

PL-BRICK HP 3800 740 2X8

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 $T_c = 85\text{ °C}$)
- 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: ≤ 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	45.0 V

Photometrical data

Luminous efficacy	173 lm/W
Color rendering index Ra	>70
Light color LED	White

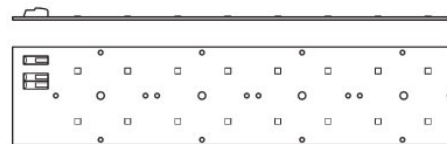
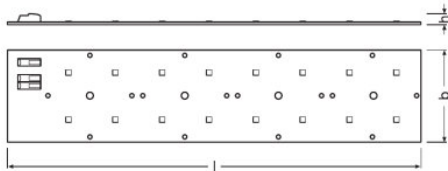
Light technical data

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

LED module information

Number of LEDs per module	16
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Dimensions & weight



Product weight	50.00 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

Lifespan

Product datasheet

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	4052899576315
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 3800 CAD DWG 300622
	CAD data PL BRICK HP 3800 CAD STEP 300622
	CAD Data 2-dim PL BRICK HP 2850 CAD 2DIM 300622
	CAD data 3-dim PL BRICK HP 3800 CAD 3DIM 300622

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.

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899576315	PL-BRICK HP 3800 740 2X8	Shipping carton box 120	485 mm x 350 mm x 160 mm	27.16 dm ³	6706.00 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.