

PRODUCT DATASHEET

LN INDV D/I DALI 1200 42 W 4000 K S

LINEAR IndiviLED DIRECT/INDIRECT DALI SENSOR | DALI-Pendant 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
- Advanced functionality due to already included DALI driver
- 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
- Motion sensor and ambient light dependend dimming function for maximized energy savings
- Pre-configured DALI driver included
- 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 λ	>0.90
Max. no. of lum. on circuit break. B16 A	6
Max. no. of lum. on circuit break. C10 A	6
Max. no. of lum. on circuit break. C16 A	10
Inrush current	35.0 A
Total harmonic distortion	$\leq 18 \%$
Inrush current time T_{h50}	300 μ s

Luminaire control gear data

ECG - Life time	100000 h
Low flicker	Yes

Photometrical data

Color temperature	4000 K
Color rendering index Ra	≥ 80
Light color (designation)	Cool White
Luminous flux	5050 lm
Luminous efficacy	120 lm/W
Standard deviation of color matching	<4 sdcM

Light technical data

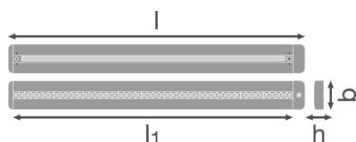
Beam angle	70 °
UGR lateral	<16
UGR longitudinal	<16

Luminaire sensor data

Sensor technology	Microwave
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
Sensor IP rating	IP20

Dimensions & weight



Length	1229 mm
Width	120.0 mm
Height	40.0 mm
Product weight	3000.00 g

Colors & materials

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

Temperatures & operating conditions

Ambient temperature range	-20...+45 °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
Mounting location	Ceiling

Capabilities

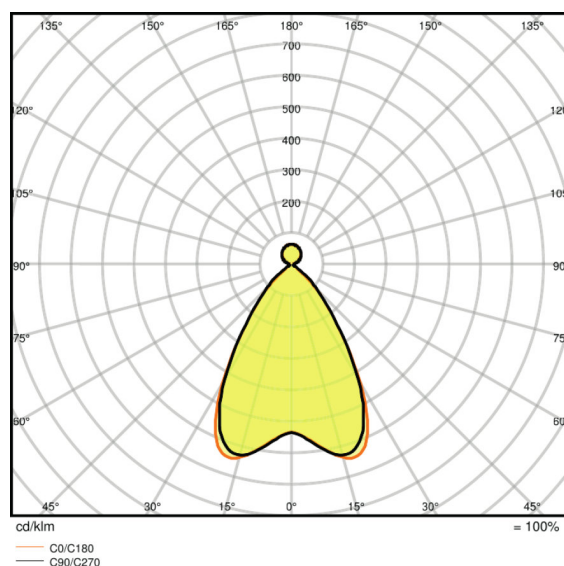
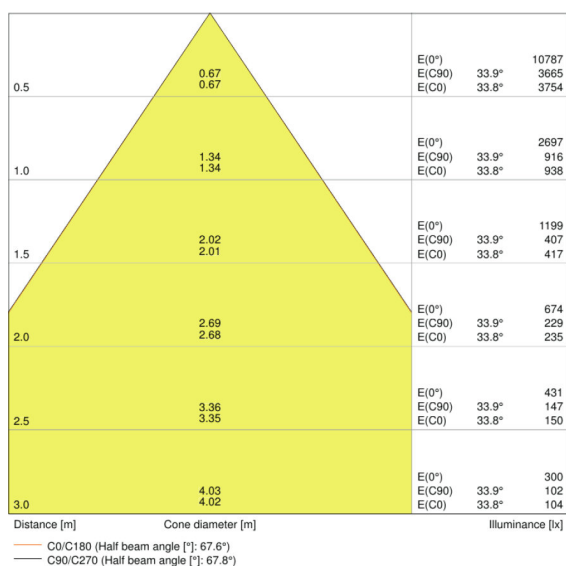
Dimmable	Yes
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Type of connection	Screwless terminal, 5-Pole
LED module replaceable	Not replaceable

Certificates & standards

Type of protection	IP20
Protection class	I
Protection class IK (shock resistance)	IK06
Glow Wire Test according to IEC 695-2-1	650 °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

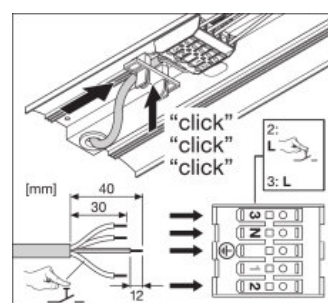
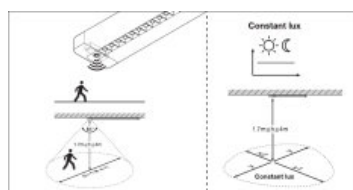
- Ceiling connection box available
- Suspension kit available
- Line connection adapter available
- Through-wiring cable kit available

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075110069	Folding carton box 1	132 mm x 1334 mm x 52 mm	3193.00 g	9.16 dm ³
4058075110076	Shipping carton box 4	1357 mm x 207 mm x 169 mm	13702.00 g	47.47 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.

ADDITIONAL CATALOG INFORMATION



DISCLAIMER

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