

BA-LIN-Z3 1100-865 280X20

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 $T_c = 50\text{ }^\circ\text{C}$)
- 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



Product datasheet

Technical data

Electrical data

| | |
|-------------------------------|---------------|
| Nominal voltage | 24.5 V |
| Nominal current | 0.25 A |
| Type of current | DC |
| On-mode power | 6.2 W |
| Energy consumption in on-mode | 6.2 kWh/1000h |

Photometrical data

| | |
|---------------------------------------|----------|
| Luminous efficacy | 168 lm/W |
| Color rendering index Ra | >80 |
| Correlated color temperature CCT | 6500 K |
| Colour consistency (McAdam ellipses) | 3 |
| Useful luminous flux (Φ_{use}) | 1030 lm |

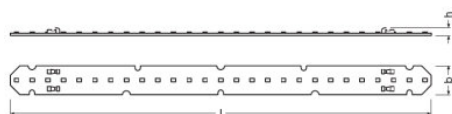
Light technical data

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

LED module information

| | |
|---------------------------|----|
| Number of LEDs per module | 36 |
|---------------------------|----|

Dimensions & weight



| | |
|----------------|---------|
| Product weight | 12.40 g |
| Height | 5 mm |
| Length | 280 mm |
| Width | 20 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 |
|--------------------------|-----|

Certificates & standards

| | |
|-------------------------|-------------|
| Standards | CE/ENEC/VDE |
| Type of protection | IP20 |
| Energy efficiency class | D |

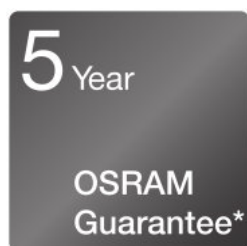
Logistical data

| | |
|----------------|--------------|
| Commodity code | 854141000000 |
|----------------|--------------|

Environmental information



| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|---|------------------------------------|
| Date of Declaration | 18-04-2022 |
| Primary Article Identifier | 4052899607606 |
| 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 |
|--|
|  Certificates PL ENEC 40031612 250920 |
|  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 |
|---------------|------------------------------|------------------------------|--------------------------------------|-----------------------|--------------|
| 4052899607606 | BA-LIN-Z3 1100-865 280X20 | Shipping carton box 60 | 592 mm x 252 mm x 100 mm | 14.92 dm ³ | 1176.00 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.

Product datasheet

Disclaimer

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