

The trusted value of OSRAM Digital Systems continues with Inventronics Global – where experience meets innovation.

PL-BRICK HP 6000 722-740 2X8 HE 2CH

PrevaLED BRICK HP HE 2CH | LED modules for industry and outdoor applications



Product family features

- 70 CRI color rendering
- Average lifetime (L80 B10): up to 100,000 h (temperature up to $T_c = 85^\circ\text{C}$)
- Beam angle per module: 120°
- CE marked, ENEC certified
- Customized color temperature and color rendering index available on request
- Geometry according to Zhaga Book 15
- Initial color consistency: ≤ 4 SDCM
- Maximum temperature at t_c : 95°C (according to IEC 62717)
- Maximum working voltage 600 V for the system
- Module efficacy: up to 206 lm/W
- Operating range: -40°C to $+70^\circ\text{C}$
- RoHS compliant

Product family benefits

- Available with a wide range of color temperatures, lengths and color rendering index
- Compatible to standard outdoor and industry optics, e.g. Ledil Strada series
- Customized solutions (color-mix & form factor) possible
- Type of protection: IP00
- Future-proof thanks to Zhaga conformity
- High efficacy LED Modules
- High-performance module for outdoor and street lighting
- LED module for robust application
- NTC for on-module temperature observation
- Tunable White by adjustable colour temperature from 2,200 K to 4,000 K



Areas of application

- Cities and municipalities
- Color tunable applications
- Colormixing
- Highbay lighting
- Outdoor application
- Public area lighting
- Street and area lighting
- Street and urban lighting

Technical data

Electrical data

Nominal voltage	46.00 V
Nominal current	0.35 A
Type of current	DC
On-mode power	32.4 W
Energy consumption in on-mode	32.4 kWh/1000h

Photometrical data

Correlated color temperature CCT	3000 K
Colour consistency (McAdam ellipses)	5
Useful luminous flux (Φ_{use})	5600 lm

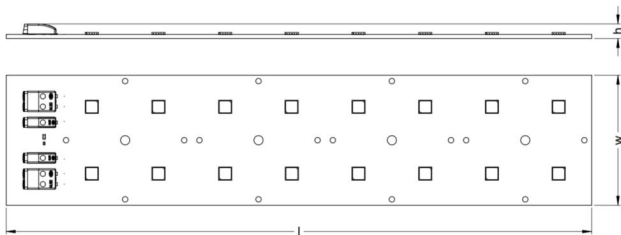
Light technical data

Beam angle	120 °
Starting time	< 0,5 s
Warm-up time (60 %)	1 s

LED module information

Number of LEDs per module	16
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Dimensions & weight



Product weight	52.00 g
Height EPREL	6 mm
Length EPREL	223 mm
Width EPREL	49.5 mm

Temperatures & operating conditions

Performance temp. acc. to IEC 62717	55 °C
Maximum temperature at tc test point	95 °C
Temperature range at storage	-30...85 °C
Ambient temperature range	-40...+70 °C

Lifespan

Number of switching cycles	100000
Lumen maintenance factor LMF	96
L70B50 lifetime	100000 h

Additional product data

Lighting technology used	LED
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Capabilities

Dimmable	Yes
NTC input	Yes

Certificates & standards

Type of protection	IP00
Energy efficiency class	C

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	11-11-2025
Primary Article Identifier	6977078998772
Candidate List Substance 1	no declarable substance contained
Declaration No. in SCIP database	In work
SCIP_ID	

Download Data

File		
Product Datasheet	PDF	▶ Technical Datasheet PL BRICK HP HE 2CH

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
6977078998772 INVENTRONICS	PL-BRICK HP 6000 722- 740 2X8 HE 2CH	Shipping carton box 120 Pieces	485 x 350 x 160 mm	27.16 dm ³	57.88 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