# PRODUCT DATASHEET
# LN INDV D 1500 25 W 3000 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** | 25.00 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** | 3000 K |
| **Luminous flux** | 3100 lm |
| **Luminous efficacy** | 125 lm/W |
| **Standard deviation of color matching** | <4 sdcm |
| **Light color (designation)** | Warm 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** | 3000.00 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

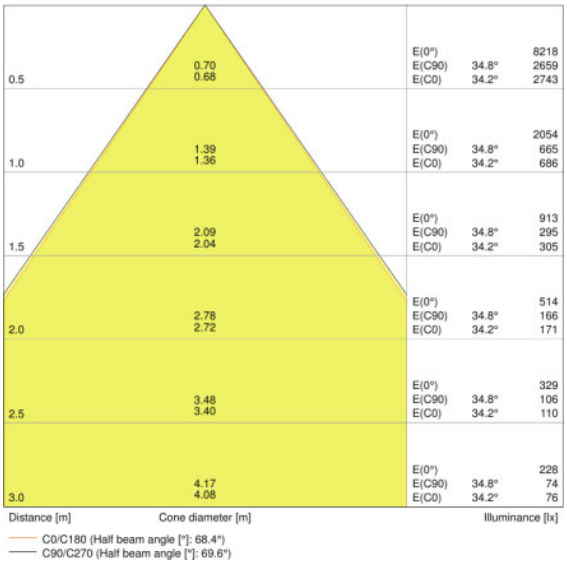
| | |
|---|---|
| **Dimmable** | No |
| **Type of connection** | Push fit terminal |
| **LED module replaceable** | Not replaceable |


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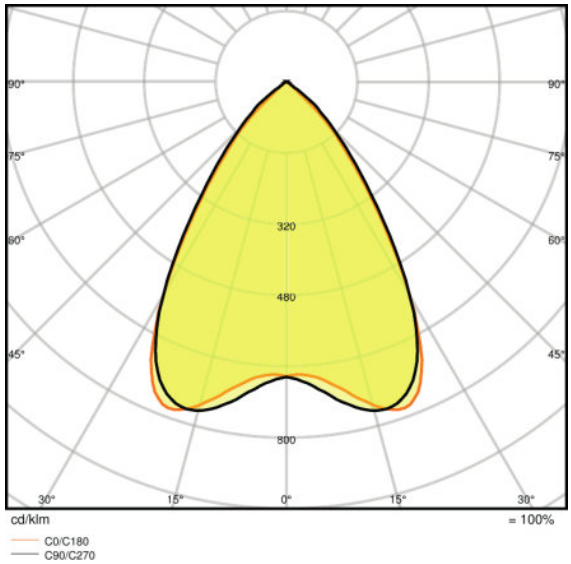
## Certificates & standards

| | |
|---|---|
| **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 |
|---|---|---|---|---|---|
| 4058075109322 | LN INDV D 1500 25 W 3000 K S | Shipping carton box 4 | 1641 mm x 207 mm x 169 mm | 57.41 $dm^3$ | 14498.00 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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