PRODUCT DATASHEET
LN INDV D 1500 48 W 4000 K S

LINEAR IndiviLED DIRECT SENSOR | Surface mounted luminaire for single luminaire or light line application with sensor function



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
- Allows for energy savings and comfortable operation due to sensor control
- Multiple mounting options
- Low flicker light thanks to special electronic control gear
- Energy savings of up to 50 % compared to T5 batten luminaires
- Further variants with DALI ECG, emergency lighting function according to IEC 60598-2-22 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
- Motion sensor (microwave technology) with adjustable detection parameters
- Pendant mounting with suspension kit
- Linkable to an esthetic seamless light line with line connection adapter (surface or pendant mounting)



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- 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
- Glow Wire Test according to IEC 60695-2-12: 850 °C

TECHNICAL DATA

Electrical data

Nominal wattage	48.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor λ	>0.90
Mains frequency	50/60 Hz

Photometrical data

Color temperature	4000 K
Luminous flux	5700 lm
Luminous efficacy	120 lm/W
Standard deviation of color matching	<4 sdcm
Light color (designation)	Cool White
Color rendering index Ra	≥80

Light technical data

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

Luminaire sensor data

Type of sensor	Motion / Light
Sensor technology	Microwellen
Sensor detection angle	110 °
Detection range of motion sensor	8 m
Detection threshold of daylight sensor	25 lx
Sensor controlled switching time	5 s/1 min/3 min/10 min

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Dimensions & weight



Length	1518 mm
Width	120.0 mm
Height	40.0 mm
Product weight	3200.00 g

Colors & materials

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

Temperatures & operating conditions

Ambient temperature range	-20…45 °C

Lifespan

Lifespan L70 at 25 °C	60000 h
Lifespan L80 at 25 °C	50000 h
Lifespan L90 at 25 °C	35000 h

Additional product data

Mounting type	Suspended/Surface
Mounting location	Ceiling
Product remark	Available from July 2018

Capabilities

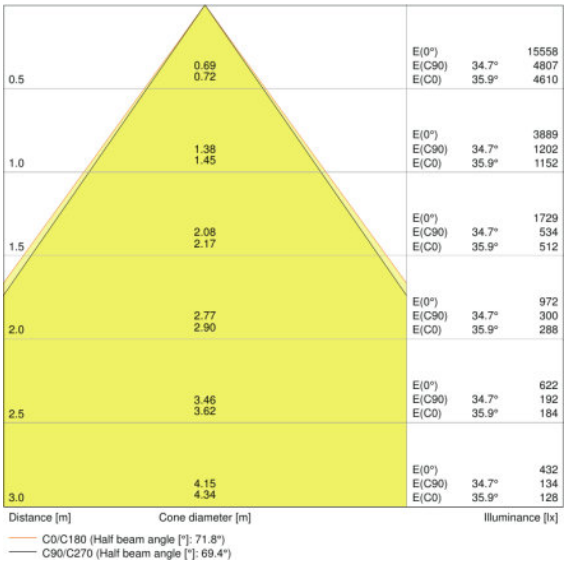
Dimmable	No
Type of connection	Push fit terminal
LED module replaceable	Not replaceable

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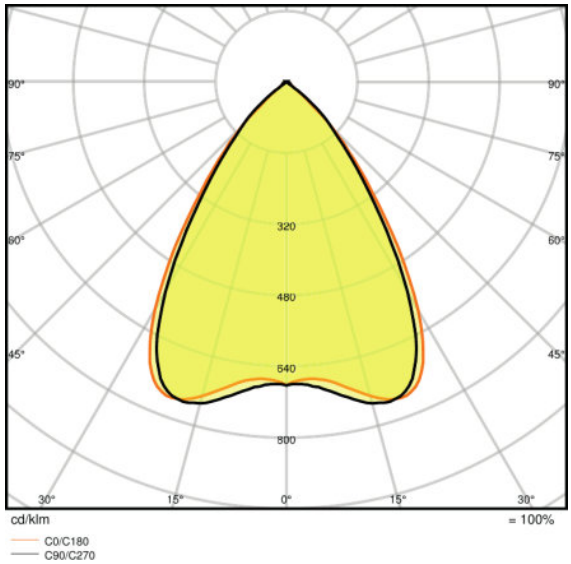
Certificates & standards

Protection class IK (shock resistance)	IK06
Photobiological safety group	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	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075109407	LN INDV D 1500 48 W 4000 K S	Shipping carton box 4	1641 mm x 207 mm x 169 mm	57.41 dm^3	15298.00 g

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.

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DISCLAIMER

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

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