

## HB-2X2-W-PC

~50° wide beam. Variant made from PC.

### TECHNICAL SPECIFICATIONS:

Dimensions	50.0 x 50.0 mm
Height	8.5 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

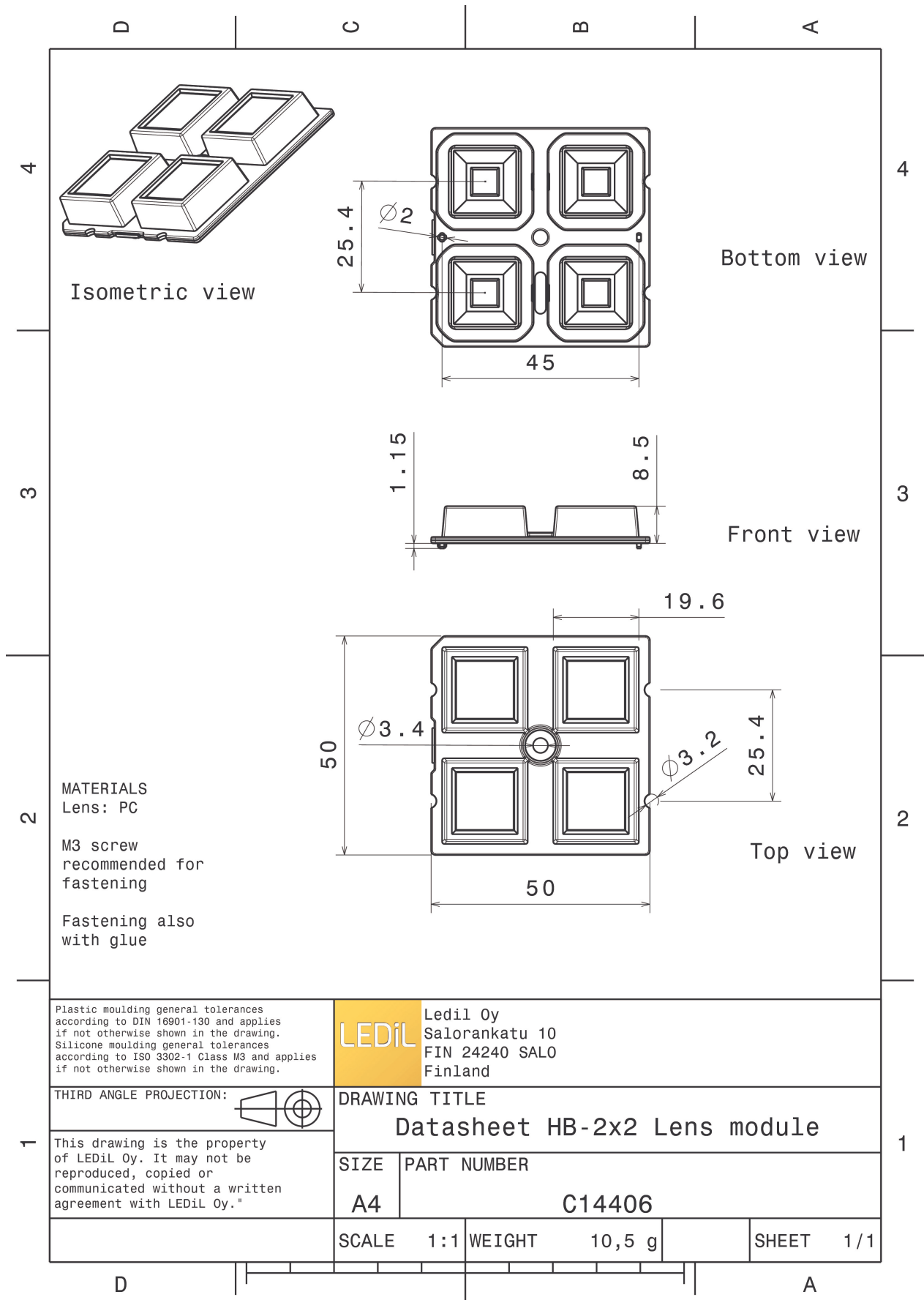


### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C14406_HB-2X2-W-PC » Box size: 480 x 280 x 300 mm	800	160	160	9.1

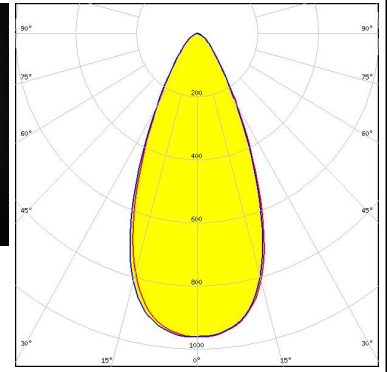


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### PHOTOMETRIC DATA (MEASURED):



LED	XT-E
FWHM / FWTM	47.0° / 85.0°
Efficiency	75 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



#### PHOTOMETRIC DATA (SIMULATED):

<p><b>NICHIA</b></p> <p>LED: NV4WB35AM            FWHM / FWTM: 54.0° / 78.0°            Efficiency: 90 %            Peak intensity: 1.1 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED: Duris S8            FWHM / FWTM: 56.0° / 86.0°            Efficiency: 86 %            Peak intensity: 0.9 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED: OSCONIQ C 2424            FWHM / FWTM: 42.0 + 43.0° / 68.0 + 69.0°            Efficiency: 90 %            Peak intensity: 1.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>SAMSUNG</b></p> <p>LED: LH231B            FWHM / FWTM: 48.0° / 76.0°            Efficiency: 90 %            Peak intensity: 1.2 cd/lm            LEDs/each optic: 4            Light colour: White            Required components:</p>	

### 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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