

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



Product family datasheet

Technical data

Product description	Electrical data				Photometrical data
	Nominal current	Type of current	Energy consumption in on-mode	On-mode power	Useful luminous flux (Φuse)
PL-BRICK HP 1900 722 2x4 HE	07 A	DC	15.8 kWh/1000h	15.80 W	2400 lm
PL-BRICK HP 1900 727 2x4 HE	07 A	DC	15.8 kWh/1000h	15.80 W	2572 lm
PL-BRICK HP 1900 730 2x4 HE	07 A	DC	15.9 kWh/1000h	15.90 W	2813 lm
PL-BRICK HP 1900 740 2x4 HE	07 A	DC	15.9 kWh/1000h	15.90 W	2934 lm
PL-BRICK HP 1900 757 2x4 HE	07 A	DC	15.9 kWh/1000h	15.90 W	2843 lm
PL-BRICK HP 1900 830 2x4 HE	07 A	DC	16.0 kWh/1000h	16.00 W	2618 lm
PL-BRICK HP 1900 840 2x4 HE	07 A	DC	16.0 kWh/1000h	16.00 W	2708 lm
PL-BRICK HP 2850 722 2x6 HE	07 A	DC	23.7 kWh/1000h	23.70 W	3589 lm
PL-BRICK HP 2850 727 2x6 HE	07 A	DC	23.7 kWh/1000h	23.70 W	3847 lm
PL-BRICK HP 2850 730 2x6 HE	07 A	DC	24.0 kWh/1000h	24.00 W	4209 lm
PL-BRICK HP 2850 740 2x6 HE	07 A	DC	23.9 kWh/1000h	23.90 W	4232 lm
PL-BRICK HP 2850 757 2x6 HE	07 A	DC	24.0 kWh/1000h	24.00 W	4224 lm
PL-BRICK HP 2850 830 2x6 HE	07 A	DC	23.9 kWh/1000h	23.90 W	3934 lm
PL-BRICK HP 2850 840 2x6 HE	07 A	DC	23.9 kWh/1000h	23.90 W	4080 lm
PL-BRICK HP 3800 722 2x8 HE	07 A	DC	31.7 kWh/1000h	31.70 W	4850 lm
PL-BRICK HP 3800 727 2x8 HE	07 A	DC	31.9 kWh/1000h	31.90 W	5185 lm
PL-BRICK HP 3800 730 2x8 HE	07 A	DC	31.9 kWh/1000h	31.90 W	5621 lm
PL-BRICK HP 3800 740 2x8 HE	07 A	DC	31.9 kWh/1000h	31.90 W	5795 lm
PL-BRICK HP 3800 830 2x8 HE	07 A	DC	31.9 kWh/1000h	31.90 W	5245 lm
PL-BRICK HP 3800 840 2x8 HE	07 A	DC	31.9 kWh/1000h	31.90 W	5442 lm

Product description	Colour consistency (McAdam ellipses)	Correlated color temperature CCT	Color rendering index Ra	Light technical data	Dimensions & weight
				Beam angle	Product weight
PL-BRICK HP 1900 722 2x4 HE	5	2200 K	70	0 °	2700 g
PL-BRICK HP 1900 727 2x4 HE	5	2700 K	70	0 °	2700 g
PL-BRICK HP 1900 730 2x4 HE	5	3000 K	70	0 °	2700 g
PL-BRICK HP 1900 740 2x4 HE	5	4000 K	70	0 °	2700 g
PL-BRICK HP 1900 757 2x4 HE	5	5700 K	70	0 °	2700 g
PL-BRICK HP 1900 830 2x4 HE	5	3000 K	80	0 °	2700 g
PL-BRICK HP 1900 840 2x4 HE	5	4000 K	80	0 °	2700 g
PL-BRICK HP 2850 722 2x6 HE	5	2200 K	70	0 °	4000 g
PL-BRICK HP 2850 727 2x6 HE	5	2700 K	70	0 °	4000 g
PL-BRICK HP 2850 730 2x6 HE	5	3000 K	70	0 °	4000 g
PL-BRICK HP 2850 740 2x6 HE	5	4000 K	70	0 °	4000 g
PL-BRICK HP 2850 757 2x6 HE	5	5700 K	70	0 °	4000 g
PL-BRICK HP 2850 830 2x6 HE	5	3000 K	80	0 °	4000 g
PL-BRICK HP 2850 840 2x6 HE	5	4000 K	80	0 °	4000 g
PL-BRICK HP 3800 722 2x8 HE	5	2200 K	70	0 °	5000 g

Product family datasheet

				Light technical data	Dimensions & weight
Product description	Colour consistency (McAdam ellipses)	Correlated color temperature CCT	Color rendering index Ra	Beam angle	Product weight
PL-BRICK HP 3800 727 2x8 HE	5	2700 K	70	0 °	5000 g
PL-BRICK HP 3800 730 2x8 HE	5	3000 K	70	0 °	5000 g
PL-BRICK HP 3800 740 2x8 HE	5	4000 K	70	0 °	5000 g
PL-BRICK HP 3800 830 2x8 HE	5	3000 K	80	0 °	5000 g
PL-BRICK HP 3800 840 2x8 HE	5	4000 K	80	0 °	5000 g

				Temperatures & operating conditions
Product description	Height	Width	Length	Temperature range at storage
PL-BRICK HP 1900 722 2x4 HE	6.0 mm	49.5 mm	121.4 mm	-30...85 °C
PL-BRICK HP 1900 727 2x4 HE	6.0 mm	49.5 mm	121.4 mm	-30...85 °C
PL-BRICK HP 1900 730 2x4 HE	6.0 mm	49.5 mm	121.4 mm	-30...85 °C
PL-BRICK HP 1900 740 2x4 HE	6.0 mm	49.5 mm	121.4 mm	-30...85 °C
PL-BRICK HP 1900 757 2x4 HE	6.0 mm	49.5 mm	121.4 mm	-30...85 °C
PL-BRICK HP 1900 830 2x4 HE	6.0 mm	49.5 mm	121.4 mm	-30...85 °C
PL-BRICK HP 1900 840 2x4 HE	6.0 mm	49.5 mm	121.4 mm	-30...85 °C
PL-BRICK HP 2850 722 2x6 HE	6.0 mm	49.5 mm	172.2 mm	-30...85 °C
PL-BRICK HP 2850 727 2x6 HE	6.0 mm	49.5 mm	172.2 mm	-30...85 °C
PL-BRICK HP 2850 730 2x6 HE	6.0 mm	49.5 mm	172.2 mm	-30...85 °C
PL-BRICK HP 2850 740 2x6 HE	6.0 mm	49.5 mm	172.2 mm	-30...85 °C
PL-BRICK HP 2850 757 2x6 HE	6.0 mm	49.5 mm	172.2 mm	-30...85 °C
PL-BRICK HP 2850 830 2x6 HE	6.0 mm	49.5 mm	172.2 mm	-30...85 °C
PL-BRICK HP 2850 840 2x6 HE	6.0 mm	49.5 mm	172.2 mm	-30...85 °C
PL-BRICK HP 3800 722 2x8 HE	6.0 mm	49.5 mm	223.0 mm	-30...85 °C
PL-BRICK HP 3800 727 2x8 HE	6.0 mm	49.5 mm	223.0 mm	-30...85 °C
PL-BRICK HP 3800 730 2x8 HE	6.0 mm	49.5 mm	223.0 mm	-30...85 °C
PL-BRICK HP 3800 740 2x8 HE	6.0 mm	49.5 mm	223.0 mm	-30...85 °C
PL-BRICK HP 3800 830 2x8 HE	6.0 mm	49.5 mm	223.0 mm	-30...85 °C
PL-BRICK HP 3800 840 2x8 HE	6.0 mm	49.5 mm	223.0 mm	-30...85 °C

	Lifespan	Additional product data	Capabilities	Certificates & standards
Product description	Lumen maintenance factor LMF	Lighting technology used	Dimmable	Type of protection
PL-BRICK HP 1900 722 2x4 HE	96	LED	Yes	IP20
PL-BRICK HP 1900 727 2x4 HE	96	LED	Yes	IP20
PL-BRICK HP 1900 730 2x4 HE	96	LED	Yes	IP20
PL-BRICK HP 1900 740 2x4 HE	96	LED	Yes	IP20
PL-BRICK HP 1900 757 2x4 HE	96	LED	Yes	IP20

Product family datasheet

	Lifespan	Additional product data	Capabilities	Certificates & standards
Product description	Lumen maintenance factor LMF	Lighting technology used	Dimmable	Type of protection
PL-BRICK HP 1900 830 2x4 HE	96	LED	Yes	IP20
PL-BRICK HP 1900 840 2x4 HE	96	LED	Yes	IP20
PL-BRICK HP 2850 722 2x6 HE	96	LED	Yes	IP20
PL-BRICK HP 2850 727 2x6 HE	96	LED	Yes	IP20
PL-BRICK HP 2850 730 2x6 HE	96	LED	Yes	IP20
PL-BRICK HP 2850 740 2x6 HE	96	LED	Yes	IP20
PL-BRICK HP 2850 757 2x6 HE	96	LED	Yes	IP20
PL-BRICK HP 2850 830 2x6 HE	96	LED	Yes	IP20
PL-BRICK HP 2850 840 2x6 HE	96	LED	Yes	IP20
PL-BRICK HP 3800 722 2x8 HE	96	LED	Yes	IP20
PL-BRICK HP 3800 727 2x8 HE	96	LED	Yes	IP20
PL-BRICK HP 3800 730 2x8 HE	96	LED	Yes	IP20
PL-BRICK HP 3800 740 2x8 HE	96	LED	Yes	IP20
PL-BRICK HP 3800 830 2x8 HE	96	LED	Yes	IP20
PL-BRICK HP 3800 840 2x8 HE	96	LED	Yes	IP20

			Logistical data
Product description	Standards	Energy efficiency class	Commodity code
PL-BRICK HP 1900 722 2x4 HE	CE/ENEC	D	85395100000
PL-BRICK HP 1900 727 2x4 HE	CE/ENEC	D	85395100000
PL-BRICK HP 1900 730 2x4 HE	CE/ENEC	C	85395100000
PL-BRICK HP 1900 740 2x4 HE	CE/ENEC	C	85395100000
PL-BRICK HP 1900 757 2x4 HE	CE/ENEC	C	85395100000
PL-BRICK HP 1900 830 2x4 HE	CE/ENEC	D	85395100000
PL-BRICK HP 1900 840 2x4 HE	CE/ENEC	D	85395100000
PL-BRICK HP 2850 722 2x6 HE	CE/ENEC	D	85395100000
PL-BRICK HP 2850 727 2x6 HE	CE/ENEC	D	85395100000
PL-BRICK HP 2850 730 2x6 HE	CE/ENEC	C	85395100000
PL-BRICK HP 2850 740 2x6 HE	CE/ENEC	C	85395100000
PL-BRICK HP 2850 757 2x6 HE	CE/ENEC	C	85395100000
PL-BRICK HP 2850 830 2x6 HE	CE/ENEC	D	85395100000
PL-BRICK HP 2850 840 2x6 HE	CE/ENEC	D	85395100000
PL-BRICK HP 3800 722 2x8 HE	CE/ENEC	D	85395100000
PL-BRICK HP 3800 727 2x8 HE	CE/ENEC	D	85395100000
PL-BRICK HP 3800 730 2x8 HE	CE/ENEC	C	85395100000
PL-BRICK HP 3800 740 2x8 HE	CE/ENEC	C	85395100000
PL-BRICK HP 3800 830 2x8 HE	CE/ENEC	D	85395100000
PL-BRICK HP 3800 840 2x8 HE	CE/ENEC	D	85395100000

Product family datasheet

Product description	Environmental information			
	Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database
PL-BRICK HP 1900 722 2x4 HE	21-08-2023	4062172298575	No declarable substances contained	No declarable substances contained
PL-BRICK HP 1900 727 2x4 HE	21-08-2023	4062172298599	No declarable substances contained	No declarable substances contained
PL-BRICK HP 1900 730 2x4 HE	21-08-2023	4062172293808	No declarable substances contained	No declarable substances contained
PL-BRICK HP 1900 740 2x4 HE	21-08-2023	4062172293822	No declarable substances contained	No declarable substances contained
PL-BRICK HP 1900 757 2x4 HE	21-08-2023	4062172298612	No declarable substances contained	No declarable substances contained
PL-BRICK HP 1900 830 2x4 HE	21-08-2023	4062172299664	No declarable substances contained	No declarable substances contained
PL-BRICK HP 1900 840 2x4 HE	21-08-2023	4062172299688	No declarable substances contained	No declarable substances contained
PL-BRICK HP 2850 722 2x6 HE	21-08-2023	4062172298636	No declarable substances contained	No declarable substances contained
PL-BRICK HP 2850 727 2x6 HE	21-08-2023	4062172298650	No declarable substances contained	No declarable substances contained
PL-BRICK HP 2850 730 2x6 HE	21-08-2023	4062172293860	No declarable substances contained	No declarable substances contained
PL-BRICK HP 2850 740 2x6 HE	21-08-2023	4062172293884	No declarable substances contained	No declarable substances contained
PL-BRICK HP 2850 757 2x6 HE	21-08-2023	4062172298674	No declarable substances contained	No declarable substances contained
PL-BRICK HP 2850 830 2x6 HE	21-08-2023	4062172299701	No declarable substances contained	No declarable substances contained
PL-BRICK HP 2850 840 2x6 HE	21-08-2023	4062172299725	No declarable substances contained	No declarable substances contained
PL-BRICK HP 3800 722 2x8 HE	21-08-2023	4062172298698	No declarable substances contained	No declarable substances contained
PL-BRICK HP 3800 727 2x8 HE	21-08-2023	4062172298711	No declarable substances contained	No declarable substances contained
PL-BRICK HP 3800 730 2x8 HE	21-08-2023	4062172293907	No declarable substances contained	No declarable substances contained
PL-BRICK HP 3800 740 2x8 HE	21-08-2023	4062172293921	No declarable substances contained	No declarable substances contained
PL-BRICK HP 3800 830 2x8 HE	21-08-2023	4062172299749	No declarable substances contained	No declarable substances contained
PL-BRICK HP 3800 840 2x8 HE	21-08-2023	4062172299763	No declarable substances contained	No declarable substances contained

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	
	Certificates 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
4062172298575	PL-BRICK HP 1900 722 2x4 HE	Shipping carton box 120	350 mm x 280 mm x 157 mm	15.39 dm ³	3686.00 g
4062172298599	PL-BRICK HP 1900 727 2x4 HE	Shipping carton box 120	350 mm x 280 mm x 157 mm	15.39 dm ³	3686.00 g
4062172293808	PL-BRICK HP 1900 730 2x4 HE	Shipping carton box 120	350 mm x 280 mm x 157 mm	15.39 dm ³	3686.00 g
4062172293822	PL-BRICK HP 1900 740 2x4 HE	Shipping carton box 120	350 mm x 280 mm x 157 mm	15.39 dm ³	3686.00 g
4062172298612	PL-BRICK HP 1900 757 2x4 HE	Shipping carton box 120	350 mm x 280 mm x 157 mm	15.39 dm ³	3686.00 g
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
4062172299688	PL-BRICK HP 1900 840 2x4 HE	Shipping carton box 120	350 mm x 280 mm x 157 mm	15.39 dm ³	3686.00 g

Product family datasheet

Logistical Data

4062172298636	PL-BRICK HP 2850 722 2x6 HE	Shipping carton box 120	410 mm x 350 mm x 160 mm	22.96 dm ³	5547.00 g
4062172298650	PL-BRICK HP 2850 727 2x6 HE	Shipping carton box 120	410 mm x 350 mm x 160 mm	22.96 dm ³	5547.00 g
4062172293860	PL-BRICK HP 2850 730 2x6 HE	Shipping carton box 120	410 mm x 350 mm x 160 mm	22.96 dm ³	5547.00 g
4062172293884	PL-BRICK HP 2850 740 2x6 HE	Shipping carton box 120	410 mm x 350 mm x 160 mm	22.96 dm ³	5547.00 g
4062172298674	PL-BRICK HP 2850 757 2x6 HE	Shipping carton box 120	410 mm x 350 mm x 160 mm	22.96 dm ³	5547.00 g
4062172299701	PL-BRICK HP 2850 830 2x6 HE	Shipping carton box 120	410 mm x 350 mm x 160 mm	22.96 dm ³	5547.00 g
4062172299725	PL-BRICK HP 2850 840 2x6 HE	Shipping carton box 120	410 mm x 350 mm x 160 mm	22.96 dm ³	5547.00 g
4062172298698	PL-BRICK HP 3800 722 2x8 HE	Shipping carton box 120	485 mm x 350 mm x 160 mm	27.16 dm ³	6706.00 g
4062172298711	PL-BRICK HP 3800 727 2x8 HE	Shipping carton box 120	485 mm x 350 mm x 160 mm	27.16 dm ³	6706.00 g
4062172293907	PL-BRICK HP 3800 730 2x8 HE	Shipping carton box 120	485 mm x 350 mm x 160 mm	27.16 dm ³	6706.00 g
4062172293921	PL-BRICK HP 3800 740 2x8 HE	Shipping carton box 120	485 mm x 350 mm x 160 mm	27.16 dm ³	6706.00 g
4062172299749	PL-BRICK HP 3800 830 2x8 HE	Shipping carton box 120	485 mm x 350 mm x 160 mm	27.16 dm ³	6706.00 g
4062172299763	PL-BRICK HP 3800 840 2x8 HE	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.