

PrevaLED Area G5

Area and Bar Light Engines



Product family features

- Module efficacy: up to 188 lm/W
- Average lifetime (L80 B50): up to 70,000 h (temperature at $T_c = 55^\circ\text{C}$)
- Available with luminous flux: 2,530 lm
- Available with color temperature: 3,000 K, 4,000 K or 6,500 K
- High initial color consistency: ≤ 3 SDCM
- CE marked, ENEC certified

Product family benefits

- Rectangular shape (540 mm x 270 mm) to fit in multiple square applications
- Easy installation and mounting via interconnection of two modules
- Provides homogenous light suitable for application in area luminaires
- SELV module for easy luminaire design

Areas of application

- Offices
- Hallways, corridors
- Light ceilings



Technical data

Electrical data

Product description	Nominal voltage	Nominal current	Type of current
PL-AR-G5 2500-830 540X270	38.3 V	0.35 A	DC
PL-AR-G5 2500-840 540X270	38.3 V	0.35 A	DC
PL-AR-G5 2500-865 540X270	38.3 V	0.35 A	DC

Photometrical data

Product description	Luminous efficacy	Color rendering index Ra
PL-AR-G5 2500-830 540X270	177 lm/W	80
PL-AR-G5 2500-840 540X270	188 lm/W	80
PL-AR-G5 2500-865 540X270	188 lm/W	80

Light technical data

Product description	Beam angle
PL-AR-G5 2500-830 540X270	0 °
PL-AR-G5 2500-840 540X270	0 °
PL-AR-G5 2500-865 540X270	0 °

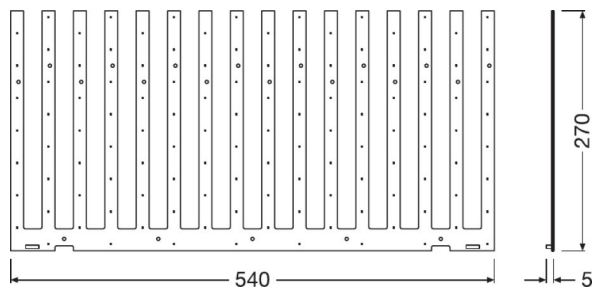
LED module information

Product description	Number of LEDs per module
PL-AR-G5 2500-830 540X270	120
PL-AR-G5 2500-840 540X270	120
PL-AR-G5 2500-865 540X270	120

Dimensions & weight

Product description	Product weight	Height	Width	Length
PL-AR-G5 2500-830 540X270	215.00 g	5.0 mm	270.0 mm	540.0 mm
PL-AR-G5 2500-840 540X270		5.0 mm	270.0 mm	540,0 mm
PL-AR-G5 2500-865 540X270	215.00 g	5.0 mm	270.0 mm	540.0 mm

Product line drawing



PL-AR-G5 2500-830 540X270, PL-AR-G5 2500-840 540X270, PL-AR-G5 2500-865 540X270

Temperatures & operating conditions

Product description	Performance temp. acc. to IEC 62717	Temperature range in operation at Tc point	Maximum temperature at tc test point	Temperature range at storage
PL-AR-G5 2500-830 540X270	55 °C	-20...75 °C	75 °C	-30...85 °C
PL-AR-G5 2500-840 540X270	55 °C	-20...75 °C	75 °C	-30...85 °C
PL-AR-G5 2500-865 540X270	55 °C	-20...75 °C	75 °C	-30...85 °C

Lifespan

Product description	Number of switching cycles
PL-AR-G5 2500-830 540X270	100000
PL-AR-G5 2500-840 540X270	100000
PL-AR-G5 2500-865 540X270	100000

Product family datasheet

Additional product data

Product description	Predecessor EAN
PL-AR-G5 2500-830 540X270	4052899529359
PL-AR-G5 2500-840 540X270	4052899529373
PL-AR-G5 2500-865 540X270	4052899529397

Capabilities

Product description	Dimmable
PL-AR-G5 2500-830 540X270	Yes
PL-AR-G5 2500-840 540X270	Yes
PL-AR-G5 2500-865 540X270	Yes

Certificates & standards

Product description	Standards
PL-AR-G5 2500-830 540X270	CE/ENEC
PL-AR-G5 2500-840 540X270	CE/ENEC
PL-AR-G5 2500-865 540X270	CE/ENEC

Logistical data

Product description	Commodity code
PL-AR-G5 2500-830 540X270	85395100000
PL-AR-G5 2500-840 540X270	85395100000
PL-AR-G5 2500-865 540X270	85395100000

Environmental information
Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

Product description	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
PL-AR-G5 2500-830 540X270	18-04-2022	4052899619104	No declarable substances contained
PL-AR-G5 2500-840 540X270	18-04-2022	4052899619111	No declarable substances contained
PL-AR-G5 2500-865 540X270	18-04-2022	4052899619128	No declarable substances contained

Product description	Declaration No. in SCIP database
PL-AR-G5 2500-830 540X270	No declarable substances contained
PL-AR-G5 2500-840 540X270	No declarable substances contained
PL-AR-G5 2500-865 540X270	No declarable substances contained

Product family datasheet

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 AR G5 2500 540x270 CE 4201872 160623

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
4052899619104	PL-AR-G5 2500-830 540X270	Shipping carton box 20	595 mm x 363 mm x 293 mm	63.28 dm ³	6461.00 g
4052899619111	PL-AR-G5 2500-840 540X270	Shipping carton box 20	595 mm x 363 mm x 293 mm	63.28 dm ³	6461.00 g
4052899619128	PL-AR-G5 2500-865 540X270	Shipping carton box 20	595 mm x 363 mm x 293 mm	63.28 dm ³	6461.00 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.