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	800	160	160	9.1

» Box size: 480 x 280 x 300 mm

Isometric view

Ø2
25.4
45
Bottom view

1.15
8.5
Front view

19.6
Ø3.4
50
Ø3.2
25.4
50
Top view

MATERIALS
Lens: PC

M3 screw
recommended for
fastening

Fastening also
with glue

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.

LEDiL   Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
Datasheet HB-2x2 Lens module

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agreement with LEDiL Oy."

SIZE	PART NUMBER
A4	C14406

| SCALE 1:1 | WEIGHT 10,5 g | SHEET 1/1 |

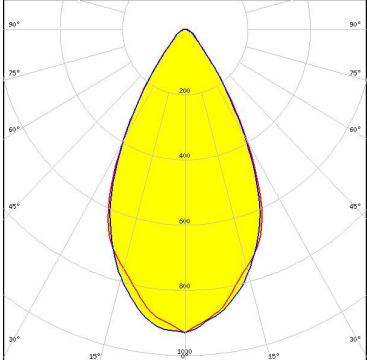See also our general installation guide: www.ledil.com/installation_guide
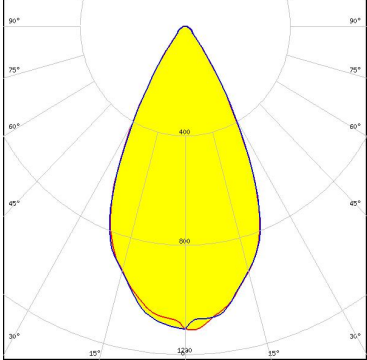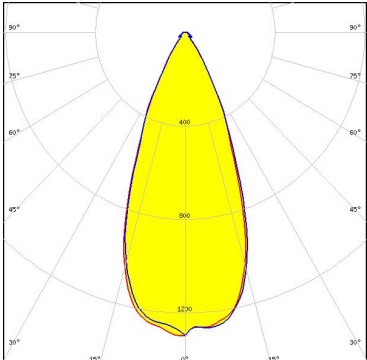
PHOTOMETRIC DATA (MEASURED):

CREE⇌LED

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:	
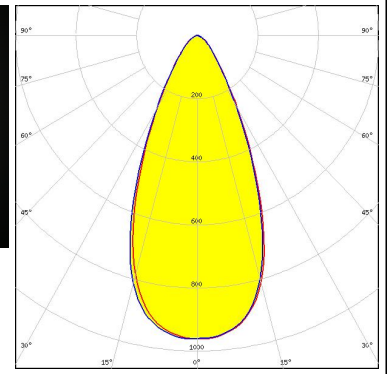
PHOTOMETRIC DATA (SIMULATED):

NICHIA

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:	

OSRAM
Opto Semiconductors

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:	

OSRAM
Opto Semiconductors

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:	

SAMSUNG

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:	