

## PL-BRICK HP 1900 730 2X4

PrevaLED BRICK HP | LED modules for industry and outdoor applications



### Product family features

- Module efficacy: up to 186 lm/W
- Average lifetime (L80 B10): up to 100,000 h (temperature up to  $T_c = 85\text{ }^\circ\text{C}$ )
- Available with color temperature: 2,200 K, 2,700 K, 3,000 K, 4,000 K, 5,700 K and 6,500 K
- Available with CRI > 70 and CRI > 80
- Initial color consistency:  $\leq 5$  SDCM
- CE marked, ENEC certified
- Type of protection: IP20

### 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
- Up to 176 lm/W module efficiency for demanding lighting solutions
- NTC for on-module temperature observation

### Areas of application

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



# Product datasheet

## Technical data

### Electrical data

Nominal current	0.7 A
Type of current	DC
Nominal voltage	22.5 V
On-mode power	16 W

### Photometrical data

Luminous efficacy	163 lm/W
Color rendering index Ra	>70
Light color LED	White

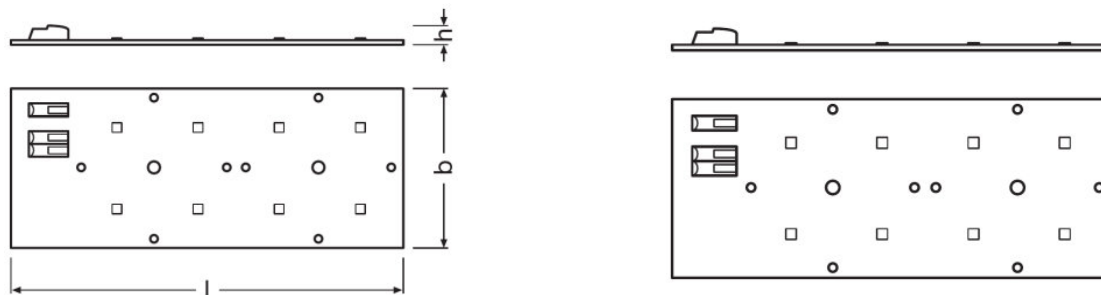
### Light technical data

Starting time	< 0.1 s
Warm-up time (60 %)	< 2.00 s

### LED module information

Number of LEDs per module	8
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### Dimensions & weight



Product weight	27.00 g
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### Temperatures & operating conditions

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

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### Lifespan

Number of switching cycles	100000
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### Certificates & standards

Type of protection	IP20
Standards	CE/ENEC







### Logistical data

Commodity code	853951000000
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### Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	01-07-2022
Primary Article Identifier	4052899597211
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

### Download Data

File	
	Certificates PL BRICK BA BAR ENEC 40045382 110722
	Declarations of conformity PL BRICK DA HP CE 3637355 070921
	CAD data PL BRICK HP 1900 CAD STEP 300622
	CAD data PL BRICK HP 1900 CAD DWG 300622
	CAD Data 2-dim PL BRICK HP 1900 CAD 2DIM 300622
	CAD data 3-dim PL BRICK HP 1900 CAD 3DIM 300622

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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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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899597211	PL-BRICK HP 1900 730 2X4	Shipping carton box 120	350 mm x 280 mm x 157 mm	15.39 dm <sup>3</sup>	3686.00 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.

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### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.