

HB-2X2-RS-PC

~10° spot beam. Variant made from PC.

SPECIFICATION:

| | |
|----------------|----------------|
| Dimensions | 50.0 x 50.0 mm |
| Height | 10 mm |
| Fastening | pin, screw |
| ROHS compliant | yes ⓘ |

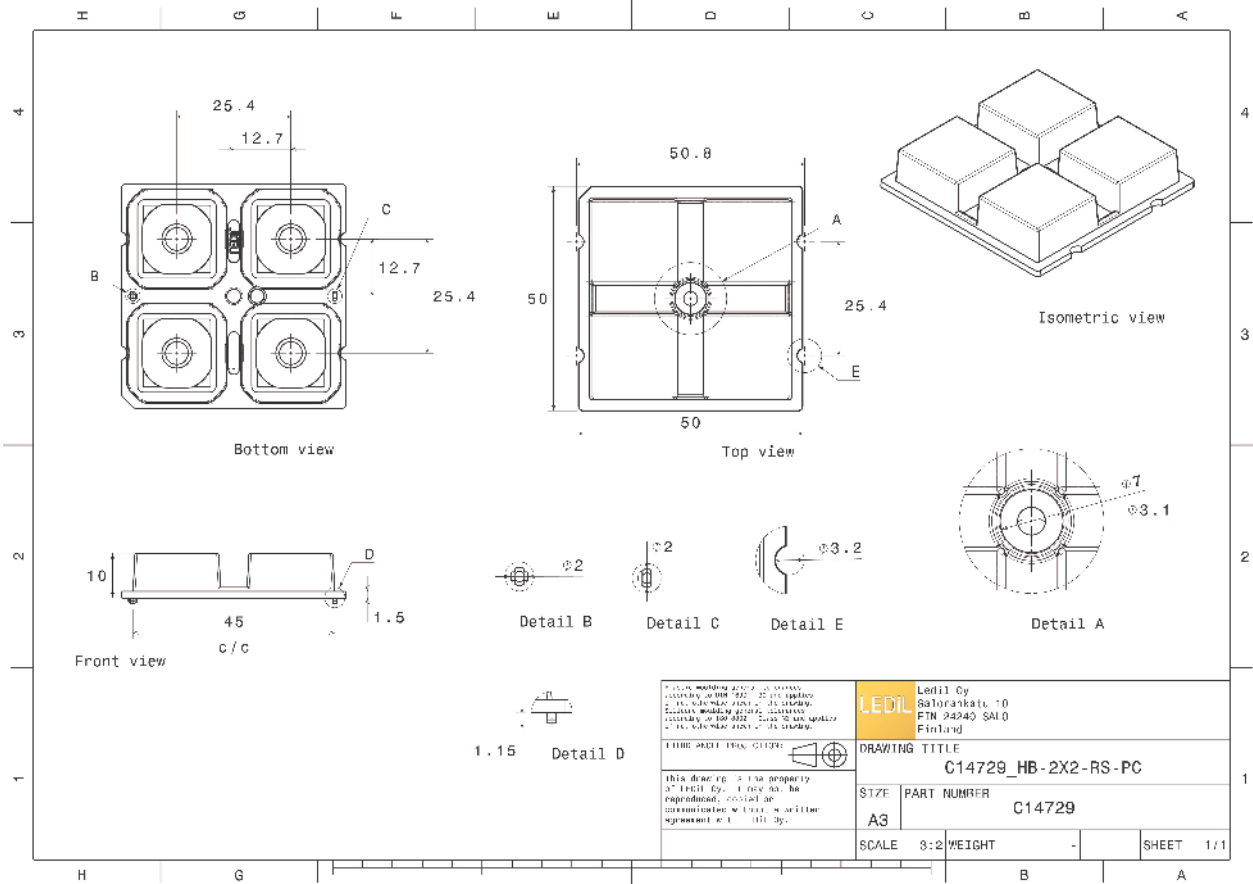
MATERIALS:

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



ORDERING INFORMATION:

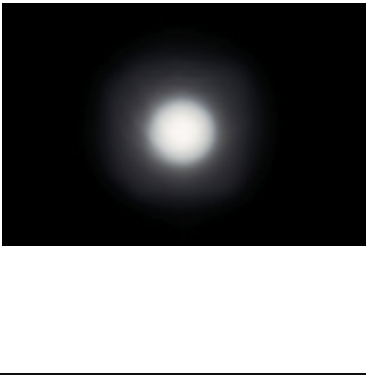
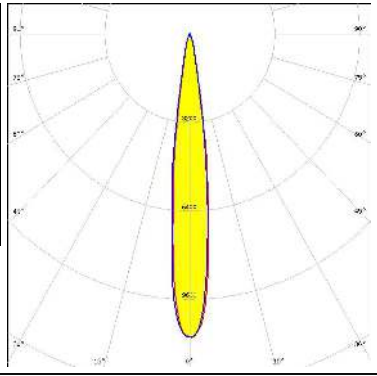
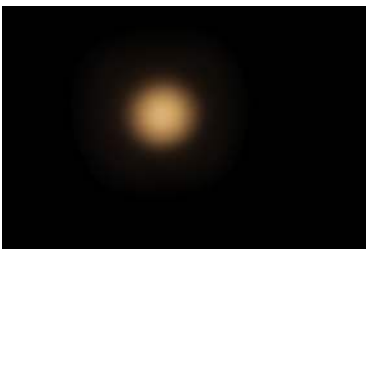
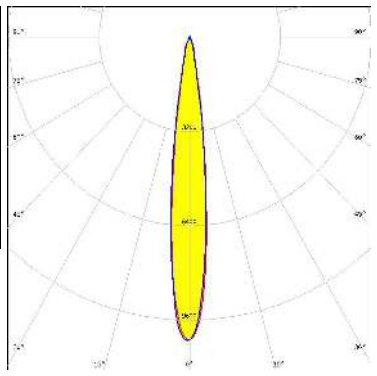

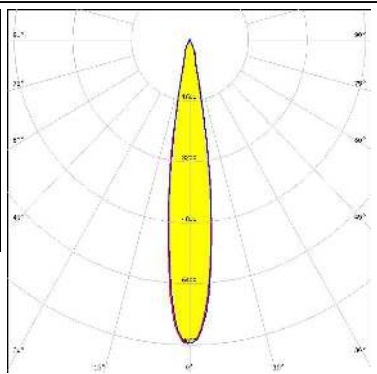
| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|------------|-----|-----|-----------------|
| C14729_HB-2X2-RS-PC » Box size: 480 x 280 x 300 mm | 800 | 160 | 160 | 10.3 |



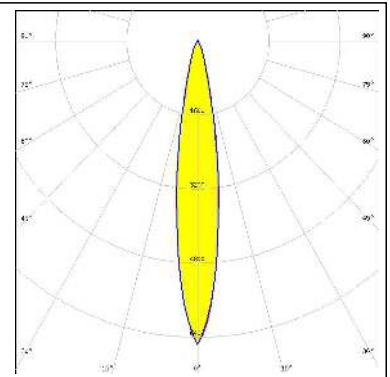
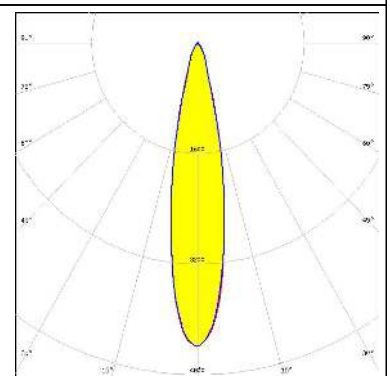
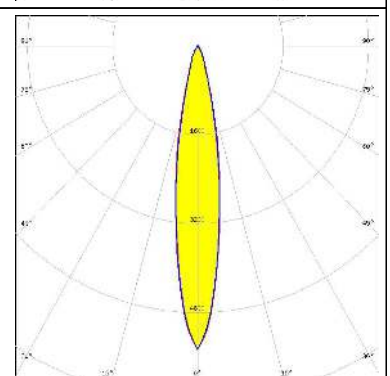
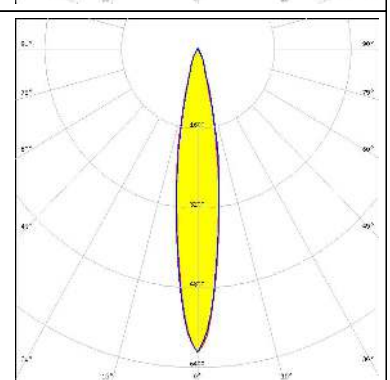
| | | | |
|---|-------------|--|-----------|
| <small> LEDiL Oy Salorankatie 10 FIN-00240 SAUNO Finland Puh: +358 9 450 9222 Faksi: +358 9 450 9223 www.ledil.com </small> | | LEDiL Ledil Oy Salorankatie 10 FIN-00240 SAUNO Finland | |
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| DRAWING TITLE C14729_HB-2X2-RS-PC | | | |
| SIZE | PART NUMBER | | |
| A3 | C14729 | | |
| SCALE | 3:2 | WEIGHT | - |
| | | | SHEET 1/1 |

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

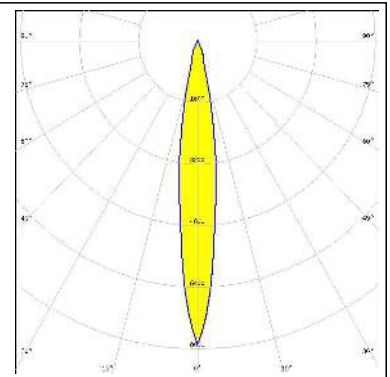
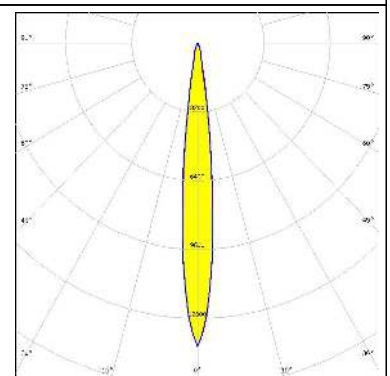
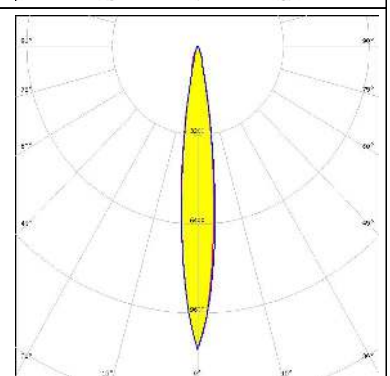
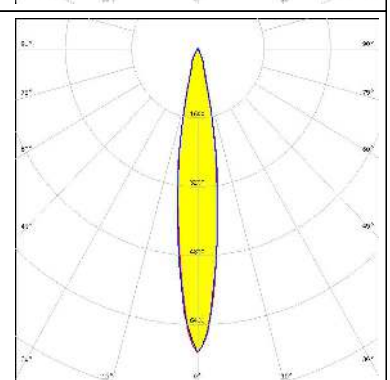
OPTICAL RESULTS (MEASURED):

| | | |
|---|--|---|
| <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 Your solutions</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> |  |  |

OPTICAL RESULTS (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>LUMILEDS</p> <p>LED: LUXEON XR-HL2X (L2H2-xxxxxxxMLU010) FWHM / FWTM: 18.0° / 36.0° Efficiency: 81 % Peak intensity: 5.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> <p>Protective plate, glass</p> |  |
| <p>LUMILEDS</p> <p>LED: LUXEON XR-HL2X (L2H2-xxxxxxxMLU010) FWHM / FWTM: 16.0° / 35.0° Efficiency: 89 % Peak intensity: 6.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |

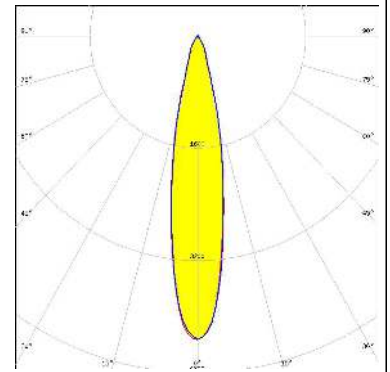
OPTICAL RESULTS (SIMULATED):

| | |
|---|---|
| <p>NICHIA</p> <p>LED: NVSW219F FWHM / FWTM: 14.0° / 30.0° Efficiency: 88 % Peak intensity: 7.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>OSRAM Opto Semiconductors</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 Opto Semiconductors</p> <p>LED: OSLON 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> |  |
| <p>SAMSUNG</p> <p>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:</p> |  |

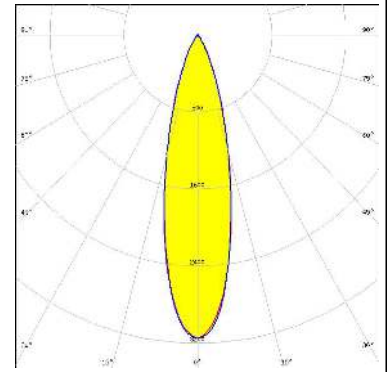
OPTICAL RESULTS (SIMULATED):

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:

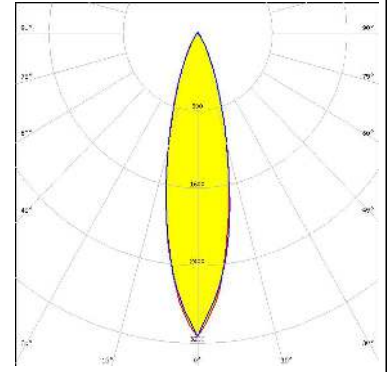


LED Z5M4
 FWHM / FWTM 26.0° / 52.0°
 Efficiency 89 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



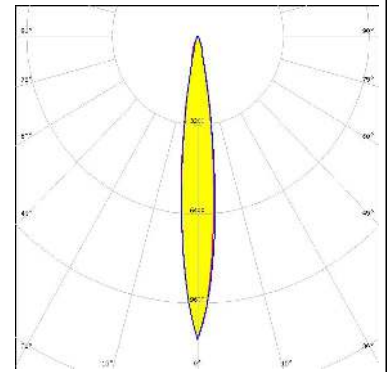
LED Z5M4
 FWHM / FWTM 25.0° / 52.0°
 Efficiency 84 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



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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