

# PRODUCT DATASHEET

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

**LINEAR IndiviLED DIRECT/INDIRECT EMERGENCY | Pendant luminaire for single luminaire or light line application with emergency lighting**



---

### 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
- Emergency lighting according to IEC 60598-2-22 with emergency lighting driver and battery
- Low flicker light thanks to special electronic control gear
- Increased light comfort thanks to direct and indirect light emission
- Energy savings of up to 50 % compared to T5 batten luminaires
- Robust structure with IK06

---

### PRODUCT FEATURES

- Each LED with individual lens and reflector for UGR<16 and homogenous light distribution
- Conversion kit for emergency lighting according to IEC 60598-2-22 (driver and battery for 3 h emergency lighting operation) included
- Easy maintenance due to automatic self test function for emergency lighting according to IEC 60598-2-22
- 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
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Power factor $\lambda$	>0.90
Inrush current	30.0 A
Total harmonic distortion	< 18 %
Wattage in emergency operation mode	3.0 W
Nominal voltage of battery	3.2 V
Wattage in maintained operation mode	42.0 W
Inrush current time $T_{h50}$	100 $\mu$ s

### Luminaire control gear data

Low flicker	Yes
Max. no. of lum. on circuit break. B16 A	51
Max. no. of lum. on circuit break. C10 A	32
Max. no. of lum. on circuit break. C16 A	51

### Photometrical data

Color temperature	3000 K
Color rendering index Ra	$\geq$ 80
Light color (designation)	Warm White
Luminous flux	4650 lm
Luminous efficacy	110 lm/W
Standard deviation of color matching	<4 sdcM
Luminous flux in emergency operation mode	410 lm
Luminous flux in maintained operation mode	4650 lm

### Light technical data

Beam angle	70 °
UGR lateral	<16
UGR longitudinal	<16

Dimensions & weight



<b>Length</b>	1199 mm
<b>Width</b>	120.0 mm
<b>Height</b>	40.0 mm
<b>Product weight</b>	3000.00 g

Colors & materials

<b>Housing color</b>	White
<b>Product color</b>	White
<b>Housing color</b>	White
<b>Body material</b>	Aluminum
<b>Cover material</b>	Aluminium

Temperatures & operating conditions

<b>Ambient temperature range</b>	5...+35 °C
----------------------------------	------------

Lifespan

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

Additional product data

<b>Mounting type</b>	Suspended
<b>Mounting location</b>	Ceiling
<b>Type of Battery</b>	LiFePO4

Capabilities

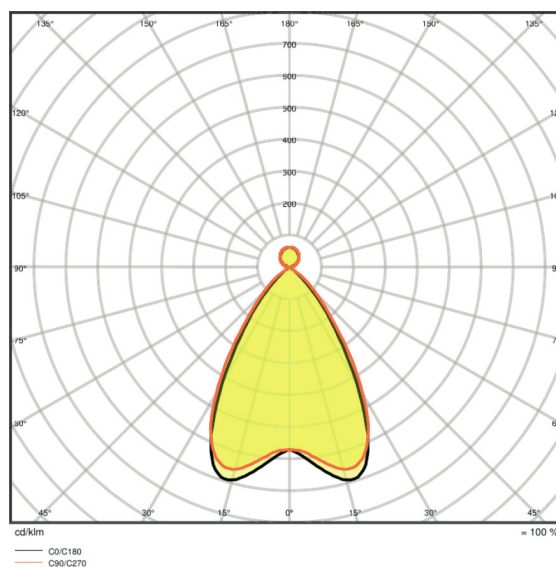
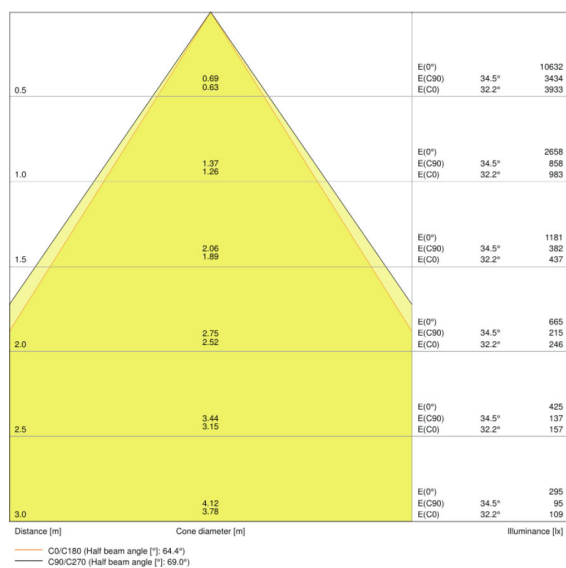
<b>Dimmable</b>	No
<b>Type of connection</b>	Screw terminal, 2-POLE (N, L, L switchable)

Type of emergency operation test	Automatic
Battery life in emergency operation mode	3 h
Battery charging time	<24 h
Area of emergency application	Anti-panic lighting / Escape route lighting
Type of emergency light operation	Maintained / Non-maintained
Integrated test switch	No
LED module replaceable	Not replaceable

Certificates & standards

Type of protection	IP20
Protection class	I
Protection class IK (shock resistance)	IK06
Glow Wire Test according to IEC 695-2-1	850 °C
Photobiological safety group EN62778	RG 1
Photobio. safety group acc. to EN62471	RG 0
Standards	CE/CB/TÜV SÜD/EAC/RoHS

Light Distribution



LDC typ cone

LDC typ polar

EQUIPMENT / ACCESSORIES

- Ceiling connection box available
- Suspension kit available

- Line connection adapter available
- Through-wiring cable kit available

---

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075109841	Folding carton box 1	132 mm x 1334 mm x 52 mm	3193.00 g	9.16 dm <sup>3</sup>
4058075109858	Shipping carton box 4	1357 mm x 207 mm x 169 mm	13302.00 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.

---

**DISCLAIMER**

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