## HB-2X2-O-PC

### ~20° + 115° oval beam for aisle lighting

### SPECIFICATION:

| | |
|---|---|
| Dimensions | 50.0 x 50.0 mm |
| Height | 10.6 mm |
| Fastening | glue, pin, screw |
| ROHS compliant | yes ⓘ |

### MATERIALS:

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

### ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|---|---|---|---|
| C16044_HB-2X2-O-PC | 800 | 160 | 160 | 10.4 |

» Box size: 476 x 273 x 292 mm

DATE
21.01.2019

25.4

25.4

Ø3.2

Ø2

Ø2

Bottom view

Isometric view
Scale: 1:1

2.5

10.6

1.15

Front view

50

50

Ø3.22

Top view

PC version of C13749_HB-2X2-O

| PART | TYPE | MATERIAL | COLOR / COATING |
|---|---|---|---|
| C16044_HB-2X2-O-PC | LENS | PC | CLEAR |

**MECHANICAL DRAWING**

PRODUCT
**HIGH BAY**

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.

FIRST ANGLE PROJECTION:

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| SCALE | 1:1 | WEIGHT | - | A3 | SHEET 1/1 |
|---|---|---|---|---|---|

**Notes**
- PCB or heatsink level.
- LED location
- Ensure LED fitting from a product specific 3D model available from www.ledil.com
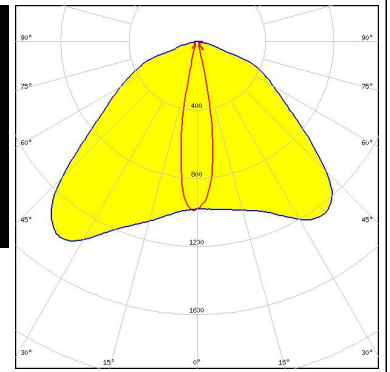- For more details about installation please see LEDiL Installation Guide on www.ledil.com
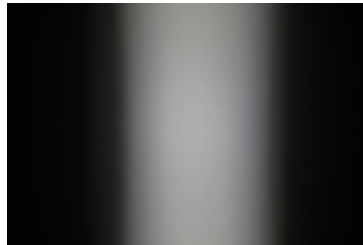
See also our general installation guide: www.ledil.com/installation_guide
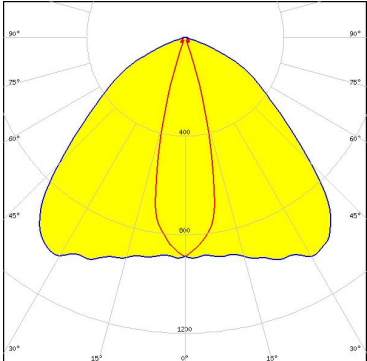
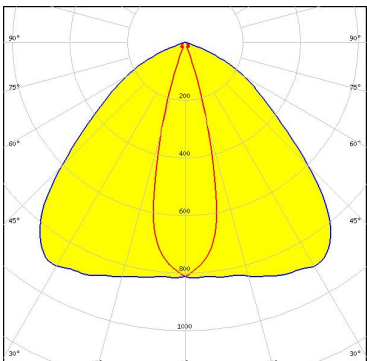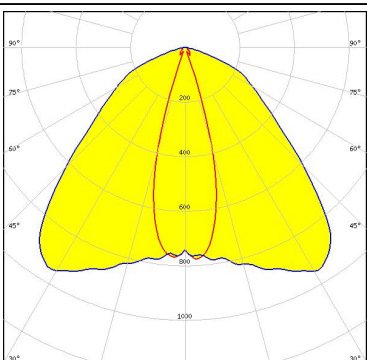## OPTICAL RESULTS (MEASURED):

**CREE LEDs**

| | |
|---|---|
| LED | XP-G2 |
| FWHM / FWTM | 20.0 + 122.0° / 32.0 + 151.0° |
| Efficiency | 92 % |
| Peak intensity | 1.4 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

## OPTICAL RESULTS (SIMULATED):

**LUMILEDS**

| | |
|---|---|
| LED | LUXEON XR-HL2X (L2H2-xxxxxxxMLU010) |
| FWHM / FWTM | 26.0 + 102.0° / 38.0 + 138.0° |
| Efficiency | 90 % |
| Peak intensity | 1 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

**LUMILEDS**

| | |
|---|---|
| LED | LUXEON XR-HL2X (L2H2-xxxxxxxMLU010) |
| FWHM / FWTM | 28.0 + 100.0° / 40.0 + 136.0° |
| Efficiency | 81 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

Protective plate, glass

**NICHIA**

| | |
|---|---|
| LED | NV4WB35AM |
| FWHM / FWTM | 30.0 + 98.0° / 40.0 + 144.0° |
| Efficiency | 90 % |
| Peak intensity | 1 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

**OSRAM**
Opto Semiconductors

| | |
|---|---|
| LED | OSCONIQ C 2424 |
| FWHM / FWTM | 18.0 + 98.0° / 28.0 + 141.0° |
| Efficiency | 91 % |
| Peak intensity | 1.4 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |