

HB-2X2-RS-PC

~10° spot beam. Variant made from PC.

SPECIFICATION:

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

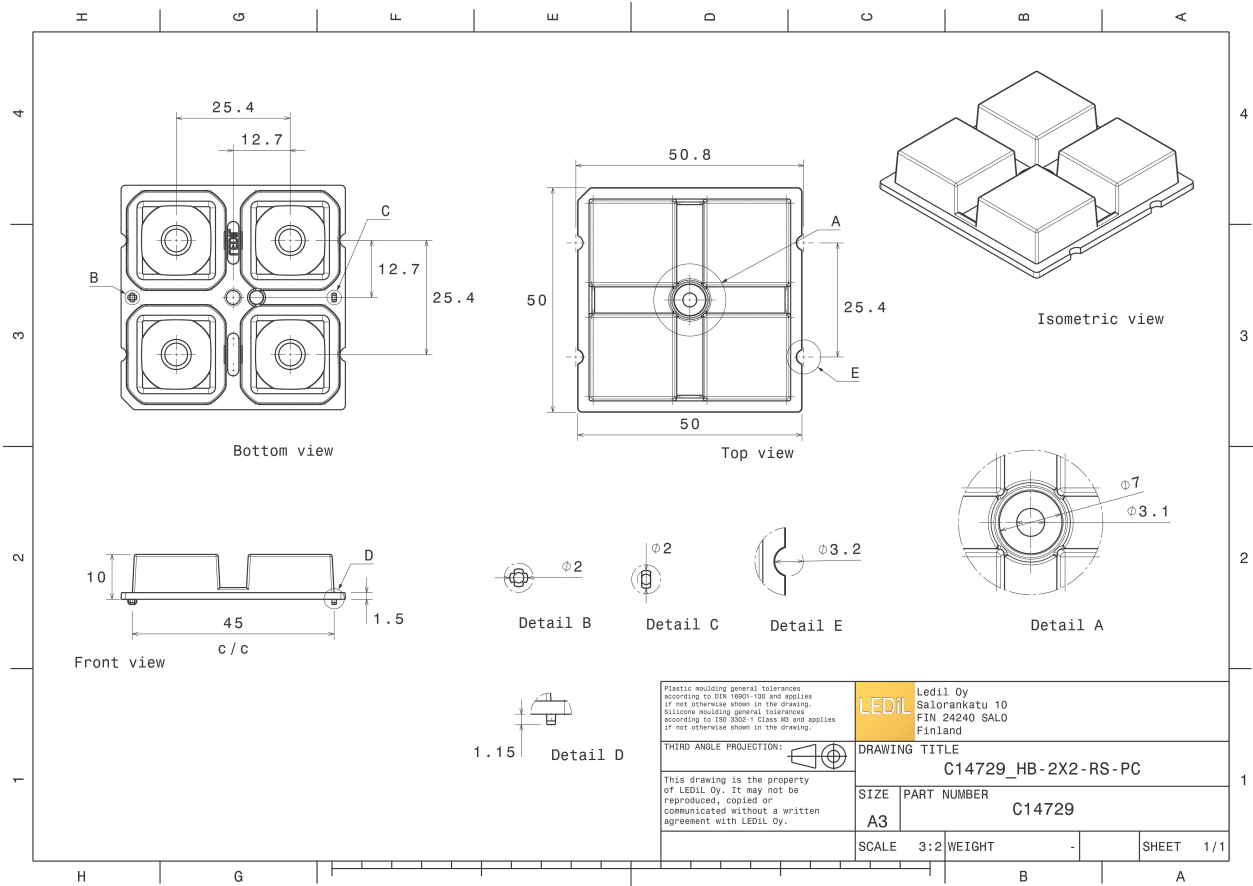
MATERIALS:

Component	Type	Material	Colour	Finish
HB-2X2-RS-PC	Multi-lens	PC	clear	



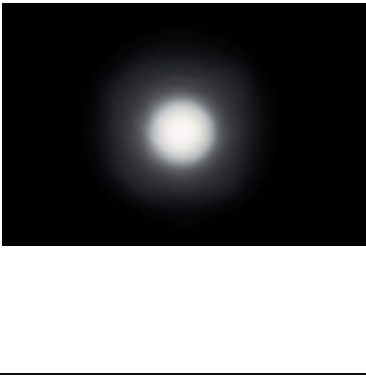
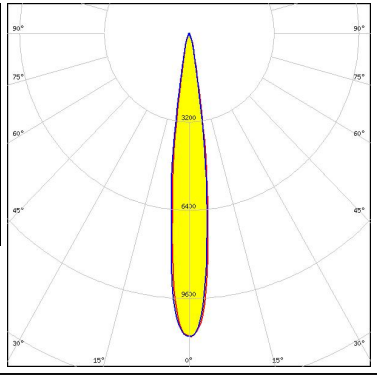

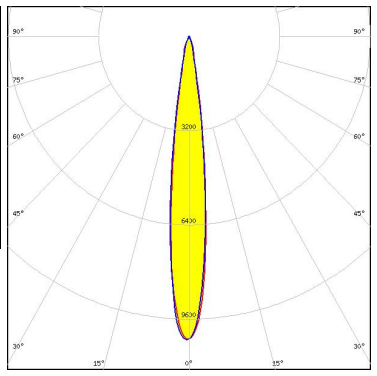

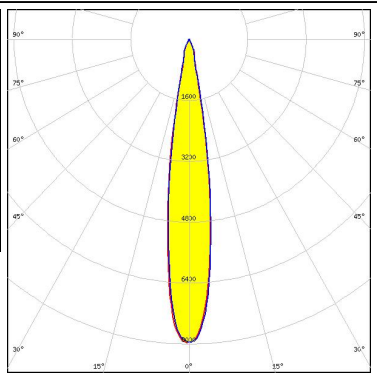
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C14729_HB-2X2-RS-PC » Box size: 480 x 280 x 300 mm	800	160	160	10.3

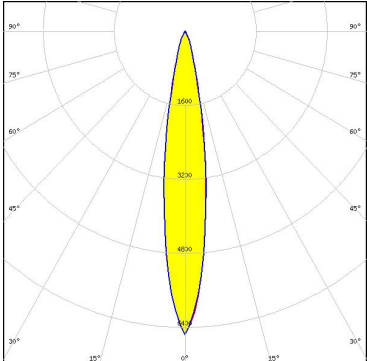
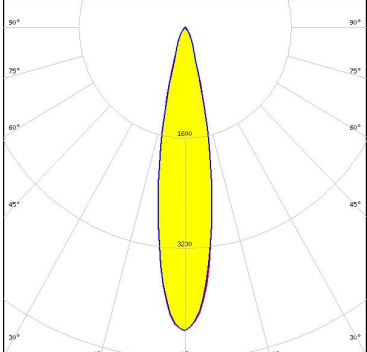
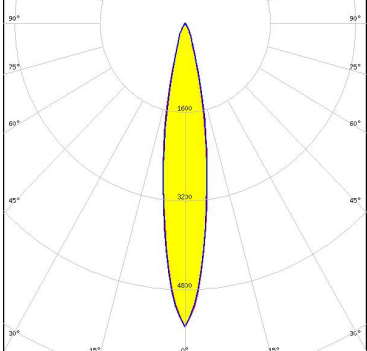
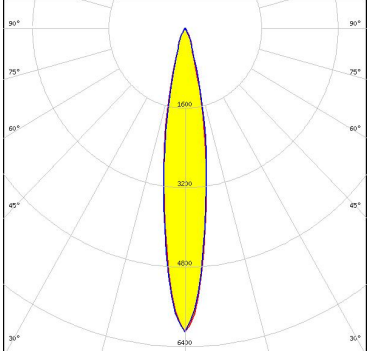


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

<p>CREE LED</p> <p>LED: XP-G2 FWHM / FWTM: 14.0° / 24.0° Efficiency: 91 % Peak intensity: 11 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>MST <i>Your solutions</i></p> <p>LED: RecLED 122x50mm 1900lm 730 2x4 Opt G1 FWHM / FWTM: 13.0° / 25.0° Efficiency: 91 % Peak intensity: 10.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>OSRAM</p> <p>LED: PL-BRICK HP 3800 2x8 SSG FWHM / FWTM: 16.0° / 28.0° Efficiency: 90 % Peak intensity: 8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		

OPTICAL RESULTS (SIMULATED):

<p>CREE LED</p> <p>LED: XP-G3 FWHM / FWTM: 16.0° / 34.0° Efficiency: 88 % Peak intensity: 6.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE LED</p> <p>LED: XP-L2 FWHM / FWTM: 20.0° / 40.0° Efficiency: 86 % Peak intensity: 4.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON XR-HL2X (L2H2-xxxxxxxMLU010) FWHM / FWTM: 18.0° / 36.0° Efficiency: 81 % Peak intensity: 5.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> <p>Protective plate, glass</p>	
<p>LUMILEDS</p> <p>LED: LUXEON XR-HL2X (L2H2-xxxxxxxMLU010) FWHM / FWTM: 16.0° / 35.0° Efficiency: 89 % Peak intensity: 6.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

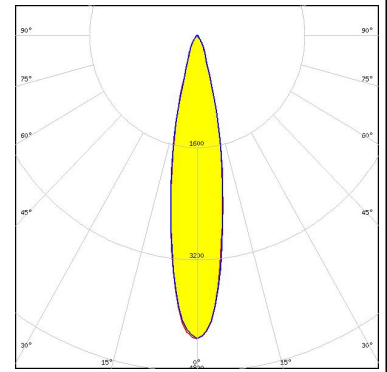
OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED: NVSW219F FWHM / FWTM: 14.0° / 30.0° Efficiency: 88 % Peak intensity: 7.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSCONIQ C 2424 FWHM / FWTM: 12.0° / 22.0° Efficiency: 89 % Peak intensity: 14.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSLON Square CSSRM2/CSSRM3 FWHM / FWTM: 13.0° / 26.0° Efficiency: 91 % Peak intensity: 10.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SAMSUNG</p> <p>LED: LH351C FWHM / FWTM: 15.0° / 32.0° Efficiency: 88 % Peak intensity: 7.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

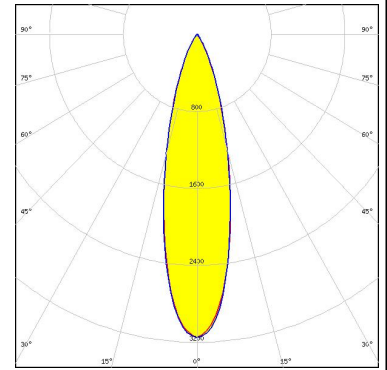
OPTICAL RESULTS (SIMULATED):

SAMSUNG

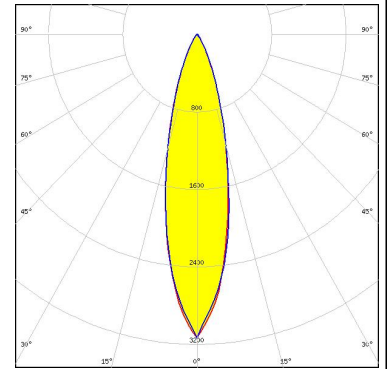
LED LH351D
 FWHM / FWTM 20.0° / 40.0°
 Efficiency 88 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED Z5M4
 FWHM / FWTM 26.0° / 52.0°
 Efficiency 89 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



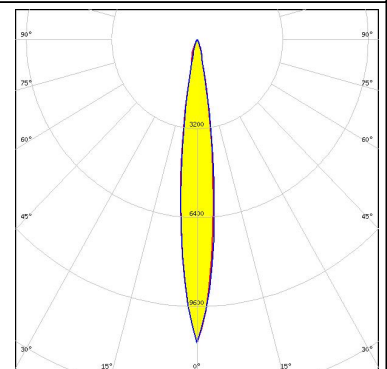
SEOUL SEMICONDUCTOR
 LED Z5M4
 FWHM / FWTM 25.0° / 52.0°
 Efficiency 84 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



Protective plate, glass

TRIDONIC

LED RLE 2x4 2000lm HP EXC2 OTD
 FWHM / FWTM 13.0° / 26.0°
 Efficiency 90 %
 Peak intensity 10.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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.

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