Product datasheet

PL-BAR-G4 1100-830-280X55-LV/HV

PrevaLED Bar G4 | Area and Bar Light Engines



Product family features

- Module efficacy: up to 197 lm/W
- Average lifetime (L80 B10): up to 70,000 h (temperature at T_C = 55 °C)
- Available module length: 1 ft/280 mm or 2 ft/560mm
- Available with luminous flux: 1,156 lm, 2,312 lm and 3,572 lm
- Available with color temperature: 3,000 K, 4,000 K
- High initial color consistency: 3 SDCM
- CE marked

Product family benefits

- 3-row LED module suitable for 3 x 11 optics
- Cut out area for shadow-free wiring
- Push-in connector for automated wiring
- HV-type for serial connection
- LV-type for parallel connection

Areas of application

- Retail
- Supermarkets
- Industry

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Technical data

Electrical data

Nominal voltage	29.0 V
Nominal current	0.25 A
Type of current	DC

Photometrical data

Luminous efficacy	183 lm/W
Color rendering index Ra	80

Light technical data

Beam angle	0 °
Starting time	< 0.1 s
Warm-up time (60 %)	< 2.00 s

LED module information

Number of LEDs per module	33

Dimensions & weight

Product weight	50.00 g
Length	280.0 mm
Width	55.0 mm
Height	5.00 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

Lifespan

Number of switching cycles	100000

Additional product data

Predecessor EAN	4052899999404

Capabilities

Dimmable	Yes

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Certificates & standards

Standards	CE/ENEC
Type of protection	IP20

Logistical data

Commodity code	85414100000

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	18-04-2022
Primary Article Identifier	4052899618282
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained



484525_5 Year Osram Guarante
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Download Data

	File
	Certificates PL ENEC 40031612 250723
	Declarations of conformity PL-BAR-G4 1100 2200 LV HV CED 4206233 060420
	Declarations of conformity PL BAR G4 CE 4206233 160623
	CAD data PL BAR G4 1100 280x55 LV HV IGS 060420
	CAD data PL BAR G4 1100 280x55 LV HV STEP 060420

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	CAD Data 2-dim PL BAR G4 1100 280x55 LV HV CAD2PDF 060420
	CAD data 3-dim PL BAR G4 1100 280x55 LV HV CAD3PDF 060420

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
4052899618282	PL-BAR-G4 1100-830-280X55-LV/HV	Shipping carton box 60	300 mm x 306 mm x 225 mm	20.66 dm^3	3270.00 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.

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