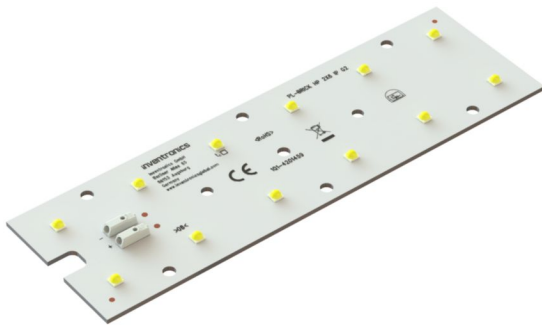


## PL-BRICK HP 2850-740 2X6 IP G2

PrevaLED BRICK HP IP G2 | LED modules for industry and outdoor applications

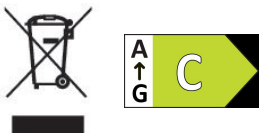


### Product family features

- Available with color temperature: 2,200 K, up to 4000 K
- Available with CRI > 70 and CRI > 80
- Initial color consistency:  $\leq 5$  SDCM
- Average lifetime (L80 B10): up to 100,000 h (temperature up to  $T_c = 90^\circ\text{C}$ )
- Maximum temperature at  $t_c$ :  $95^\circ\text{C}$  (according to IEC 62717)
- Operating range:  $-40^\circ\text{C}$  to  $+70^\circ\text{C}$
- Maximum working voltage 600 V for the system
- Geometry according to Zhaga Book 19
- Type of protection: IP00
- Compatible to optics with IP solution, e.g. Ledil STRADA-IP-2x6 series

### Product family benefits

- Available in four different color temperatures
- Extra-long lifetime – 100,000 hours (L80B10)
- Compatible with third party optics, e.g. from LEDIL
- Dimensions aligned with Zhaga book 19



## Areas of application

- Area illumination for Highbay light for industry and outdoor application
- Highbay lighting
- Street and area lighting
- Outdoor application
- Street and urban lighting

## Technical data

### Electrical data

Nominal voltage	34.00 V
Nominal current	0.53 A
Type of current	DC
On-mode power	18 W
Energy consumption in on-mode	18 kWh/1000h
Networked standby power	0
Maximum forward voltage	35.7 V
Max. drive current	1500 mA

### Photometrical data

Luminous efficacy	179 lm/W
Color Rendering Index	71
Color rendering index Ra	70
Correlated color temperature CCT	4000 K
Colour consistency (McAdam ellipses)	5
Useful luminous flux ( $\Phi_{use}$ )	3225 lm

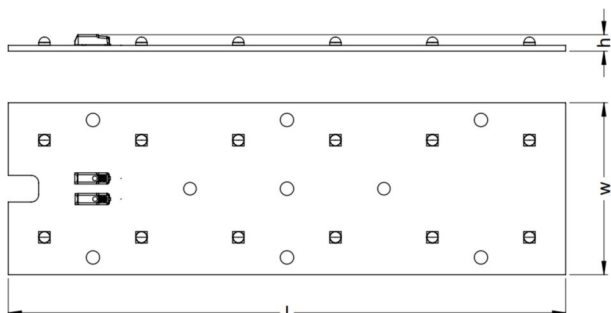
### Light technical data

Beam angle	120 °
Starting time	0 s
Warm-up time (60 %)	0 s

### LED module information

Number of LEDs per module	12
---------------------------	----

## Dimensions & weight



<b>Product weight</b>	40.00 g
<b>Height EPREL</b>	4.5 mm
<b>Length EPREL</b>	146 mm
<b>Width EPREL</b>	45 mm

## Temperatures & operating conditions

<b>Performance temp. acc. to IEC 62717</b>	55 °C
<b>Maximum temperature at tc test point</b>	95 °C
<b>Temperature range at storage</b>	-30...85 °C
<b>Ambient temperature range</b>	-20...+70 °C
<b>Ambient temperature (rated)</b>	25 °C

## Lifespan

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

## Additional product data

Lighting technology used	LED
--------------------------	-----

## Capabilities

Dimmable	Yes
----------	-----

## Certificates & standards

<b>Standards</b>	CE / ENEC
<b>Type of protection</b>	IP00
<b>Energy efficiency class</b>	C

## Logistical data

<b>Commodity code</b>	85414100000
-----------------------	-------------

## Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
<b>Date of Declaration</b>	31-03-2026
<b>Primary Article Identifier</b>	4062172168533   6937186143556
<b>Declaration No. in SCIP database</b>	In work
<b>SCIP_STATUS</b>	In work
<b>SCIP_ID</b>	

## 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
6937186143556 INVENTRONICS	PL-BRICK HP 2850-740 2X6 IP G2	Shipping carton box 120 Pieces	424 x 188 x 292 mm	23.28 dm <sup>3</sup>	50.20 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

## References / Links

\* For more information on the multi-level guarantee and the terms and conditions of the guarantee visit <https://www.inventronics-light.com/multilevel-guarantees>

## Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.