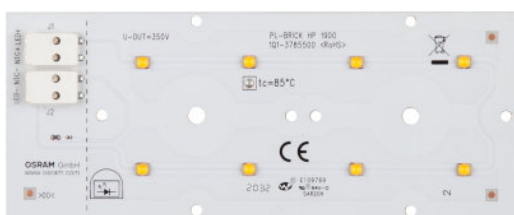


PrevaLED BRICK HP Z2

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 and 4000 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-Z2 1900 722 2X4	0.7 A	DC	16.0 kWh/1000h	16.00 W	133 lm/W
PL-BRICK HP-Z2 1900 727 2X4	0.7 A	DC	16.0 kWh/1000h	16.00 W	148 lm/W
PL-BRICK HP-Z2 1900 730 2X4	0.7 A	DC	16.0 kWh/1000h	16.00 W	163 lm/W
PL-BRICK HP-Z2 1900 740 2X4	0.7 A	DC	16.0 kWh/1000h	16.00 W	173 lm/W
PL-BRICK HP-Z2 1900 830 2X4	0.7 A	DC	16.2 kWh/1000h	16.20 W	146 lm/W
PL-BRICK HP-Z2 2850 722 2X6	0.7 A	DC	24.0 kWh/1000h	24.00 W	133 lm/W
PL-BRICK HP-Z2 2850 727 2X6	0.7 A	DC	24.1 kWh/1000h	24.10 W	148 lm/W
PL-BRICK HP-Z2 2850 730 2X6	0.7 A	DC	23.9 kWh/1000h	23.9 W	163 lm/W
PL-BRICK HP-Z2 2850 740 2X6	0.7 A	DC	24.0 kWh/1000h	24.00 W	173 lm/W
PL-BRICK HP-Z2 2850 830 2X6	0.7 A	DC	24.3 kWh/1000h	24.30 W	146 lm/W
PL-BRICK HP-Z2 3800 722 2X8	0.7 A	DC	32.1 kWh/1000h	32.10 W	133 lm/W
PL-BRICK HP-Z2 3800 727 2X8	0.7 A	DC	32.1 kWh/1000h	32.10 W	148 lm/W
PL-BRICK HP-Z2 3800 730 2X8	0.7 A	DC	31.9 kWh/1000h	31.90 W	163 lm/W
PL-BRICK HP-Z2 3800 740 2X8	0.7 A	DC	32.0 kWh/1000h	32.00 W	173 lm/W
PL-BRICK HP-Z2 3800 830 2X8	0.7 A	DC	32.3 kWh/1000h	32.30 W	146 lm/W

Product description	Colour consistency (McAdam ellipses)	Color rendering index Ra	Useful luminous flux (Φuse)	Correlated color temperature CCT	Light technical data
					Beam angle
PL-BRICK HP-Z2 1900 722 2X4	5	70	2036 lm	2200 K	0 °
PL-BRICK HP-Z2 1900 727 2X4	5	70	2350 lm	2700 K	0 °
PL-BRICK HP-Z2 1900 730 2X4	5	70	2506 lm	3000 K	0 °
PL-BRICK HP-Z2 1900 740 2X4	5	70	2663 lm	4000 K	0 °
PL-BRICK HP-Z2 1900 830 2X4	3	82	2190 lm	3000 K	120 °
PL-BRICK HP-Z2 2850 722 2X6	5	70	3054 lm	2200 K	0 °
PL-BRICK HP-Z2 2850 727 2X6	5	70	3524 lm	2700 K	0 °
PL-BRICK HP-Z2 2850 730 2X6	5	>70	3759 lm	3000 K	0 °
PL-BRICK HP-Z2 2850 740 2X6	5	70	3994 lm	4000 K	0 °
PL-BRICK HP-Z2 2850 830 2X6	3	82	3268 lm	3000 K	120 °
PL-BRICK HP-Z2 3800 722 2X8	5	70	4073 lm	2200 K	0 °
PL-BRICK HP-Z2 3800 727 2X8	5	70	4699 lm	2700 K	0 °
PL-BRICK HP-Z2 3800 730 2X8	5	70	5002 lm	3000 K	0 °
PL-BRICK HP-Z2 3800 740 2X8	5	70	5306 lm	4000 K	0 °
PL-BRICK HP-Z2 3800 830 2X8	3	82	4386 lm	3000 K	120 °

Product family datasheet

Product description	LED module information	Dimensions & weight			
	Number of LEDs per module	Product weight	Height	Width	Length
PL-BRICK HP-Z2 1900 722 2X4	8	27.00 g	8.0 mm	50.0 mm	121.0 mm
PL-BRICK HP-Z2 1900 727 2X4	8	27.00 g	8.0 mm	50.0 mm	121.0 mm
PL-BRICK HP-Z2 1900 730 2X4	8	27.00 g	8.0 mm	50.0 mm	121.0 mm
PL-BRICK HP-Z2 1900 740 2X4	8	27.00 g	8.0 mm	50.0 mm	121.0 mm
PL-BRICK HP-Z2 1900 830 2X4	8	27.00 g	6.0 mm	50.0 mm	121.0 mm
PL-BRICK HP-Z2 2850 722 2X6	12	40.00 g	8.0 mm	50.0 mm	172.0 mm
PL-BRICK HP-Z2 2850 727 2X6	12	40.00 g	8.0 mm	50.0 mm	172.0 mm
PL-BRICK HP-Z2 2850 730 2X6	12	40.00 g	8 mm	50 mm	172 mm
PL-BRICK HP-Z2 2850 740 2X6	12	40.00 g	8.0 mm	50.0 mm	172.0 mm
PL-BRICK HP-Z2 2850 830 2X6	12	40.00 g	6.0 mm	50.0 mm	172.0 mm
PL-BRICK HP-Z2 3800 722 2X8	16	50.00 g	8.0 mm	50.0 mm	224.0 mm
PL-BRICK HP-Z2 3800 727 2X8	16	50.00 g	8.0 mm	50.0 mm	224.0 mm
PL-BRICK HP-Z2 3800 730 2X8	16	50.00 g	8.0 mm	50.0 mm	224.0 mm
PL-BRICK HP-Z2 3800 740 2X8	16	50.00 g	8.0 mm	50.0 mm	224.0 mm
PL-BRICK HP-Z2 3800 830 2X8	16	50.00 g	6.0 mm	50.0 mm	223.0 mm

Product description	Temperatures & operating conditions	Lifespan	Additional product data	Capabilities
	Temperature range at storage	Lumen maintenance factor LMF	Lighting technology used	Dimmable
PL-BRICK HP-Z2 1900 722 2X4	-30...85 °C	96	LED	Yes
PL-BRICK HP-Z2 1900 727 2X4	-30...85 °C	96	LED	Yes
PL-BRICK HP-Z2 1900 730 2X4	-30...85 °C	96	LED	Yes
PL-BRICK HP-Z2 1900 740 2X4	-30...85 °C	96	LED	Yes
PL-BRICK HP-Z2 1900 830 2X4	-30...85 °C	96	LED	Yes
PL-BRICK HP-Z2 2850 722 2X6	-30...85 °C	96	LED	Yes
PL-BRICK HP-Z2 2850 727 2X6	-30...85 °C	96	LED	Yes
PL-BRICK HP-Z2 2850 730 2X6	-30...85 °C	96	LED	Yes
PL-BRICK HP-Z2 2850 740 2X6	-30...85 °C	96	LED	Yes
PL-BRICK HP-Z2 2850 830 2X6	-30...85 °C	96	LED	Yes
PL-BRICK HP-Z2 3800 722 2X8	-30...85 °C	96	LED	Yes
PL-BRICK HP-Z2 3800 727 2X8	-30...85 °C	96	LED	Yes
PL-BRICK HP-Z2 3800 730 2X8	-30...85 °C	96	LED	Yes
PL-BRICK HP-Z2 3800 740 2X8	-30...85 °C	96	LED	Yes
PL-BRICK HP-Z2 3800 830 2X8	-30...85 °C	96	LED	Yes

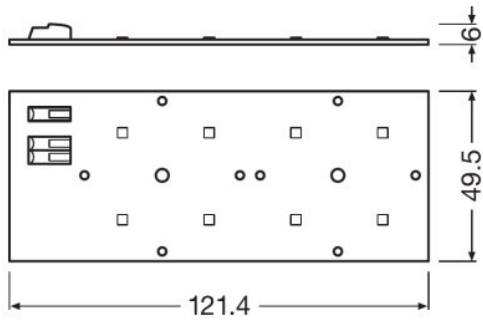
Product description	Certificates & standards			Logistical data
	Type of protection	Standards	Energy efficiency class	Commodity code
PL-BRICK HP-Z2 1900 722 2X4	IP20	CE/ENEC	E	85395100000
PL-BRICK HP-Z2 1900 727 2X4	IP20	CE/ENEC	D	85395100000
PL-BRICK HP-Z2 1900 730 2X4	IP20	CE/ENEC	D	85395100000
PL-BRICK HP-Z2 1900 740 2X4	IP20	CE/ENEC	D	85395100000

Product family datasheet

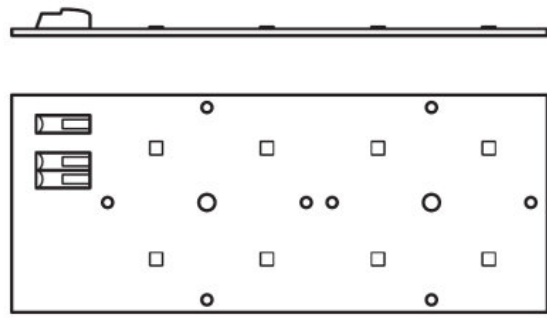
Product description	Certificates & standards			Logistical data
	Type of protection	Standards	Energy efficiency class	Commodity code
PL-BRICK HP-Z2 1900 830 2X4	IP20	CE/ENEC	E	85395100000
PL-BRICK HP-Z2 2850 722 2X6	IP20	CE/ENEC	E	85395100000
PL-BRICK HP-Z2 2850 727 2X6	IP20	CE/ENEC	D	85395100000
PL-BRICK HP-Z2 2850 730 2X6	IP20	CE/ENEC	D	85395100000
PL-BRICK HP-Z2 2850 740 2X6	IP20	CE/ENEC	D	85395100000
PL-BRICK HP-Z2 2850 830 2X6	IP20	CE/ENEC	E	85395100000
PL-BRICK HP-Z2 3800 722 2X8	IP20	CE/ENEC	E	85395100000
PL-BRICK HP-Z2 3800 727 2X8	IP20	CE/ENEC	D	85395100000
PL-BRICK HP-Z2 3800 730 2X8	IP20	CE/ENEC	D	85395100000
PL-BRICK HP-Z2 3800 740 2X8	IP20	CE/ENEC	D	85395100000
PL-BRICK HP-Z2 3800 830 2X8	IP20	CE/ENEC	E	85395100000

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-Z2 1900 722 2X4	23-06-2023	4062172064330	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 1900 727 2X4	23-06-2023	4062172064354	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 1900 730 2X4	23-06-2023	4062172064392	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 1900 740 2X4	23-06-2023	4062172064439	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 1900 830 2X4	23-06-2023	4062172179508	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 2850 722 2X6	23-06-2023	4062172064453	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 2850 727 2X6	23-06-2023	4062172064477	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 2850 730 2X6	23-06-2023	4062172064491	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 2850 740 2X6	23-06-2023	4062172064514	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 2850 830 2X6	23-06-2023	4062172179522	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 3800 722 2X8	23-06-2023	4062172064538	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 3800 727 2X8	23-06-2023	4062172064552	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 3800 730 2X8	23-06-2023	4062172064576	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 3800 740 2X8	23-06-2023	4062172064590	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 3800 830 2X8	23-06-2023	4062172179546	No declarable substances contained	No declarable substances contained

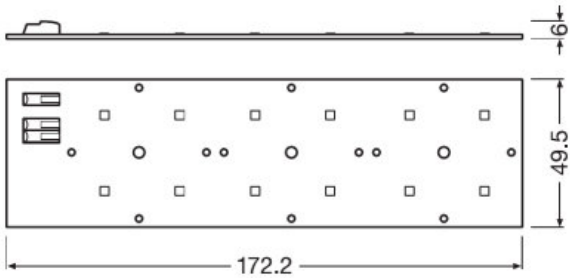
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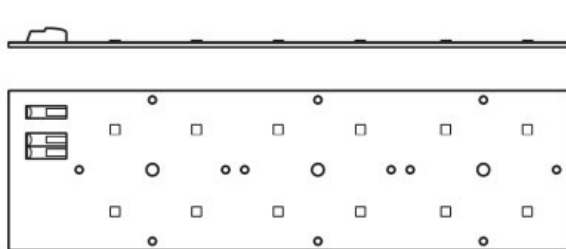
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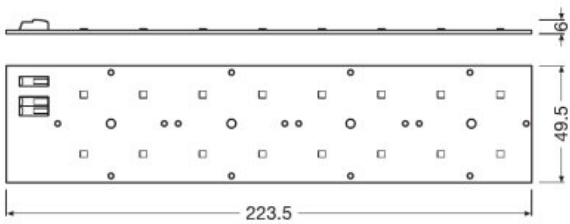
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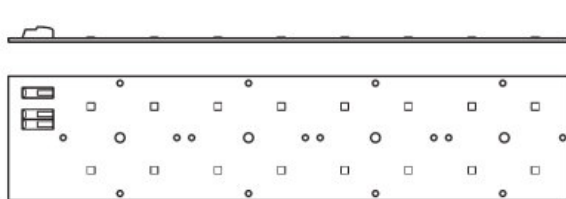
PL-BRICK HP 2850 2X6



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
 Certificates PL BRICK BA BAR CLE VDE ENEC 40045382 210723
 Product Datasheet BRICK HP DS 201020

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
4062172064330	PL-BRICK HP-Z2 1900 722 2X4	Shipping carton box 120	350 mm x 280 mm x 157 mm	15.39 dm ³	3686.00 g
4062172064354	PL-BRICK HP-Z2 1900 727 2X4	Shipping carton box 120	350 mm x 280 mm x 157 mm	15.39 dm ³	3686.00 g
4062172064392	PL-BRICK HP-Z2 1900 730 2X4	Shipping carton box 120	350 mm x 280 mm x 157 mm	15.39 dm ³	3686.00 g
4062172064439	PL-BRICK HP-Z2 1900 740 2X4	Shipping carton box 120	350 mm x 280 mm x 157 mm	15.39 dm ³	3686.00 g
4062172179508	PL-BRICK HP-Z2 1900 830 2X4	Shipping carton box 120	350 mm x 280 mm x 157 mm	15.39 dm ³	3686.00 g
4062172064453	PL-BRICK HP-Z2 2850 722 2X6	Shipping carton box 120	410 mm x 350 mm x 160 mm	22.96 dm ³	5547.00 g

Product family datasheet

Logistical Data

4062172064477	PL-BRICK HP-Z2 2850 727 2X6	Shipping carton box 120	410 mm x 350 mm x 160 mm	22.96 dm ³	5547.00 g
4062172064491	PL-BRICK HP-Z2 2850 730 2X6	Shipping carton box 120	410 mm x 350 mm x 160 mm	22.96 dm ³	5547.00 g
4062172064514	PL-BRICK HP-Z2 2850 740 2X6	Shipping carton box 120	410 mm x 350 mm x 160 mm	22.96 dm ³	5547.00 g
4062172179522	PL-BRICK HP-Z2 2850 830 2X6	Shipping carton box 120	410 mm x 350 mm x 160 mm	22.96 dm ³	5547.00 g
4062172064538	PL-BRICK HP-Z2 3800 722 2X8	Shipping carton box 120	485 mm x 350 mm x 160 mm	27.16 dm ³	6706.00 g
4062172064552	PL-BRICK HP-Z2 3800 727 2X8	Shipping carton box 120	485 mm x 350 mm x 160 mm	27.16 dm ³	6706.00 g
4062172064576	PL-BRICK HP-Z2 3800 730 2X8	Shipping carton box 120	485 mm x 350 mm x 160 mm	27.16 dm ³	6706.00 g
4062172064590	PL-BRICK HP-Z2 3800 740 2X8	Shipping carton box 120	485 mm x 350 mm x 160 mm	27.16 dm ³	6706.00 g
4062172179546	PL-BRICK HP-Z2 3800 830 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.