

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 $T_c = 85^\circ\text{C}$)
- 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: ≤ 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 family datasheet

Technical data

Product description	Electrical data				Photometrical data
	Nominal current	Type of current	Energy consumption in on-mode	On-mode power	Luminous efficacy
PL-BRICK HP 1900 757 2X4	0.7 A	DC	16.0 kWh/1000h	16.00 W	173 lm/W
PL-BRICK HP 2850 757 2X6	0.7 A	DC	24.0 kWh/1000h	24.00 W	173 lm/W
PL-BRICK HP 3800 757 2X8	07 A	DC	32.0 kWh/1000h	32.00 W	173 lm/W
PL-BRICK HP 3800 840 2X8	07 A	DC	32.0 kWh/1000h	32.00 W	156 lm/W

Product description	Useful luminous flux (Φuse)	Correlated color temperature CCT	Color rendering index Ra	Colour consistency (McAdam ellipses)	Light technical data
					Beam angle
PL-BRICK HP 1900 757 2X4	2663 lm	5700 K	69	5	120 °
PL-BRICK HP 2850 757 2X6	3994 lm	5700 K	69	5	120 °
PL-BRICK HP 3800 757 2X8	5326 lm	5700 K	70	5	120 °
PL-BRICK HP 3800 840 2X8	4775 lm	4000 K	80	5	120 °

Product description	LED module information	Dimensions & weight			
	Number of LEDs per module	Product weight	Width	Length	Height
PL-BRICK HP 1900 757 2X4	8	27.00 g	50.0 mm	121.0 mm	8.0 mm
PL-BRICK HP 2850 757 2X6	12	40.00 g	50.0 mm	172.0 mm	8.0 mm
PL-BRICK HP 3800 757 2X8	16	5000 g	50.0 mm	224.0 mm	8.0 mm
PL-BRICK HP 3800 840 2X8	16	5000 g	50.0 mm	224.0 mm	8.0 mm

Product description	Temperatures & operating conditions	Lifespan		Additional product data
	Temperature range at storage	Lumen maintenance factor LMF	L70B50 lifetime	Lighting technology used
PL-BRICK HP 1900 757 2X4	-30...85 °C	96	100000 h	LED
PL-BRICK HP 2850 757 2X6	-30...85 °C	96	100000 h	LED
PL-BRICK HP 3800 757 2X8	-30...85 °C	96	100000 h	LED
PL-BRICK HP 3800 840 2X8	-30...85 °C	96	100000 h	LED

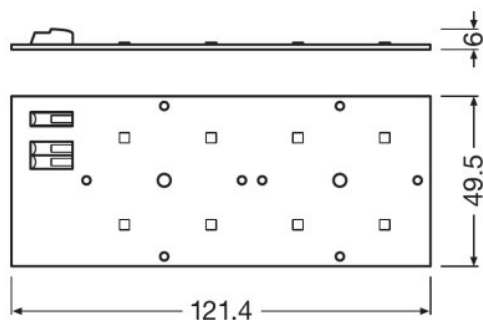
Product description	Capabilities	Certificates & standards		
	Dimmable	Type of protection	Standards	Energy efficiency class
PL-BRICK HP 1900 757 2X4	Yes	IP20	CE/ENEC	D
PL-BRICK HP 2850 757 2X6	Yes	IP20	CE/ENEC	D
PL-BRICK HP 3800 757 2X8		IP20	CE/ENEC	D
PL-BRICK HP 3800 840 2X8		IP20	CE/ENEC	D

Product family datasheet

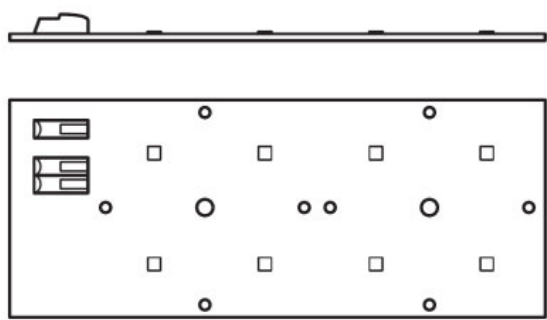
	Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
Product description	Commodity code	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
PL-BRICK HP 1900 757 2X4	85395100000	22-09-2023	4062172169134	No declarable substances contained
PL-BRICK HP 2850 757 2X6	85395100000	14-12-2022	4062172169158	No declarable substances contained
PL-BRICK HP 3800 757 2X8	85395100000	22-09-2023	4062172011068	No declarable substances contained
PL-BRICK HP 3800 840 2X8	85395100000	07-11-2022	4052899576339	No declarable substances contained

Product description	Declaration No. in SCIP database
PL-BRICK HP 1900 757 2X4	No declarable substances contained
PL-BRICK HP 2850 757 2X6	No declarable substances contained
PL-BRICK HP 3800 757 2X8	No declarable substances contained
PL-BRICK HP 3800 840 2X8	No declarable substances contained

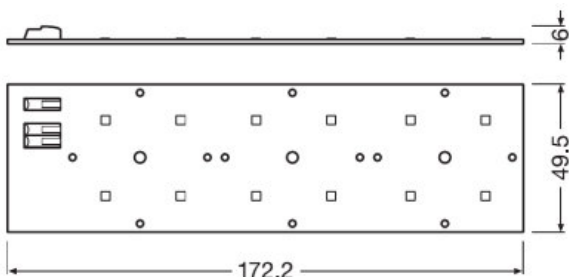
Product family datasheet



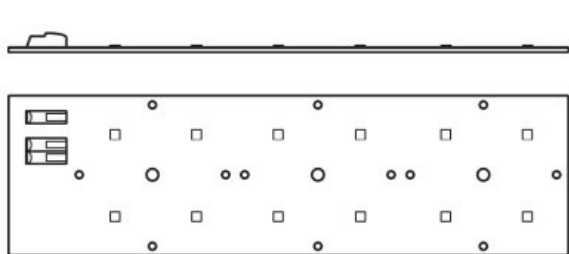
PL-BRICK HP 1900 730 740 840



PL-BRICK HP 1900 730 740 840



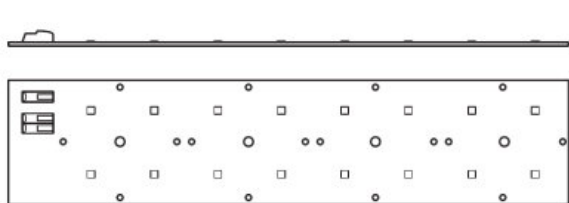
PL-BRICK HP 2850 2X6



PL-BRICK HP 2850 2X6



PL-BRICK HP 3800 730 740 840



PL-BRICK HP 3800 730 740 840

Product family datasheet

Application advice

For more detailed application information and graphics please see product datasheet.

Sales and Technical Support

Sales and Technical Support www.osram.com

Download Data

File	
	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
	Declarations of conformity PL BRICK DA HP CE 3637355 190623
	CAD data PL BRICK HP 2850 CAD DWG 300622
	CAD data PL BRICK HP 2850 CAD STEP 300622
	CAD Data 2-dim PL BRICK HP 2850 CAD 2DIM 300622
	CAD data 3-dim PL BRICK HP 2850 CAD 3DIM 300622
	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
	Certificates PL BRICK BA BAR CLE VDE ENEC 40045382 210723

Product family datasheet

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
4062172169134	PL-BRICK HP 1900 757 2X4	Shipping carton box 120	350 mm x 280 mm x 157 mm	15.39 dm ³	3686.00 g
4062172169158	PL-BRICK HP 2850 757 2X6	Shipping carton box 120	410 mm x 350 mm x 160 mm	22.96 dm ³	5547.00 g
4062172011068	PL-BRICK HP 3800 757 2X8	Shipping carton box 120	485 mm x 350 mm x 160 mm	27.16 dm ³	6706.00 g
4052899576339	PL-BRICK HP 3800 840 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.