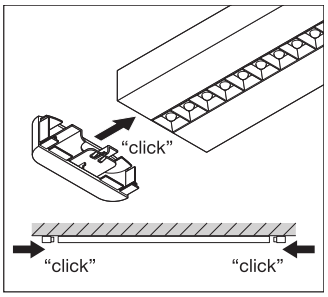












References / Links

– 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.

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