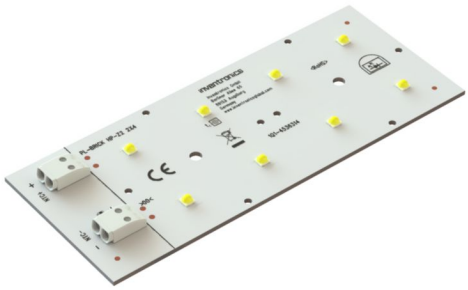
PL-BRICK HP-Z2 1900 730 2X4

PL BRICK HP Z2 | LED modules for industry and outdoor applications



Product family features

- Available with color temperature: 2,200 K, up to 4000 K
- Available with CRI > 70
- Average lifetime (L80 B10): up to 100,000 h (temperature up to T_c = 90 °C)
- Maximum temperature at t_c: 95 °C (according to IEC 62717)
- Operating range: -40°C to +70°C
- Initial color consistency: ≤ 5 SDCM
- Maximum working voltage 600 V for the system
- CE marked, ENEC certified
- Type of protection: IP00

Product family benefits

- High-performance module for outdoor and street lighting
- Dimensions aligned with Zhaga book 15
- Compatible with third party optics, e.g. from LEDIL
- NTC for on-module temperature observation



Specifications are subject to changes without notice.

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Areas of application

- Outdoor application
- Street lighting
- Industry
- Highbay lighting
- Area lighting

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Technical data

Electrical data

Nominal voltage	22.60 V
Nominal current	0.53 A
Type of current	DC
On-mode power	12 W
Energy consumption in on-mode	12 kWh/1000h
Maximum forward voltage	23.80 V
Max. drive current	1500 mA

Photometrical data

Luminous efficacy	169 lm/W
Color rendering index Ra	70
Correlated color temperature CCT	3000 K
Colour consistency (McAdam ellipses)	5
Useful luminous flux (Φuse)	2030 lm

Light technical data

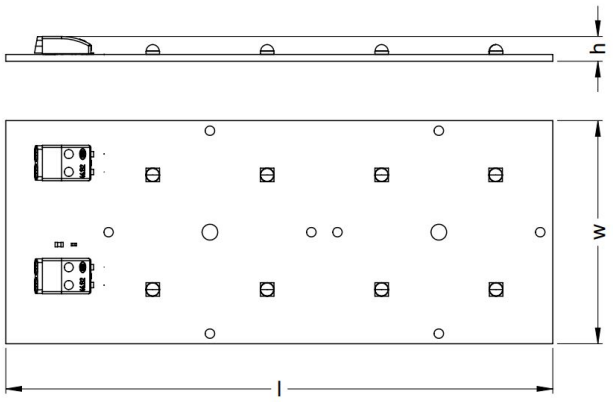
Beam angle	120 °

LED module information

Number of LEDs per module	8

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Dimensions & weight



Product weight	27.00 g
Height EPREL	6 mm
Length EPREL	121.4 mm
Width EPREL	49.5 mm

Temperatures & operating conditions

Performance temp. acc. to IEC 62717	55 °C
Maximum temperature at tc test point	95 °C
Temperature range at storage	-30…85 °C
Ambient temperature range	-40…+70 °C
Ambient temperature (rated)	25 °C

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Lifespan

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

Additional product data

Lighting technology used	LED

Capabilities

Dimmable	Yes
NTC input	Yes

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Certificates & standards

Standards	CE / ENEC
Type of protection	IP00
Energy efficiency class	D

Logistical data

Commodity code	85395100000
Applicable region	APAC (excl. China, India, Japan) / CHINA / EUROPE / INDIA / MEA / NAFTA / SOUTH AMERICA

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	01-09-2026
Primary Article Identifier	6937186124203
Declaration No. in SCIP database	In work
SCIP_ID	

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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.

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Download Data

File		
Certificates	PDF	►PL BRICK BA BAR CLE VDE ENEC 40045382 050826

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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
6937186124203 INVENTRONICS	PL-BRICK HP-Z2 1900 730 2X4	Shipping carton box 120 Pieces	424 x 159 x 292 mm	19.69 dm³	35.75 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

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