

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 ⓘ

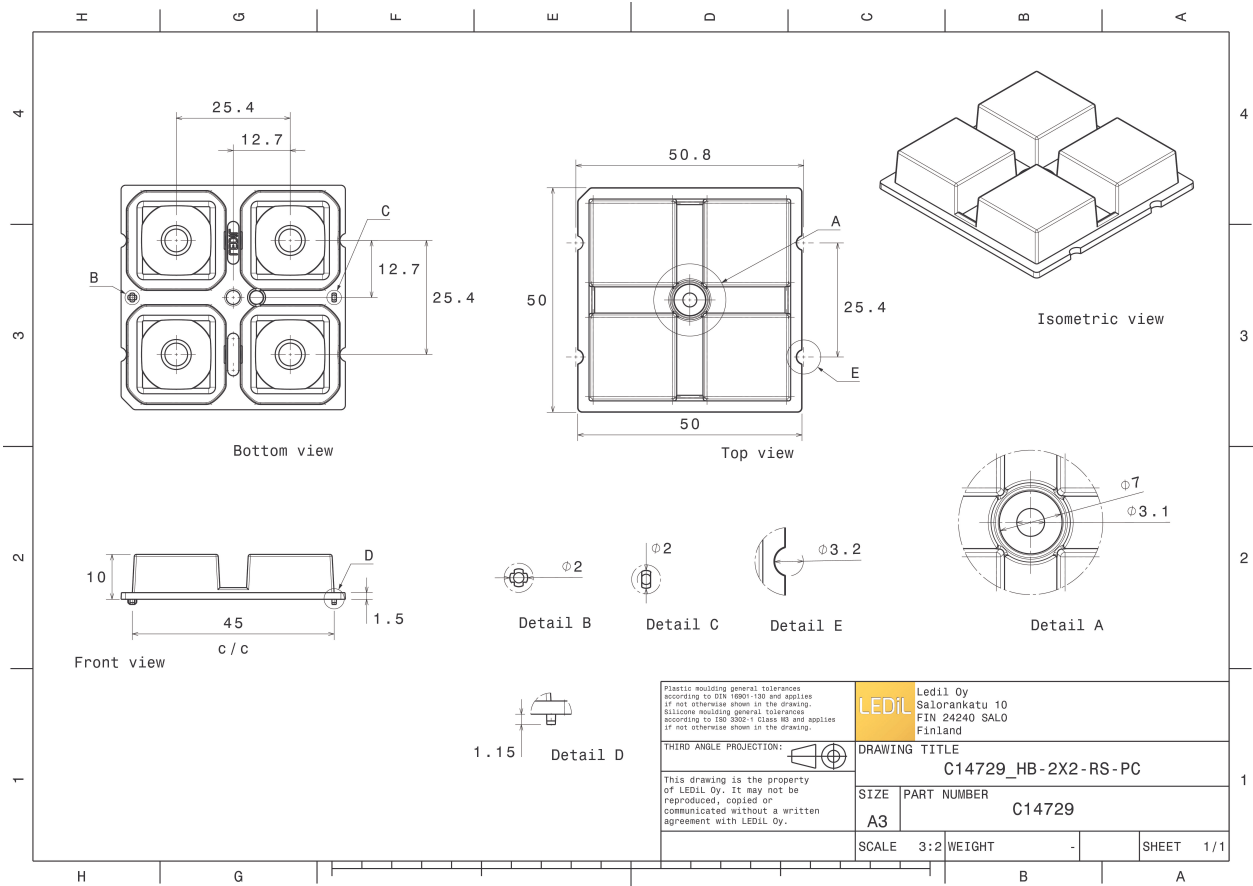
MATERIAL SPECIFICATIONS:


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



ORDERING INFORMATION:


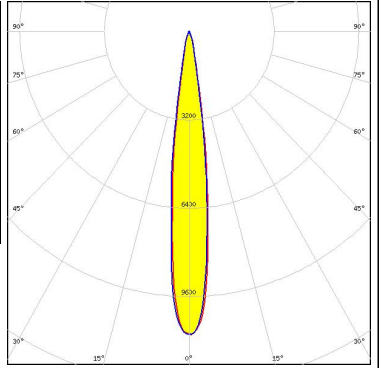
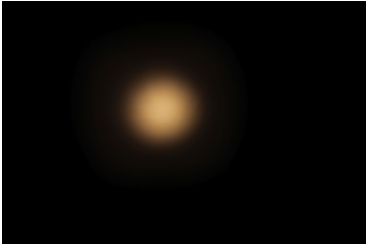
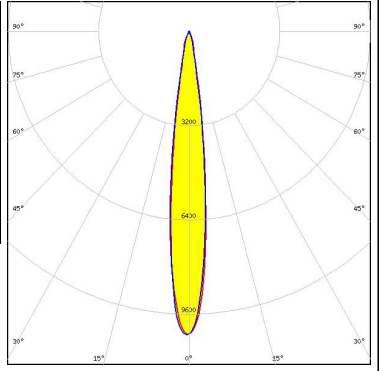

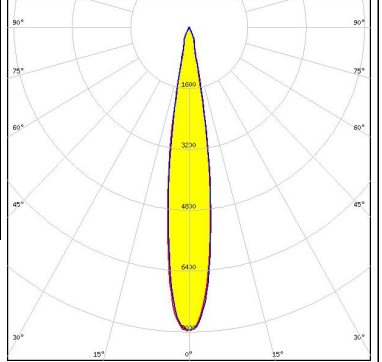
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C14729_HB-2X2-RS-PC » Box size: 480 x 280 x 300 mm	800	160	160	10.3



<small>Plastic moulding general tolerances according to DIN 18001-100 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 class M3 and applies if not otherwise shown in the drawing.</small>		LEDiL Ledil Oy Salorankatu 10 FIN 24240 SALO Finland	
<small>THIRD ANGLE PROJECTION:</small> 		DRAWING TITLE C14729_HB-2X2-RS-PC	
SIZE A3	PART NUMBER C14729		
SCALE 3:2	WEIGHT -	SHEET 1/1	

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

PHOTOMETRIC DATA (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>		

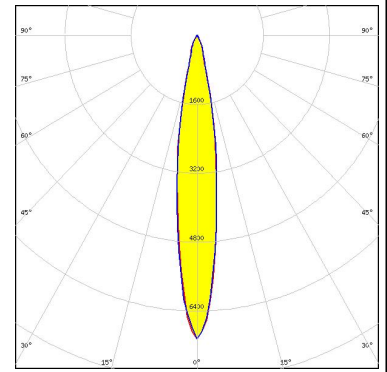
PHOTOMETRIC DATA (SIMULATED):

<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>OSRAM <small>Opto Semiconductors</small></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 <small>Opto Semiconductors</small></p> <p>LED: OSLOM 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>	

PHOTOMETRIC DATA (SIMULATED):

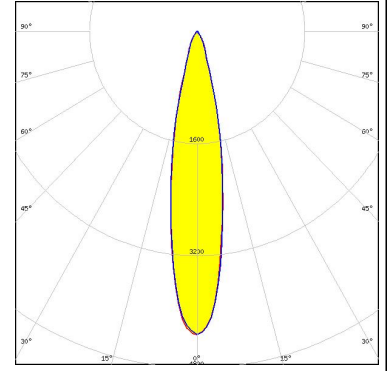
SAMSUNG

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:



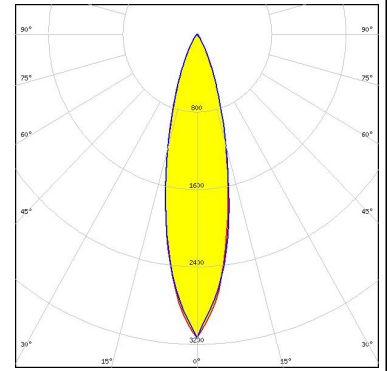
SAMSUNG

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:

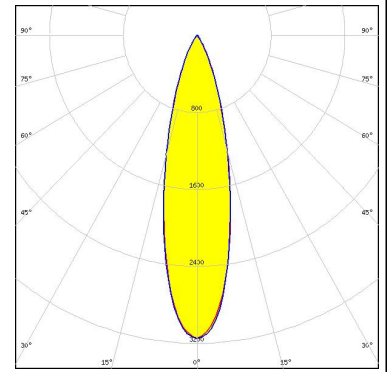


SEOUL SEMICONDUCTOR
 LED Z5M4
 FWHM / FWTM 25.0° / 52.0°
 Efficiency 84 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



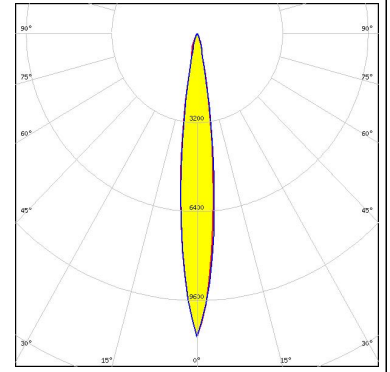
SEOUL SEMICONDUCTOR
 LED Z5M4
 FWHM / FWTM 26.0° / 52.0°
 Efficiency 89 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

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:

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