# PL-BRICK HP 1900 830 2x4 HE

PrevaLED BRICK HP HE | LED modules for industry and outdoor applications



## Product family features

- Module efficacy: up to 190 lm/W
- Average lifetime (L70 B10): up to 100,000 h by 700 mA
- Available with color temperature: 2,200 K, 2,700 K, 3,000 K, 4,000 K and 5,700 K
- Available with CRI > 70 and CRI > 80
- Initial color consistency: ≤ 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
- NTC for on-module temperature observation

## Areas of application

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








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Technical data

## Electrical data

| | |
|---|---|
| **Nominal current** | 0.7 A |
| **Type of current** | DC |
| **On-mode power** | 16.00 W |
| **Energy consumption in on-mode** | 16.0 kWh/1000h |

## Photometrical data

| | |
|---|---|
| **Color rendering index Ra** | 80 |
| **Correlated color temperature CCT** | 3000 K |
| **Colour consistency (McAdam ellipses)** | 5 |
| **Useful luminous flux (Φuse)** | 2618 lm |

## Light technical data

| | |
|---|---|
| **Beam angle** | 0 ° |

## Dimensions & weight

| | |
|---|---|
| **Product weight** | 27.00 g |
| **Height** | 6.0 mm |
| **Length** | 121.4 mm |
| **Width** | 49.5 mm |

## Temperatures & operating conditions

| | |
|---|---|
| **Temperature range at storage** | -30…85 °C |

## Lifespan

| | |
|---|---|
| **Lumen maintenance factor LMF** | 96 |

## Additional product data

| | |
|---|---|
| **Lighting technology used** | LED |

## Capabilities

| | |
|---|---|
| **Dimmable** | Yes |

## Certificates & standards

| | |
|---|---|
| **Type of protection** | IP20 |
| **Standards** | CE/ENEC |
| **Energy efficiency class** | D |


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# Product datasheet

## Logistical data

| | |
|---|---|
| **Commodity code** | 85395100000 |

## Environmental information

| **Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)** | |
|---|---|
| **Date of Declaration** | 21-08-2023 |
| **Primary Article Identifier** | 4062172299664 |
| **Candidate List Substance 1** | No declarable substances contained |
| **Declaration No. in SCIP database** | No declarable substances contained |

## Download Data

| | **File** |
|---|---|
| | Certificates<br>PL BRICK BA BAR CLE VDE ENEC 40045382 210723 |

## 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** |
|---|---|---|---|---|---|
| 4062172299664 | PL-BRICK HP 1900 830 2x4 HE | Shipping carton box 120 | 350 mm x 280 mm x 157 mm | 15.39 $dm^3$ | 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.

## Disclaimer

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


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