

PrevaLED Bar G3

Area and Bar Light Engines



Product family features

- Module efficacy: up to 171 lm/W
- Average lifetime (L80 B10): 50,000 h (temperature at $T_c = 55^\circ\text{C}$)
- 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

Areas of application

- Retail
- Supermarkets
- Industry



Product family datasheet

Technical data

Product description	Electrical data			Photometrical data		LED module information
	Nominal voltage	Nominal current	Type of current	Luminous efficacy	Color rendering index Ra	Number of LEDs per module
PL-BAR-G3 3000-830 280X55	33.3 V	0.7 A	DC	145 lm/W	80	33
PL-BAR-G3 3000-840 280X55	33.3 V	0.7 A	DC	153 lm/W	80	33
PL-BAR-G3 3000-850 280X55	33.3 V	0.7 A	DC	153 lm/W	80	33

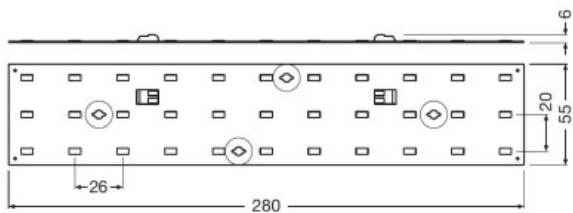
Product description	Dimensions & weight				Temperatures & operating conditions	
	Product weight	Length	Width	Height	Performance temp. acc. to IEC 62717	Temperature range in operation at Tc point
PL-BAR-G3 3000-830 280X55	50.30 g	280.0 mm	55.0 mm	5.00 mm	55 °C	-20...75 °C
PL-BAR-G3 3000-840 280X55	50.30 g	280.0 mm	55.0 mm	5.00 mm	55 °C	-20...75 °C
PL-BAR-G3 3000-850 280X55	50.30 g	280.0 mm	55.0 mm	5.00 mm	55 °C	-20...75 °C

Product description	Maximum temperature at tc test point	Temperature range at storage	Lifespan	Certificates & standards
			Number of switching cycles	Standards
PL-BAR-G3 3000-830 280X55	75 °C	-30...85 °C	100000	CE/ENEC
PL-BAR-G3 3000-840 280X55	75 °C	-30...85 °C	100000	CE/ENEC
PL-BAR-G3 3000-850 280X55	75 °C	-30...85 °C	100000	CE/ENEC

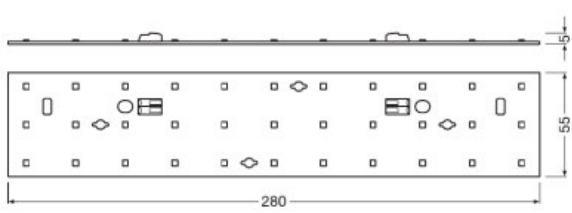
Product description	Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
	Commodity code	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
PL-BAR-G3 3000-830 280X55	85414100000	18-04-2022	4052899999459	No declarable substances contained
PL-BAR-G3 3000-840 280X55	85414100000	18-04-2022	4052899999442	No declarable substances contained
PL-BAR-G3 3000-850 280X55	85414100000	18-04-2022	4052899999466	No declarable substances contained

Product description	Declaration No. in SCIP database
PL-BAR-G3 3000-830 280X55	No declarable substances contained
PL-BAR-G3 3000-840 280X55	No declarable substances contained
PL-BAR-G3 3000-850 280X55	No declarable substances contained

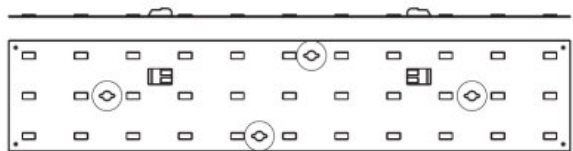
Product family datasheet



616729_PLG2-BAR-1100-8X0-280X55



PL-BAR-G3 3000-830840850



616739_PLG2-BAR-1100-8X0-280X55

Application advice

For more detailed application information and graphics please see product datasheet.

Sales and Technical Support

Sales and Technical Support www.osram.com

Download Data

File	
	Certificates PL ENEC 40031612 250723
	Declarations of conformity PL BAR G3 CE 3713512 160623

Product family datasheet

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
4052899999459	PL-BAR-G3 3000-830 280X55	Shipping carton box 60	300 mm x 306 mm x 225 mm	20.66 dm ³	3288.00 g
4052899999442	PL-BAR-G3 3000-840 280X55	Shipping carton box 60	300 mm x 306 mm x 225 mm	20.66 dm ³	3288.00 g
4052899999466	PL-BAR-G3 3000-850 280X55	Shipping carton box 60	300 mm x 306 mm x 225 mm	20.66 dm ³	3288.00 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.