



product_datasheet_title

LN INDV D 1500 25 W 3000 K EM

LINEAR IndiviLED® DIRECT EMERGENCY GEN 1 | Surface mounted luminaire for single luminaire or light line application with emergency lighting



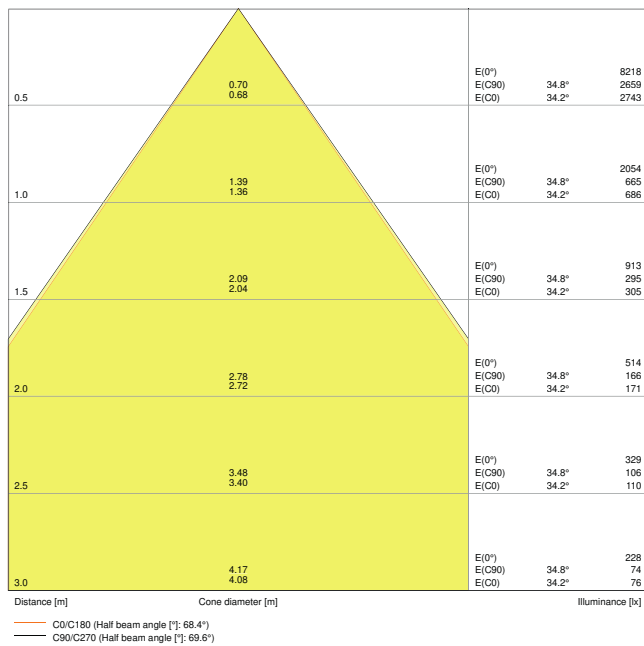
technical_data

ELECTRICAL DATA

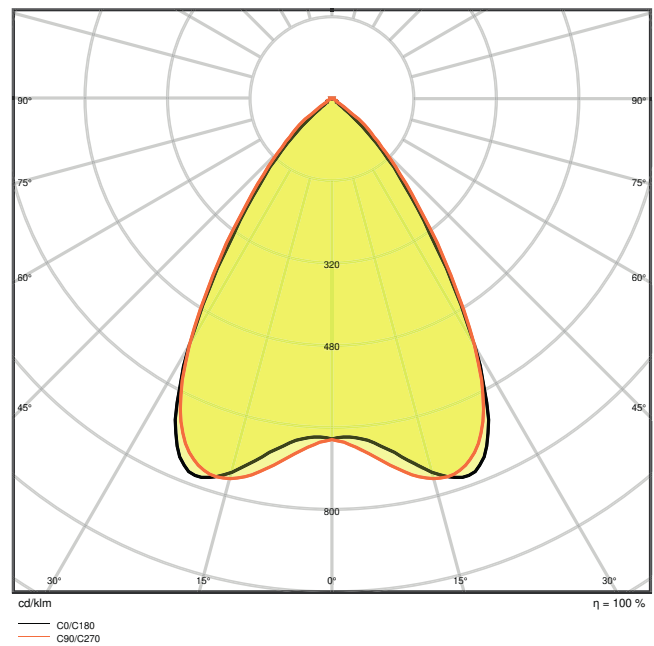
Nominal wattage	25.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	140 mA
Inrush current	20 A
Inrush current time T_{h50}	100 μ s
Max. number of luminaires per miniature circuit breaker B16	50
Max. number of luminaires per miniature circuit breaker C10	40
Max. number of luminaires per miniature circuit breaker C16	64
Power factor λ	> 0.90
Total harmonic distortion	< 18 %
Protection class	I
Operating mode	Integrated LED driver

PHOTOMETRICAL DATA

Luminous flux	3100 lm
Luminous efficacy	120 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	\geq 80
Standard deviation of color matching	3 sdc _m
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG0
Beam angle	70 °
UGR	< 16



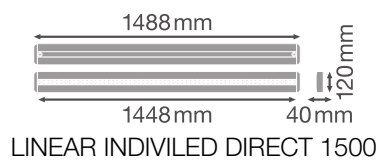
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DIMENSIONS & WEIGHT

Length	1488.00 mm
Width	120.00 mm
Height	40.00 mm
Product weight	3100.00 g



MATERIALS & COLORS

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Aluminum
Light emitting surface material	Polycarbonate (PC)

Glow Wire Test according to IEC 60695-2-12	850 °C
Mercury content	0.0 mg

APPLICATION & MOUNTING

Ambient temperature range	5...+35 °C
Temperature range at storage	5...+35 °C
Type of connection	Screw terminal, 2-POLE (N, L, L switchable)
Type of protection	IP20
Protection class IK (shock resistance)	IK06
Dimmable	no
Mounting type	Suspended/Surface
Mounting location	Ceiling
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

LIFESPAN

Lifespan L70/B50 at 25 °C	60000 h ¹⁾
Lifespan L80/B10 at 25 °C	50000 h ¹⁾
Lifespan L90/B10 at 25 °C	35000 h
Number of switching cycles	100000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

BATTERY

Type of Battery	LiFePO4
Battery size [GMS]	Others
Nominal voltage of battery	3,2 V
Nominal capacity of battery	4500 mAh
Battery charging time	< 24 h

EMERGENCY LIGHTING





Area of emergency application	Anti-panic lighting / Escape route lighting
Type of emergency light operation	Maintained / Non-maintained
Type of emergency operation test	Automatic
Wattage in maintained operation mode	25 W
Wattage in emergency operation mode	3,0 W








Luminous flux in maintained operation mode	3100 lm
Luminous flux in emergency operation mode	410 lm
Battery life in emergency operation mode	3 h
Integrated test switch	No


CERTIFICATES & STANDARDS

Standards	CE / CB / TÜV SÜD / EAC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

download_data

Documents and certificates		document_name
	User instruction	UI_Linear IndiviLED Emergency
	Addon Technical Information	LSI LINEAR IndiviLED EMERGENCY
	On-Pack-Info	Legal Insert Linear
	Declarations Of Conformity CE	LN INDV EM

Photometric and lighting design files		document_name
	IES file (IES)	LN INDV D 1500 25W 3000K EM
	LDT file (Eulumdat)	LN INDV D 1500 25W 3000K EM
	ULD file (DIALux)	LN INDV D 1500 25W-3000K
	ROLF file (RELUX)	LN INDV D 1500
	UGR file (UGR table)	LN INDV D 1500 25W 3000K EM
	LDC typ cone	LN INDV D 1500 25W 3000K EM
	LDC typ polar	LN INDV D 1500 25W 3000K EM

CAD/BIM files	document_name
 CAD_STEP_3D	LN INDV 1500

logistical_data

product_code	packaging_unit	dimensions	weight	volume
4058075109568	Folding box 1	132 mm x 1,624 mm x 52 mm	3442.00 g	11.15 dm ³
4058075109575	Shipping box 4	1,641 mm x 207 mm x 169 mm	15298.00 g	57.41 dm ³

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