

# PRODUCT DATASHEET

## LN INDV D/I 1200 42 W 3000 K DALI

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



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
- 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)

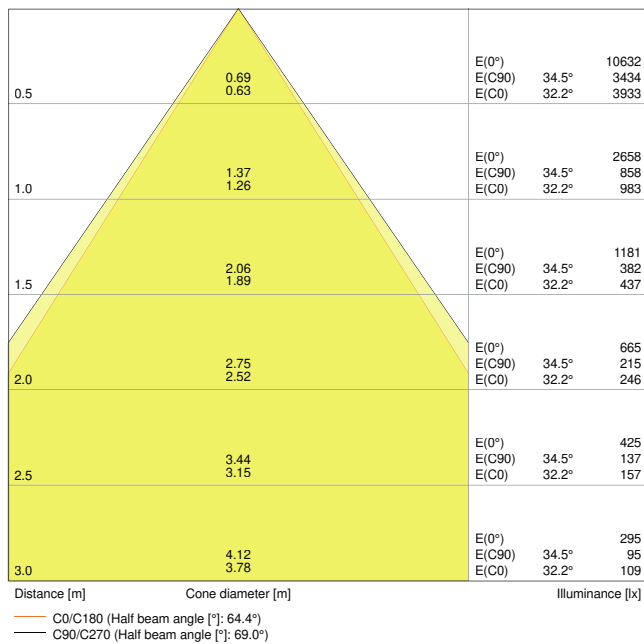
## TECHNICAL DATA

### Electrical data

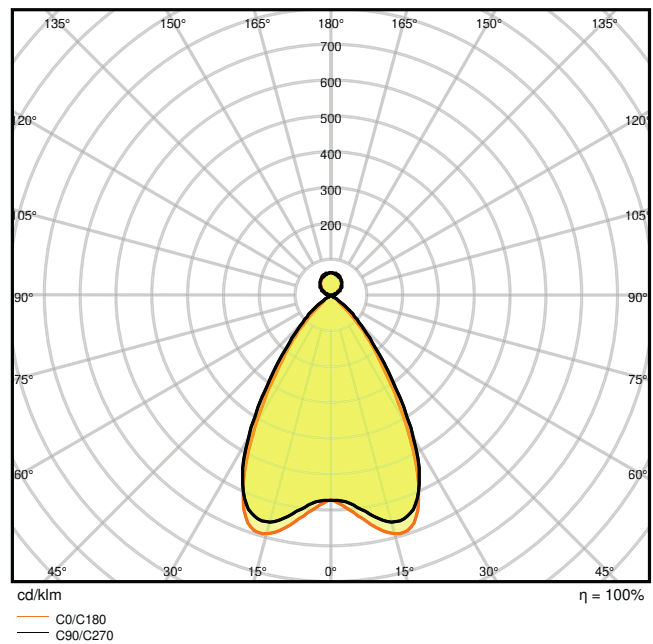
Nominal wattage	42.00 W
Nominal voltage	220...240 V
Mains frequency	0/50/60 Hz
Nominal current	230 mA
Inrush current	35 A
Inrush current time $T_{h50}$	300 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	6
Max. number of luminaires per miniature circuit breaker C10	6
Max. number of luminaires per miniature circuit breaker C16	10
Power factor $\lambda$	> 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 sdc <sub>m</sub>
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



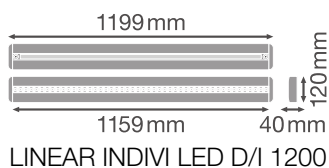
LN INDV DI DALI 1200 42W 3000K



LN INDV DI DALI 1200 42W 3000K

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, 5-Pole
Type of protection	IP20
Protection class IK (shock resistance)	IK06
Dimmable	Yes
Type of dimming	DALI
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 <sup>1)</sup>
Lifespan L80/B10 at 25 °C	50000 h <sup>1)</sup>
Lifespan L90/B10 at 25 °C	35000 h
Number of switching cycles	100000

<sup>1)</sup> 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

Documents and certificates		Document name
	User Instruction	User Instruction Linear IndiviLED DALI
	Addon Technical Information	LS Insert LN INDV DALI EM
	On-Pack-Info	Legal Insert Linear LED DALI INDV D/I
	Legal information	Legal Insert LN INDV D DALI
	Declarations of conformity	EU Declaration of Conformity Linear IndiviLED DALI LEDVANCE

Photometric and lighting design files		Document name
	IES file (IES)	LN INDV DI DALI 1200 42W 3000K
	LDT file (Eulumdat)	LN INDV DI DALI 1200 42W 3000K
	ULD file (DIALux)	LINEARIndiviLEDDIRECTINDIRECTDALI120042W3000K
	ROLF file (RELUX)	LN INDV D-I DALI 1200
	UGR file (UGR table)	LN INDV DI DALI 1200 42W 3000K
	LDC typ cone	LN INDV DI DALI 1200 42W 3000K
	LDC typ polar	LN INDV DI DALI 1200 42W 3000K

CAD/BIM files		Document name
	CAD_STEP_3D	LN INDV D I 1200

Tender texts		Document name
	Tender documents	LINEAR IndiviLED DIRECTINDIRECT 1200 42 W 3000 K DALI-EN

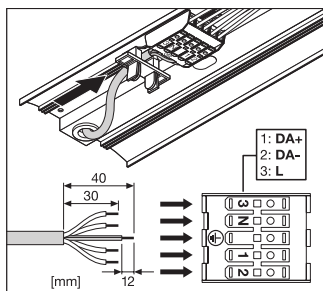
**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075109001	Folding box 1	132 mm x 1,334 mm x 52 mm	2993.00 g	9.16 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075109018	Shipping box 4	1,357 mm x 207 mm x 169 mm	12902.00 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.