



## LEDiL's new HB-IP-2X6-W – Efficient High Bay lighting regardless of conditions

The new CS14130\_HB-IP-2X6-W module extends LEDiL's proven ingress protected STRADA-IP module range into High Bay lighting. The module is based on the same versatile base used in STRADA-IP and can be incorporated into the same luminaire design. This opens new markets and opportunities for existing luminaires. Luminaire designs based on the standard IP-2X6 footprint can be adapted between street lighting and high bay by changing the optics only. IP-2X6 modules have an integrated silicone gasket and provide an IP-rating up to IP67.

### FEATURES

- Wide square shaped light distribution.
- Developed especially for high bay applications.
- Compatible with LEDs up to XM-L size
- Optimised for high power LEDs from leading manufacturers, including Cree, Osram, Philips Lumileds and Nichia.
- Meets DLC (DesignLights Consortium™) optical requirements for high bay fixtures.

### TYPICAL APPLICATIONS

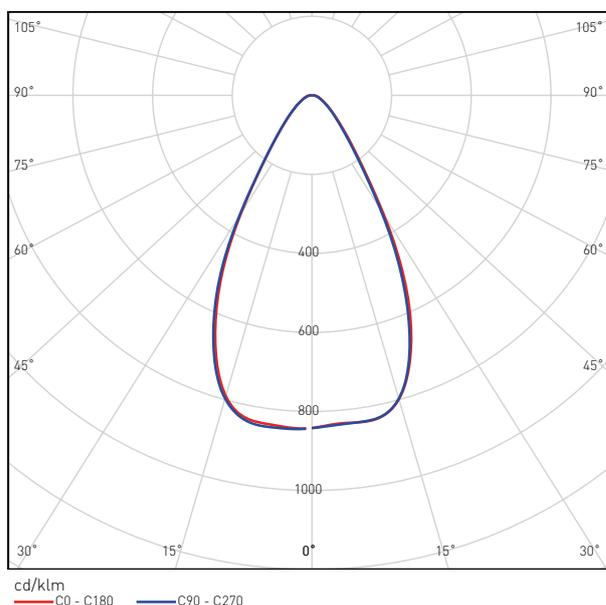
- High bay lighting
- Warehouses and other commercial, industrial and manufacturing structures



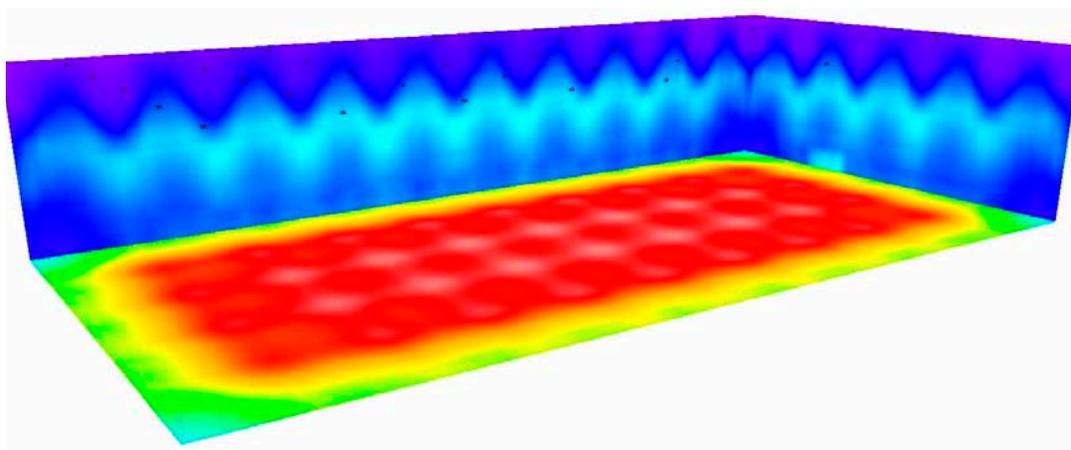
CS14130\_HB-IP-2X6-W

## TECHNICAL SPECIFICATIONS

- Diameter 173 x 71.4 mm
- Height 11.4 mm
- LEDs 12
- Mounts with screws
- Module is precision-molded from optical grade PMMA – UL94 HB rated material with operating rating -40°C to +80°C
- Recommended PCB thickness 1,6 mm. PCB dimensions 43,5 x 145 mm.



## DESIGN EXAMPLE



Luminaire installation height:	10 meters
Number of luminaires:	50 pcs
Power consumption / luminaire:	approx. 71W
Avg. illuminance at floor level:	≈357 lx
Illuminance uniformity on the floor level (u0):	typical 0,48
Total power consumption:	3,55 kW (≈2,84 W/m <sup>2</sup> )

- Illuminance levels:

<span style="border: 1px solid black; width: 20px; height: 10px; display: inline-block;"></span>	470 lx
<span style="background-color: red; width: 20px; height: 10px; display: inline-block;"></span>	400 lx
<span style="background-color: orange; width: 20px; height: 10px; display: inline-block;"></span>	337 lx
<span style="background-color: yellow; width: 20px; height: 10px; display: inline-block;"></span>	281 lx
<span style="background-color: green; width: 20px; height: 10px; display: inline-block;"></span>	225 lx
<span style="background-color: cyan; width: 20px; height: 10px; display: inline-block;"></span>	168 lx
<span style="background-color: blue; width: 20px; height: 10px; display: inline-block;"></span>	112 lx
<span style="background-color: purple; width: 20px; height: 10px; display: inline-block;"></span>	56 lx

## ORDERING INFORMATION

CS14130\_HB-IP-2X6-W

Visit [www.ledil.com](http://www.ledil.com) for ordering codes and latest product specifications, which may vary by LED