

HB-2X2-M-PC

~25° medium beam. Variant made from PC.

SPECIFICATION:

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

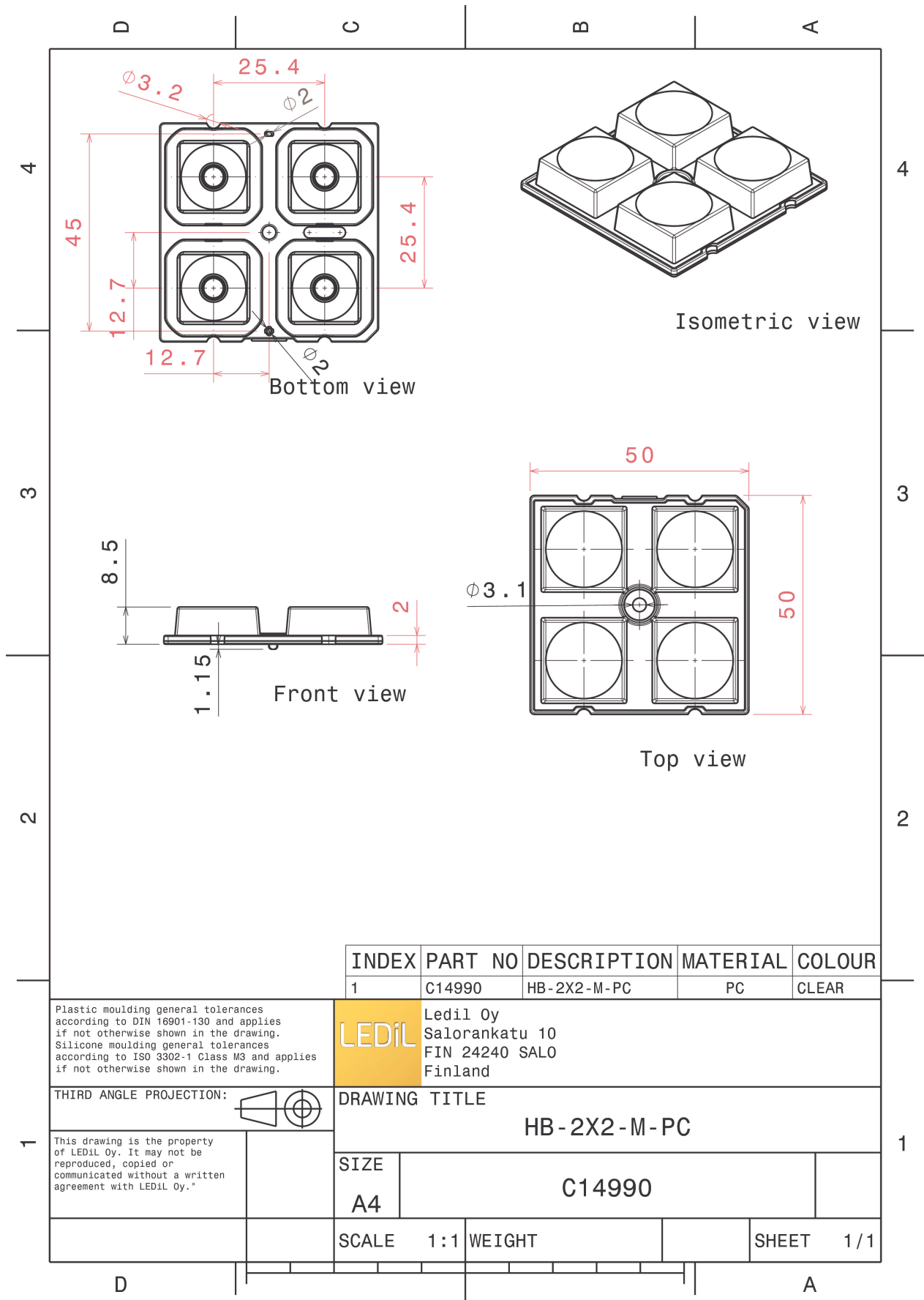
MATERIALS:

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



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C14990_HB-2X2-M-PC » Box size: 480 x 280 x 300 mm	800	160	160	9.2



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14990	HB-2X2-M-PC	PC	CLEAR

Plastic moulding general tolerances according to DIN 16901-130 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.



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THIRD ANGLE PROJECTION:

DRAWING TITLE
HB-2X2-M-PC

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SIZE
A4 **C14990**

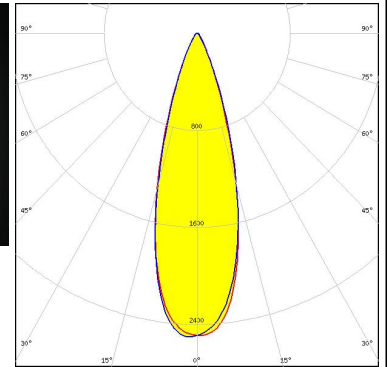
SCALE 1:1 WEIGHT SHEET 1/1

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

OPTICAL RESULTS (MEASURED):

CREE → LED

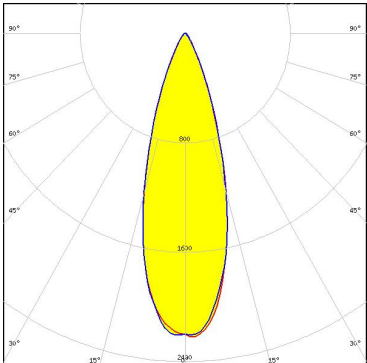
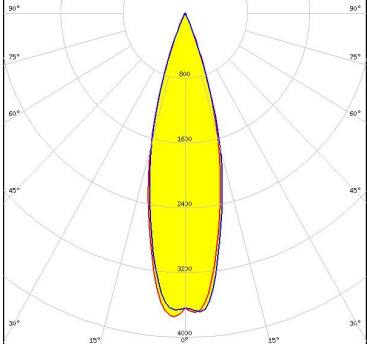
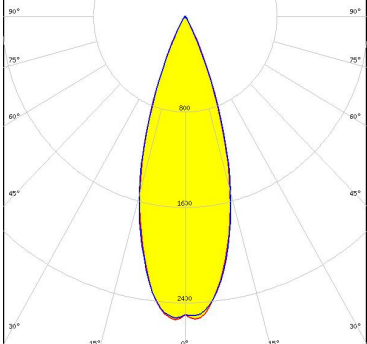
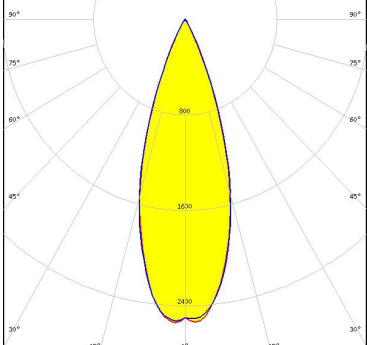
LED XP-G2
FWHM / FWTM 31.0° / 54.0°
Efficiency 90 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE → LED

LED XT-E
FWHM / FWTM 25.0° / 46.0°
Efficiency 92 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED: NV4WB35AM FWHM / FWTM: 32.0° / 58.0° Efficiency: 87 % Peak intensity: 2.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSCONIQ C 2424 FWHM / FWTM: 29.0° / 46.0° Efficiency: 90 % Peak intensity: 3.8 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: 34.0° / 54.0° Efficiency: 90 % Peak intensity: 2.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>TRIDONIC</p> <p>LED: RLE 2x4 2000lm HP EXC2 OTD FWHM / FWTM: 34.0° / 54.0° Efficiency: 90 % Peak intensity: 2.6 cd/lm LEDs/each optic: 1 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:

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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