

PRODUCT DATASHEET

LN INDV D/I 1200 42 W 3000 K TH

LINEAR IndiviLED® DIRECT/INDIRECT THROUGH-WIRED | Pendant luminaire for single luminaire or light line application for through wiring



PERFORMANCE
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
- Convenient installation of light lines due to pre-assembled through wiring kit
- Increased light comfort thanks to direct and indirect light emission
- Low flicker light thanks to special electronic control gear
- Energy savings of up to 50 % compared to T5 batten luminaires
- Robust structure with IK06
- 5 years guarantee

Product features

- Each LED with individual lens and reflector for UGR < 16 and homogenous light distribution



- Pre-assembled through wiring kit
- Additional module for indirect lighting with 850 lm
- 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 6550 lm
- Luminous efficacy: up to 120 lm/W
- Initial color consistency: < 4 SDCM
- Glow Wire Test according to IEC 60695-2-12: 850 °C

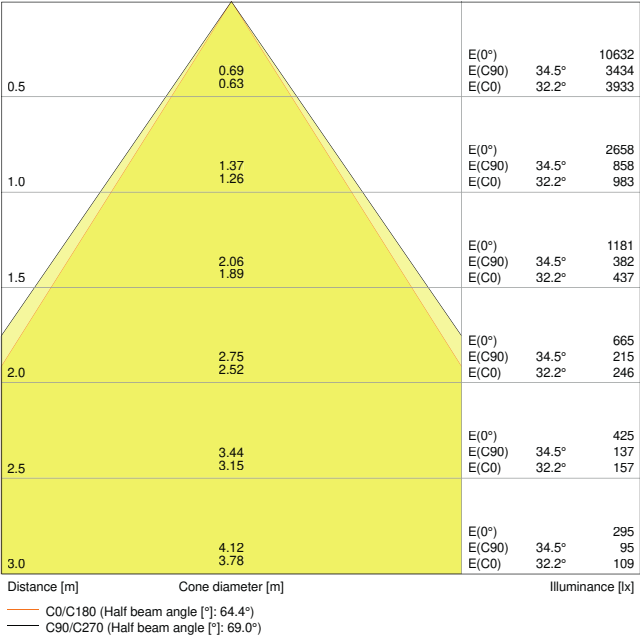
TECHNICAL DATA

Electrical data

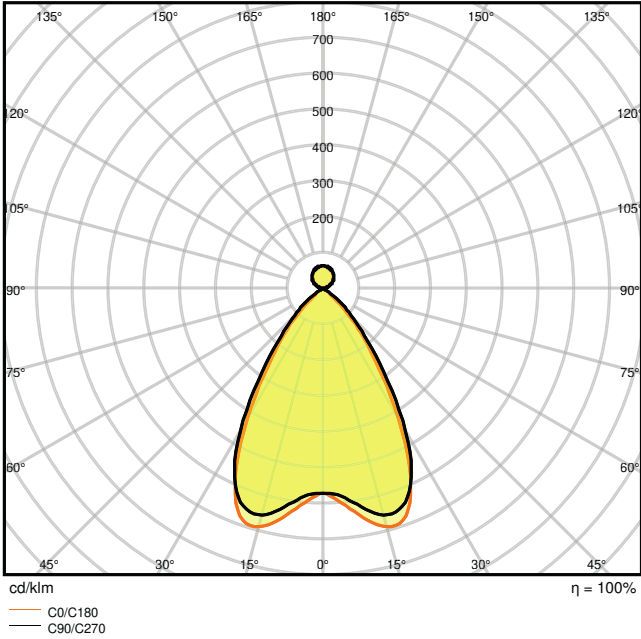
Nominal wattage	42.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	230 mA
Inrush current	30 A
Inrush current time T_{h50}	100 μ s
Max. number of luminaires per miniature circuit breaker B16	25
Max. number of luminaires per miniature circuit breaker C10	20
Max. number of luminaires per miniature circuit breaker C16	32
Power factor λ	> 0.90
Total harmonic distortion	$\leq$ 18 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	4650 lm
Luminous efficacy	110 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	$\geq$ 80
Standard deviation of color matching	3 sdcm
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG0
Beam angle	70 °
UGR	< 16



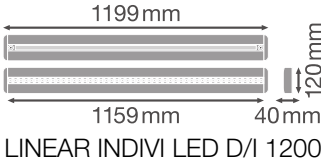
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Dimensions & Weight

Length	1199.00 mm
Width	120.00 mm
Height	40.00 mm
Product weight	2800.00 g



Materials & Colors

Product color	White
Housing color	White
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
Type of protection	IP20
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Suspended
Mounting location	Ceiling
Application environment	Indoor
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
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 / RoHS
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA

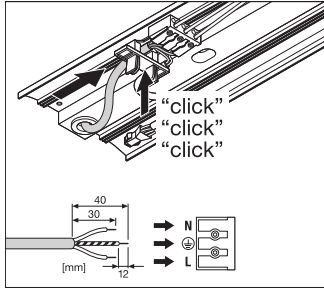
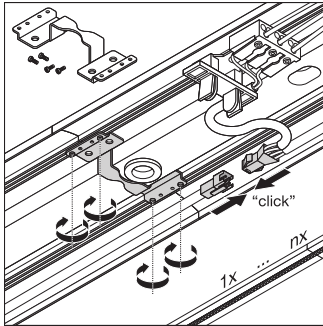
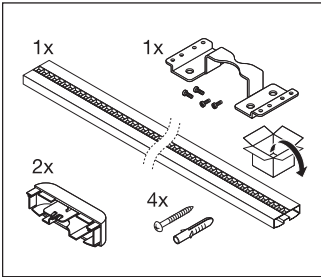
Documents and certificates		Document name
	User instruction / safety instructions	User Instruction Linear IndiviLED TH
	On-Pack-Info	Legal Insert Linear LED INDV D/I
	Declarations of conformity	EU Declaration of Conformity Linear IndiviLED trough wiring LEDVANCE
Photometric and lighting design files		Document name
	IES file (IES)	LN INDV DI 1200 42W 3000K TH
	LDT file (Eulumdat)	LN INDV DI 1200 42W 3000K TH
	ULD file (DIALux)	LINEARIndiviLEDDIRECTINDIRECTTHROUGH-WIRED120042W3000KTH
	UGR file (UGR table)	LN INDV DI 1200 42W 3000K TH
	Light distribution curve type cone	LN INDV DI 1200 42W 3000K TH
	Light distribution curve type polar	LN INDV DI 1200 42W 3000K TH

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075109209	Folding box 1	132 mm x 1,334 mm x 52 mm	2993.00 g	9.16 dm³
4058075109216	Shipping box 4	1,357 mm x 207 mm x 169 mm	12902.00 g	47.47 dm³

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.