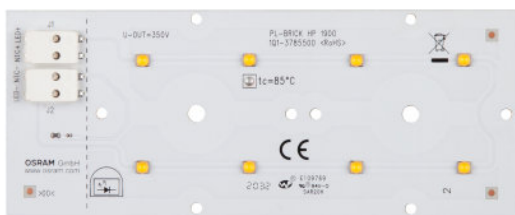


PrevaLED BRICK HP Z2 SSG

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	On-mode power	Energy consumption in on-mode	Luminous efficacy
PL-BRICK HP-Z2 1000 722 2X2 SSG	0.7 A	DC	8.10 W	8.1 kWh/1000h	133 lm/W
PL-BRICK HP-Z2 1000 727 2X2 SSG	0.7 A	DC	8.20 W	8.2 kWh/1000h	148 lm/W
PL-BRICK HP-Z2 1000 730 2X2 SSG	0.7 A	DC	8.20 W	8.2 kWh/1000h	163 lm/W
PL-BRICK HP-Z2 1000 740 2X2 SSG	0.7 A	DC	8.10 W	8.1 kWh/1000h	173 lm/W
PL-BRICK HP-Z2 1000 830 2X2 SSG	0.7 A	DC	8.10 W	8.1 kWh/1000h	146 lm/W
PL-BRICK HP-Z2 1900 722 2X4 SSG	0.7 A	DC	16.20 W	16.2 kWh/1000h	133 lm/W
PL-BRICK HP-Z2 1900 727 2X4 SSG	0.7 A	DC	16.30 W	16.3 kWh/1000h	148 lm/W
PL-BRICK HP-Z2 1900 730 2X4 SSG	0.7 A	DC	16.20 W	16.2 kWh/1000h	163 lm/W
PL-BRICK HP-Z2 1900 740 2X4 SSG	0.7 A	DC	16.20 W	16.2 kWh/1000h	173 lm/W
PL-BRICK HP-Z2 1900 830 2X4 SSG	0.7 A	DC	16.30 W	16.3 kWh/1000h	146 lm/W
PL-BRICK HP-Z2 2850 722 2X6 SSG	0.7 A	DC	24.20 W	24.2 kWh/1000h	133 lm/W
PL-BRICK HP-Z2 2850 727 2X6 SSG	0.7 A	DC	24.30 W	24.3 kWh/1000h	148 lm/W
PL-BRICK HP-Z2 2850 730 2X6 SSG	0.7 A	DC	24.50 W	24.5 kWh/1000h	163 lm/W
PL-BRICK HP-Z2 2850 740 2X6 SSG	0.7 A	DC	24.20 W	24.2 kWh/1000h	173 lm/W
PL-BRICK HP-Z2 2850-830 2X6 SSG	0.7 A	DC	24.30 W	24.3 kWh/1000h	146 lm/W
PL-BRICK HP-Z2 3800 722 2X8 SSG	0.7 A	DC	32.30 W	32.3 kWh/1000h	133 lm/W
PL-BRICK HP-Z2 3800 727 2X8 SSG	0.7 A	DC	32.50 W	32.5 kWh/1000h	148 lm/W
PL-BRICK HP-Z2 3800 730 2X8 SSG	0.7 A	DC	32.60 W	32.6 kWh/1000h	163 lm/W
PL-BRICK HP-Z2 3800 740 2X8 SSG	0.7 A	DC	32.30 W	32.3 kWh/1000h	173 lm/W
PL-BRICK HP-Z2 3800 830 2X8 SSG	0.7 A	DC	32.30 W	32.3 kWh/1000h	146 lm/W

Product description	Useful luminous flux (Φuse)	Colour consistency (McAdam ellipses)	Correlated color temperature CCT	Color rendering index Ra	Light technical data
					Beam angle
PL-BRICK HP-Z2 1000 722 2X2 SSG	1026 lm	5	2200 K	70	0 °
PL-BRICK HP-Z2 1000 727 2X2 SSG	1105 lm	5	2700 K	70	0 °
PL-BRICK HP-Z2 1000 730 2X2 SSG	1238 lm	5	3000 K	70	0 °
PL-BRICK HP-Z2 1000 740 2X2 SSG	1335 lm	5	4000 K	70	0 °
PL-BRICK HP-Z2 1000 830 2X2 SSG	1105 lm	5	3000 K	80	0 °
PL-BRICK HP-Z2 1900 722 2X4 SSG	2052 lm	5	2200 K	70	0 °
PL-BRICK HP-Z2 1900 727 2X4 SSG	2209 lm	5	2700 K	70	0 °
PL-BRICK HP-Z2 1900 730 2X4 SSG	2427 lm	5	3000 K	70	0 °
PL-BRICK HP-Z2 1900 740 2X4 SSG	2570 lm	5	4000 K	70	0 °
PL-BRICK HP-Z2 1900 830 2X4 SSG	2209 lm	5	3000 K	80	0 °
PL-BRICK HP-Z2 2850 722 2X6 SSG	3077 lm	5	2200 K	70	0 °
PL-BRICK HP-Z2 2850 727 2X6 SSG	3314 lm	5	2700 K	70	0 °
PL-BRICK HP-Z2 2850 730 2X6 SSG	3629 lm	5	3000 K	70	0 °
PL-BRICK HP-Z2 2850 740 2X6 SSG	3881 lm	5	4000 K	70	0 °

Product family datasheet

Product description	Useful luminous flux (Φuse)	Colour consistency (McAdam ellipses)	Correlated color temperature CCT	Color rendering index Ra	Light technical data
					Beam angle
PL-BRICK HP-Z2 2850-830 2X6 SSG	3314 lm	5	3000 K	80	0 °
PL-BRICK HP-Z2 3800 722 2X8 SSG	4103 lm	5	2200 K	70	0 °
PL-BRICK HP-Z2 3800 727 2X8 SSG	4419 lm	5	2700 K	70	0 °
PL-BRICK HP-Z2 3800 730 2X8 SSG	4794 lm	5	3000 K	70	0 °
PL-BRICK HP-Z2 3800 740 2X8 SSG	5105 lm	5	4000 K	70	0 °
PL-BRICK HP-Z2 3800 830 2X8 SSG	4419 lm	5	3000 K	80	0 °

Product description	Dimensions & weight			Temperatures & operating conditions	Lifespan
	Product weight	Width	Length	Temperature range at storage	Lumen maintenance factor LMF
PL-BRICK HP-Z2 1000 722 2X2 SSG	15.00 g	49.5 mm	70.6 mm	-30...85 °C	96
PL-BRICK HP-Z2 1000 727 2X2 SSG	15.00 g	49.5 mm	70.6 mm	-30...85 °C	96
PL-BRICK HP-Z2 1000 730 2X2 SSG	15.00 g	49.5 mm	70.6 mm	-30...85 °C	96
PL-BRICK HP-Z2 1000 740 2X2 SSG	15.00 g	49.5 mm	70.6 mm	-30...85 °C	96
PL-BRICK HP-Z2 1000 830 2X2 SSG	15.00 g	49.5 mm	70.6 mm	-30...85 °C	96
PL-BRICK HP-Z2 1900 722 2X4 SSG	27.00 g	49.5 mm	121.4 mm	-30...85 °C	96
PL-BRICK HP-Z2 1900 727 2X4 SSG	27.00 g	49.5 mm	121.4 mm	-30...85 °C	96
PL-BRICK HP-Z2 1900 730 2X4 SSG	27.00 g	49.5 mm	121.4 mm	-30...85 °C	96
PL-BRICK HP-Z2 1900 740 2X4 SSG	27.00 g	49.5 mm	121.4 mm	-30...85 °C	96
PL-BRICK HP-Z2 1900 830 2X4 SSG	27.00 g	49.5 mm	121.4 mm	-30...85 °C	96
PL-BRICK HP-Z2 2850 722 2X6 SSG	40.00 g	49.5 mm	172.2 mm	-30...85 °C	96
PL-BRICK HP-Z2 2850 727 2X6 SSG	40.00 g	49.5 mm	172.2 mm	-30...85 °C	96
PL-BRICK HP-Z2 2850 730 2X6 SSG	40.00 g	49.5 mm	172.2 mm	-30...85 °C	96
PL-BRICK HP-Z2 2850 740 2X6 SSG	40.00 g	49.5 mm	172.2 mm	-30...85 °C	96
PL-BRICK HP-Z2 2850-830 2X6 SSG	40.00 g	49.5 mm	172.2 mm	-30...85 °C	96
PL-BRICK HP-Z2 3800 722 2X8 SSG	50.00 g	49.5 mm	223.0 mm	-30...85 °C	96
PL-BRICK HP-Z2 3800 727 2X8 SSG	50.00 g	49.5 mm	223.0 mm	-30...85 °C	96
PL-BRICK HP-Z2 3800 730 2X8 SSG	50.00 g	49.5 mm	223.0 mm	-30...85 °C	96
PL-BRICK HP-Z2 3800 740 2X8 SSG	50.00 g	49.5 mm	223.0 mm	-30...85 °C	96
PL-BRICK HP-Z2 3800 830 2X8 SSG	50.00 g	49.5 mm	223.0 mm	-30...85 °C	96

Product description	Additional product data	Capabilities	Certificates & standards	
	Lighting technology used	Dimmable	Type of protection	Standards
PL-BRICK HP-Z2 1000 722 2X2 SSG	LED	Yes	IP20	CE/ENEC
PL-BRICK HP-Z2 1000 727 2X2 SSG	LED	Yes	IP20	CE/ENEC
PL-BRICK HP-Z2 1000 730 2X2 SSG	LED	Yes	IP20	CE/ENEC
PL-BRICK HP-Z2 1000 740 2X2 SSG	LED	Yes	IP20	CE/ENEC

Product family datasheet

Product description	Additional product data	Capabilities	Certificates & standards	
	Lighting technology used	Dimmable	Type of protection	Standards
PL-BRICK HP-Z2 1000 830 2X2 SSG	LED	Yes	IP20	CE/ENEC
PL-BRICK HP-Z2 1900 722 2X4 SSG	LED	Yes		CE/ENEC
PL-BRICK HP-Z2 1900 727 2X4 SSG	LED	Yes		CE/ENEC
PL-BRICK HP-Z2 1900 730 2X4 SSG	LED	Yes		CE/ENEC
PL-BRICK HP-Z2 1900 740 2X4 SSG	LED	Yes		CE/ENEC
PL-BRICK HP-Z2 1900 830 2X4 SSG	LED	Yes		CE/ENEC
PL-BRICK HP-Z2 2850 722 2X6 SSG	LED	Yes		CE/ENEC
PL-BRICK HP-Z2 2850 727 2X6 SSG	LED	Yes		CE/ENEC
PL-BRICK HP-Z2 2850 730 2X6 SSG	LED	Yes		CE/ENEC
PL-BRICK HP-Z2 2850 740 2X6 SSG	LED	Yes		CE/ENEC
PL-BRICK HP-Z2 2850-830 2X6 SSG	LED	Yes		CE/ENEC
PL-BRICK HP-Z2 3800 722 2X8 SSG	LED	Yes		CE/ENEC
PL-BRICK HP-Z2 3800 727 2X8 SSG	LED	Yes		CE/ENEC
PL-BRICK HP-Z2 3800 730 2X8 SSG	LED	Yes		CE/ENEC
PL-BRICK HP-Z2 3800 740 2X8 SSG	LED	Yes		CE/ENEC
PL-BRICK HP-Z2 3800 830 2X8 SSG	LED	Yes		CE/ENEC

Product description	Energy efficiency class	Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
		Commodity code	Date of Declaration	Primary Article Identifier
PL-BRICK HP-Z2 1000 722 2X2 SSG	E	85395100000	20-12-2022	4062172255929
PL-BRICK HP-Z2 1000 727 2X2 SSG	E	85395100000	20-12-2022	4062172255943
PL-BRICK HP-Z2 1000 730 2X2 SSG	D	85395100000	20-12-2022	4062172255967
PL-BRICK HP-Z2 1000 740 2X2 SSG	D	85395100000	20-12-2022	4062172255981
PL-BRICK HP-Z2 1000 830 2X2 SSG	E	85395100000	20-12-2022	4062172256001
PL-BRICK HP-Z2 1900 722 2X4 SSG	E	85395100000	20-12-2022	4062172255622
PL-BRICK HP-Z2 1900 727 2X4 SSG	E	85395100000	20-12-2022	4062172255646
PL-BRICK HP-Z2 1900 730 2X4 SSG	D	85395100000	20-12-2022	4062172255660
PL-BRICK HP-Z2 1900 740 2X4 SSG	D	85395100000	20-12-2022	4062172255684
PL-BRICK HP-Z2 1900 830 2X4 SSG	E	85395100000	20-12-2022	4062172255707
PL-BRICK HP-Z2 2850 722 2X6 SSG	E	85395100000	20-12-2022	4062172255721
PL-BRICK HP-Z2 2850 727 2X6 SSG	E	85395100000	20-12-2022	4062172255745
PL-BRICK HP-Z2 2850 730 2X6 SSG	D	85395100000	20-12-2022	4062172255769
PL-BRICK HP-Z2 2850 740 2X6 SSG	D	85395100000	20-12-2022	4062172255783
PL-BRICK HP-Z2 2850-830 2X6 SSG	E	85395100000	20-12-2022	4062172255806
PL-BRICK HP-Z2 3800 722 2X8 SSG	E	85395100000	20-12-2022	4062172255820
PL-BRICK HP-Z2 3800 727 2X8 SSG	E	85395100000	20-12-2022	4062172255844
PL-BRICK HP-Z2 3800 730 2X8 SSG	D	85395100000	20-12-2022	4062172255868
PL-BRICK HP-Z2 3800 740 2X8 SSG	D	85395100000	20-12-2022	4062172255882
PL-BRICK HP-Z2 3800 830 2X8 SSG	E	85395100000	20-12-2022	4062172255905

Product family datasheet

Product description	Candidate List Substance 1	Declaration No. in SCIP database
PL-BRICK HP-Z2 1000 722 2X2 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 1000 727 2X2 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 1000 730 2X2 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 1000 740 2X2 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 1000 830 2X2 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 1900 722 2X4 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 1900 727 2X4 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 1900 730 2X4 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 1900 740 2X4 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 1900 830 2X4 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 2850 722 2X6 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 2850 727 2X6 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 2850 730 2X6 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 2850 740 2X6 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 2850-830 2X6 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 3800 722 2X8 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 3800 727 2X8 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 3800 730 2X8 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 3800 740 2X8 SSG	No declarable substances contained	No declarable substances contained
PL-BRICK HP-Z2 3800 830 2X8 SSG	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

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
4062172255929	PL-BRICK HP-Z2 1000 722 2X2 SSG	Shipping carton box 120	345 mm x 177 mm x 147 mm	8.98 dm ³	2087.00 g
4062172255943	PL-BRICK HP-Z2 1000 727 2X2 SSG	Shipping carton box 120	345 mm x 177 mm x 147 mm	8.98 dm ³	2087.00 g
4062172255967	PL-BRICK HP-Z2 1000 730 2X2 SSG	Shipping carton box 120	345 mm x 177 mm x 147 mm	8.98 dm ³	2087.00 g
4062172255981	PL-BRICK HP-Z2 1000 740 2X2 SSG	Shipping carton box 120	345 mm x 177 mm x 147 mm	8.98 dm ³	2087.00 g
4062172256001	PL-BRICK HP-Z2 1000 830 2X2 SSG	Shipping carton box 120	345 mm x 177 mm x 147 mm	8.98 dm ³	2087.00 g
4062172255622	PL-BRICK HP-Z2 1900 722 2X4 SSG	Shipping carton box 120	350 mm x 280 mm x 157 mm	15.39 dm ³	3686.00 g
4062172255646	PL-BRICK HP-Z2 1900 727 2X4 SSG	Shipping carton box 120	350 mm x 280 mm x 157 mm	15.39 dm ³	3686.00 g
4062172255660	PL-BRICK HP-Z2 1900 730 2X4 SSG	Shipping carton box 120	350 mm x 280 mm x 157 mm	15.39 dm ³	3686.00 g
4062172255684	PL-BRICK HP-Z2 1900 740 2X4 SSG	Shipping carton box 120	350 mm x 280 mm x 157 mm	15.39 dm ³	3686.00 g
4062172255707	PL-BRICK HP-Z2 1900 830 2X4 SSG	Shipping carton box 120	350 mm x 280 mm x 157 mm	15.39 dm ³	3686.00 g
4062172255721	PL-BRICK HP-Z2 2850 722 2X6 SSG	Shipping carton box 120	410 mm x 350 mm x 160 mm	22.96 dm ³	5547.00 g
4062172255745	PL-BRICK HP-Z2 2850 727 2X6 SSG	Shipping carton box 120	410 mm x 350 mm x 160 mm	22.96 dm ³	5547.00 g

Product family datasheet

Logistical Data

4062172255769	PL-BRICK HP-Z2 2850 730 2X6 SSG	Shipping carton box 120	410 mm x 350 mm x 160 mm	22.96 dm ³	5547.00 g
4062172255783	PL-BRICK HP-Z2 2850 740 2X6 SSG	Shipping carton box 120	410 mm x 350 mm x 160 mm	22.96 dm ³	5547.00 g
4062172255806	PL-BRICK HP-Z2 2850- 830 2X6 SSG	Shipping carton box 120	410 mm x 350 mm x 160 mm	22.96 dm ³	5547.00 g
4062172255820	PL-BRICK HP-Z2 3800 722 2X8 SSG	Shipping carton box 120	485 mm x 350 mm x 160 mm	27.16 dm ³	6706.00 g
4062172255844	PL-BRICK HP-Z2 3800 727 2X8 SSG	Shipping carton box 120	485 mm x 350 mm x 160 mm	27.16 dm ³	6706.00 g
4062172255868	PL-BRICK HP-Z2 3800 730 2X8 SSG	Shipping carton box 120	485 mm x 350 mm x 160 mm	27.16 dm ³	6706.00 g
4062172255882	PL-BRICK HP-Z2 3800 740 2X8 SSG	Shipping carton box 120	485 mm x 350 mm x 160 mm	27.16 dm ³	6706.00 g
4062172255905	PL-BRICK HP-Z2 3800 830 2X8 SSG	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.