

PL-BAR-G4 1100-840-280X55-LV/HV

PrevaLED Bar G4 | Area and Bar Light Engines

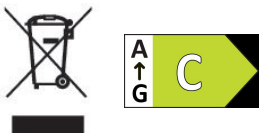


Product family features

- Module efficacy: up to 197 lm/W
- Average lifetime (L80 B10): up to 70,000 h (temperature at $T_c = 55^\circ\text{C}$)
- 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
- HV-type for serial connection
- LV-type for parallel connection



Areas of application

- Retail
- Supermarkets
- Industry

Technical data

Electrical data

Nominal voltage	29.00 V
Nominal current	0.25 A
Type of current	DC
On-mode power	7.6 W
Energy consumption in on-mode	7.6 kWh/1000h
Networked standby power	0
Max. drive current	450 mA

Photometrical data

Luminous efficacy	197 lm/W
Color Rendering Index	80
Color rendering index Ra	80
Correlated color temperature CCT	4000 K
Colour consistency (McAdam ellipses)	3
Useful luminous flux (Φ_{use})	1420 lm

Light technical data

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

LED module information

Number of LEDs per module	33
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Dimensions & weight

Product weight	50.00 g
Height EPREL	5 mm
Length EPREL	280 mm
Width EPREL	55 mm

Temperatures & operating conditions

Performance temp. acc. to IEC 62717	50 °C
Maximum temperature at tc test point	75 °C
Temperature range at storage	-30...85 °C

Lifespan

Number of switching cycles	100000
Lumen maintenance factor LMF	96
L70B50 lifetime	70000 h

Additional product data

Lighting technology used	LED
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Capabilities

Dimmable	Yes
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Certificates & standards

Standards	CE / ENEC
Type of protection	IP20
Energy efficiency class	C

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	02-04-2026
Primary Article Identifier	4052899618305 6937186113832
Declaration No. in SCIP database	In work
SCIP_STATUS	In work
SCIP_ID	

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.

Download Data

File		
CAD data 3-dim	Compressed	▶ PL BAR G4 1100 280x55 LV HV CAD3PDF 060420
CAD data	Compressed	▶ PL BAR G4 1100 280x55 LV HV IGS 060420
CAD data	Compressed	▶ PL BAR G4 1100 280x55 LV HV STEP 060420

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
6937186113832 INVENTRONICS	PL-BAR-G4 1100-840- 280X55-LV/HV	Shipping carton box 60 Pieces	308 x 314 x 241 mm	23.31 dm ³	56.98 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.