

BA-LIN-Z3 3100-840 1120X20-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 $T_c = 50^\circ\text{C}$)
- 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

Areas of application

- Office
- Industry



Technical data

Electrical data

Nominal voltage	98.6 V
Nominal current	0.2 A
Type of current	DC
On-mode power	19.80 W
Energy consumption in on-mode	19.8 kWh/1000h

Photometrical data

Luminous efficacy	166 lm/W
Color rendering index Ra	82
Correlated color temperature CCT	4000 K
Colour consistency (McAdam ellipses)	3
Useful luminous flux (Φ_{use})	3271 lm

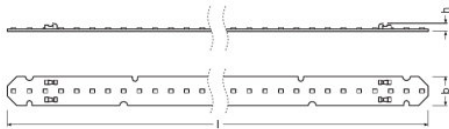
Light technical data

Starting time	< 0.1 s
Warm-up time (60 %)	< 2.00 s

LED module information

Number of LEDs per module	108
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Dimensions & weight



Product weight	48.30 g
Height	5.0 mm
Length	1120.0 mm
Width	20.0 mm

Temperatures & operating conditions

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

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	D

Logistical data

Commodity code	85414100000
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Environmental information




Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	18-04-2022
Primary Article Identifier	4052899607675
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

Product datasheet



484525_5 Year Osram Guarante
(GB)

Download Data

File	
	User instruction BASIC Linear G3
	Certificates PL ENEC 40031612 250723
	Declarations of conformity BA LIN Z3 CE 3803980 060921

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.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899607675	BA-LIN-Z3 3100-840 1120X20-HV	Shipping carton box 60	1147 mm x 295 mm x 120 mm	40.60 dm ³	4023.00 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.

Disclaimer

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