

# PRODUCT DATASHEET

## LN INDV D/I 1200 42 W 4000 K

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



### 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
- 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)

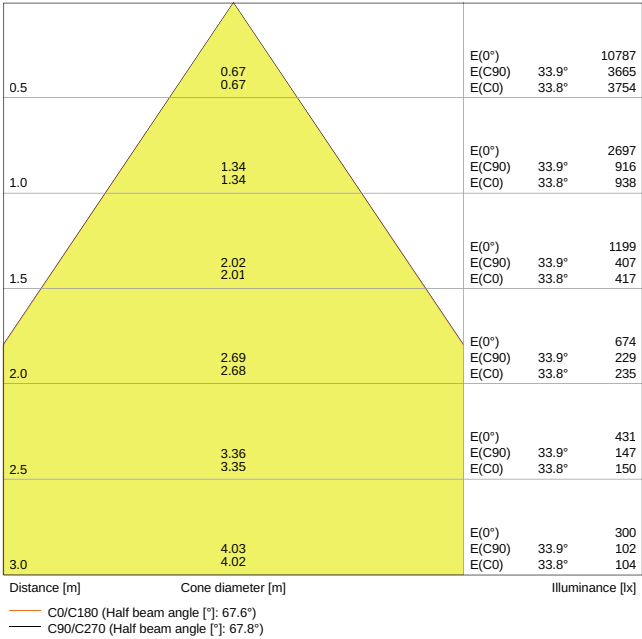
## TECHNICAL DATA

### Electrical data

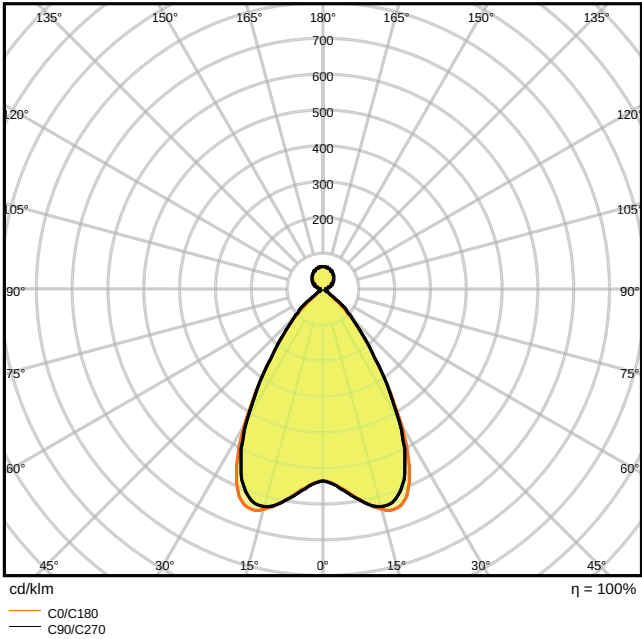
Nominal wattage	42.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	230 mA
Inrush current	30 A
Inrush current time $T_{H50}$	100 $\mu$ s
Max. no. of lum. on circuit break. B16 A	25
Max. no. of lum. on circuit break. C10 A	20
Max. no. of lum. on circuit break. C16 A	32
Power factor $\lambda$	> 0.90
Total harmonic distortion	$\leq 18 \%$
Protection class	I
Operating mode	Integrated LED driver

### Photometrical data

Luminous flux	5050 lm
Luminous efficacy	120 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	3 sdcn
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



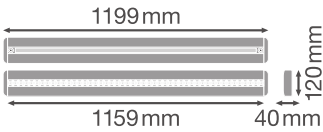
LDC typ cone



LDC typ polar

Dimensions & Weight

Length	1199.00 mm
Width	120.00 mm
Height	40.00 mm
Product weight	2600.00 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
LED module replaceable	Not replaceable
With light source	Yes

### Lifespan

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

### 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

## DOWNLOAD DATA

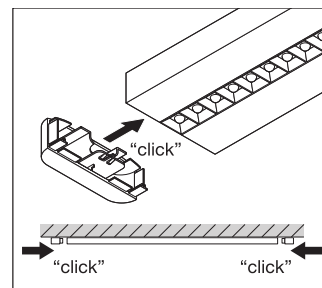
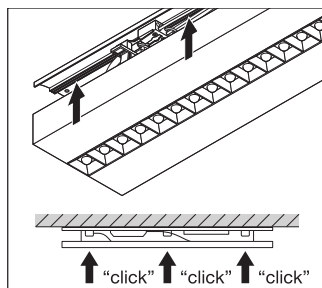
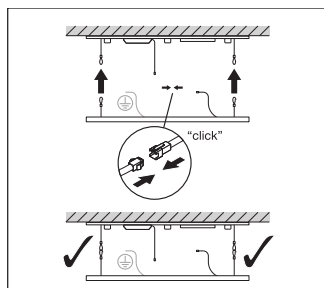
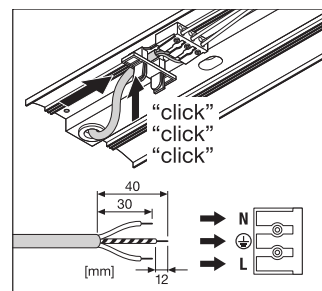
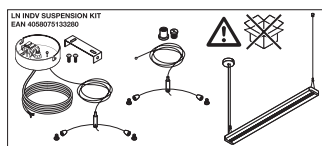
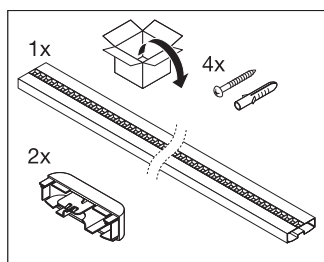
	User instruction UI_Linear_IndiviLED
	Addon Technical Information LSI LINEAR IndiviLED
	Tender documents Tender Text 4058075109742
	Declarations of conformity CE LN IndiviLED
	On-Pack-Info Legal Insert Linear LED INDV D/I
	LDT file (Eulumdat) LN INDV DI 1200 42W 4000K
	R3D file (Relux 3D Model) Linear IndiviLED Direct Indirect 1200
	M3D file (3D Model) LINEAR_IndiviLED_DIRECT_INDIRECT_1200
	ULD file (DIALux) LINEARIndiviLEDDIRECTINDIRECT120042W4000K
	UGR file (UGR table) LN INDV DI 1200 42W 4000K

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075109742	Folding box 1	132 mm x 1,334 mm x 52 mm	2393.00 g	9.16 dm <sup>3</sup>
4058075109759	Shipping box 4	1,357 mm x 207 mm x 169 mm	12102.00 g	47.47 dm <sup>3</sup>

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

## DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.