

PRODUCT DATASHEET

LN INDV D 1500 25 W 4000 K EM

LINEAR IndiviLED DIRECT EMERGENCY | Surface mounted 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
- Multiple mounting options
- Energy savings of up to 50 % compared to T5 batten luminaires
- Further variants with DALI ECG, sensor or through wiring additionally available
- 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 5700 lm
- Luminous efficacy: up to 125 lm/W
- Initial color consistency: < 4 SDCM

TECHNICAL DATA

Electrical data

Nominal wattage	25.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor λ	>0.90
Mains frequency	50/60 Hz
Inrush current	20.0 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	25.0 W
Inrush current time T_{h50}	100 μ s

Luminaire control gear data

Low flicker	Yes
Max. no. of lum. on circuit break. B16 A	50
Max. no. of lum. on circuit break. C10 A	40
Max. no. of lum. on circuit break. C16 A	64

Photometrical data

Color temperature	4000 K
Luminous flux	3300 lm
Luminous efficacy	125 lm/W
Standard deviation of color matching	<4 sdcM
Light color (designation)	Cool White
Color rendering index Ra	≥ 80
Luminous flux in emergency operation mode	410 lm
Luminous flux in maintained operation mode	3300 lm

Light technical data

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

Dimensions & weight



Length	1488 mm
Width	120.0 mm
Height	40.0 mm
Product weight	3100.00 g

Colors & materials

Body material	Aluminum
Product color	White
Housing color	White
Cover material	Aluminium

Temperatures & operating conditions

Ambient temperature range	5...+35 °C
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Lifespan

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

Additional product data

Mounting type	Suspended/Surface
Mounting location	Ceiling
Type of Battery	LiFePO4

Capabilities

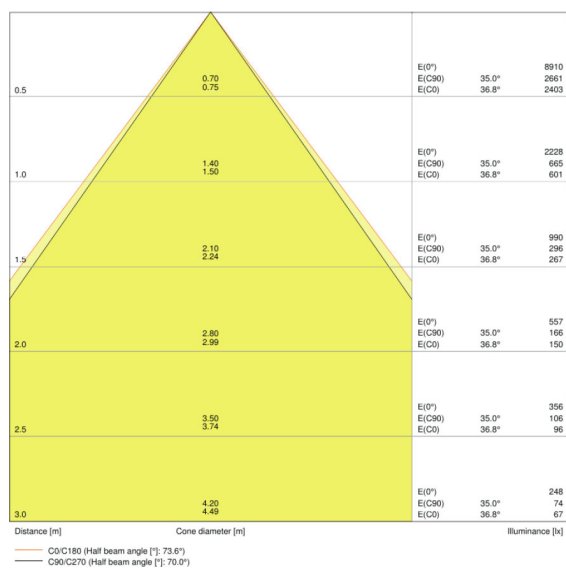
Dimmable	No
Type of connection	Screw terminal, 2-POLE (N, L. L switchable)
LED module replaceable	Not replaceable

Ball shot safe	No
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

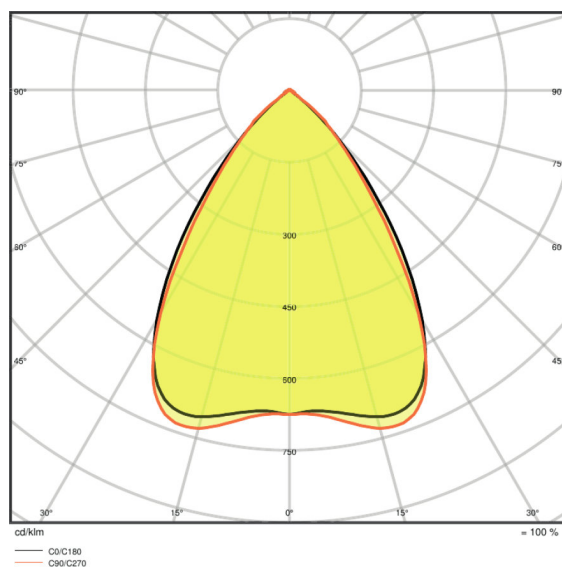
Certificates & standards

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
Protection class	I
Type of protection	IP20
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
4058075109582	Folding carton box 1	132 mm x 1624 mm x 52 mm	3442.00 g	11.15 dm ³
4058075109599	Shipping carton box 4	1641 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.

DISCLAIMER

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