BA-LIN-Z3 1550-840 560X20-HV

BASIC Linear G3 | Linear Light Engines



Product family features

- Module efficacy: up to 168 lm/W
- Available with luminous flux: 770 lm, 1,100 lm on 280 mm
- Available with luminous flux: 1,550 lm, 2,200 lm on 560 mm
- Available with luminous flux: 3,100 lm, 4,400 lm on 1,120 mm
- Average lifetime (L80 B50): > 50,000 h (temperature at T_c = 50 °C)
- Color rendering index: > 80
- CE marked, ENEC certified

Product family benefits

- Slim luminaire design by small and flexible form factor
- Adjustable luminous flux, efficacy and lifetime
- Powerful system with cost efficient OPTOTRONIC/ELEMENT driver family

Specifications are subject to changes without notice.

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Areas of application

- Office
- Industry

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Technical data

Electrical data

Nominal voltage	49.30 V
Nominal current	0.2 A
Type of current	DC
On-mode power	10 W
Energy consumption in on-mode	10 kWh/1000h
Max. drive current	450 mA

Photometrical data

Luminous efficacy	177 lm/W
Color Rendering Index	82
Color rendering index Ra	80
Correlated color temperature CCT	4000 K
Colour consistency (McAdam ellipses)	3
Useful luminous flux (Φuse)	1770 lm

Light technical data

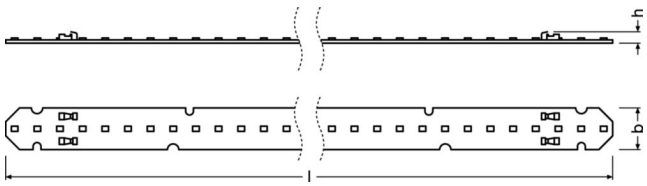
Starting time	0 s
Warm-up time (60 %)	0 s

LED module information

Number of LEDs per module	54

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Dimensions & weight



Product weight	24.20 g
Height EPREL	5 mm
Length EPREL	560 mm
Width EPREL	20 mm

Temperatures & operating conditions

Performance temp. acc. to IEC 62717	50 °C
Maximum temperature at tc test point	75 °C
Temperature range at storage	-30…85 °C
Ambient temperature range	-20…+75 °C

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Lifespan

Number of switching cycles	100000
Lumen maintenance factor LMF	96
L70B50 lifetime	50000 h

Additional product data

Lighting technology used	LED

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Certificates & standards

Standards	CE / ENEC / VDE
Type of protection	IP20
Energy efficiency class	C

Logistical data

Commodity code	85414100000
Applicable region	APAC (excl. China, India, Japan) / CHINA / EUROPE / INDIA / MEA / SOUTH AMERICA

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	03-09-2026
Primary Article Identifier	4052899607620 | 6937186106186
Declaration No. in SCIP database	In work
SCIP_STATUS	In work
SCIP_ID	

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Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

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Download Data

File		
Certificates	PDF	►CED BA-LIN-Z3 family 2025-05
Certificates	PDF	►PL ENEC 40031612 05082025

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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
6937186106186 INVENTRONICS	BA-LIN-Z3 1550-840 560X20-HV	Shipping carton box 60 Pieces	592 x 252 x 100 mm	14.92 dm³	31.50 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

Disclaimer

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

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