

PRODUCT DATASHEET C14729_HB-2X2-RS-PC

HB-2X2-RS-PC

~10° spot beam. Variant made from PC.

TECHNICAL SPECIFICATIONS:

Dimensions	50.0 x 50.0 mm
Height	10 mm
Fastening	pin, screw
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component HB-2X2-RS-PC **Type** Multi-lens

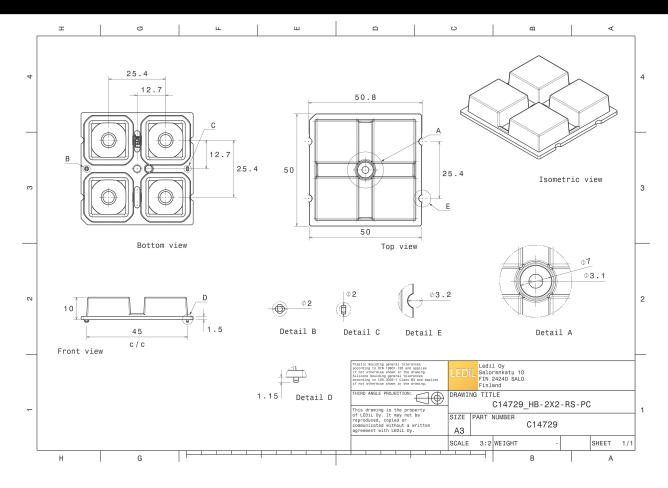
Material	Colour	Finish
PC	clear	

ORDERING INFORMATION:

Component C14729_HB-2X2-RS-PC » Box size: 480 x 280 x 300 mm

Qty in box	MOQ	MPQ	Box weight (kg)
800	160	160	10.3

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See also our general installation guide: <u>www.ledil.com/installation_guide</u>



PHOTOMETRIC DATA (MEASURED):

CREEC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G2 14.0° / 24.0° 91 % 11 cd/lm 1 White	B1, 6, 12, 6, 12, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
Vour solu LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	RecLED 122x50mm 1900lm 730 2x4 Opt G1 13.0° / 25.0° 91 % 10.3 cd/lm 1 White	21° 0° 12° 21° 0° 12° 4° 6° 10° 10° 10° 10° 10° 10° 10° 10



PHOTOMETRIC DATA (SIMULATED):

CREE ≑		90* 90*
LED	XP-L2	
FWHM / FWTM	20.0° / 40.0°	25.
Efficiency	86 %	
Peak intensity	4.4 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	gr
Required components:		330
		30°
		15° 4030 15°
OSRAM Opto Semiconductors		90° A 90°
LED	OSCONIQ C 2424	
FWHM / FWTM	12.0° / 22.0°	73. 2300
Efficiency	89 %	
Peak intensity	14.1 cd/lm	
LEDs/each optic	1	
Light colour	White	a, a,
Required components:		900
		1200
		30°
		13° 0° 15°
OSRAM Opto Semiconductors		90° 90°
LED	OSLON Square CSSRM2/CSSRM3	
LED FWHM / FWTM	OSLON Square CSSRM2/CSSRM3 13.0° / 26.0°	75
		25
FWHM / FWTM	13.0° / 26.0°	250 55°
FWHM / FWTM Efficiency	13.0° / 26.0° 91 %	9°
FWHM / FWTM Efficiency Peak intensity	13.0° / 26.0° 91 % 10.9 cd/lm	27 60° 500 60° 60° 60°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	13.0° / 26.0° 91 % 10.9 cd/lm 1	27 60* 95* 600 600 67
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	13.0° / 26.0° 91 % 10.9 cd/lm 1	25
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	13.0° / 26.0° 91 % 10.9 cd/lm 1	23 gy gy gy dib gy gy gy gy gy gy gy gy gy gy gy gy gy
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	13.0° / 26.0° 91 % 10.9 cd/lm 1	30 40 50 50 50 50 50 50 50 50 50 5
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	13.0° / 26.0° 91 % 10.9 cd/lm 1 White	25 25 25 25 25 25 25 25 25 25
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	13.0° / 26.0° 91 % 10.9 cd/lm 1 White	30, 30, 60, 60, 60, 60, 60, 60, 52, 52,
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	13.0° / 26.0° 91 % 10.9 cd/lm 1 White	25 25 25 25 25 25 25 25 25 25
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM	13.0° / 26.0° 91 % 10.9 cd/lm 1 White G LH351C 15.0° / 32.0°	50° C C C C C C C C C C C C C C C C C C C
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency	13.0° / 26.0° 91 % 10.9 cd/lm 1 White LH351C 15.0° / 32.0° 88 %	50° C C C C C C C C C C C C C C C C C C C
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity	13.0° / 26.0° 91 % 10.9 cd/lm 1 White LH351C 15.0° / 32.0° 88 % 7.1 cd/lm	50
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	13.0° / 26.0° 91 % 10.9 cd/lm 1 White LH351C 15.0° / 32.0° 88 % 7.1 cd/lm 1	5 000 30 15 00 15 000
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	13.0° / 26.0° 91 % 10.9 cd/lm 1 White LH351C 15.0° / 32.0° 88 % 7.1 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	13.0° / 26.0° 91 % 10.9 cd/lm 1 White LH351C 15.0° / 32.0° 88 % 7.1 cd/lm 1	
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PHOTOMETRIC DATA (SIMULATED):

SAMSU	NG	90 ⁴ 90 ⁴
LED	LH351D	27
FWHM / FWTM	20.0° / 40.0°	
Efficiency	88 %	
Peak intensity	4.3 cd/lm	
LEDs/each optic	1	
Light colour	White	gr
Required component	S:	
		30° 20 21° 31°



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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