

HB-IP-2X6-RS-PC

~20° spot beam. Variant made from PC.

SPECIFICATION:

| | |
|----------------------------|-----------------|
| Dimensions | 173.0 x 71.4 mm |
| Height | 11.4 mm |
| Fastening | pin, screw |
| Ingress protection classes | IP67 |
| ROHS compliant | yes ⓘ |

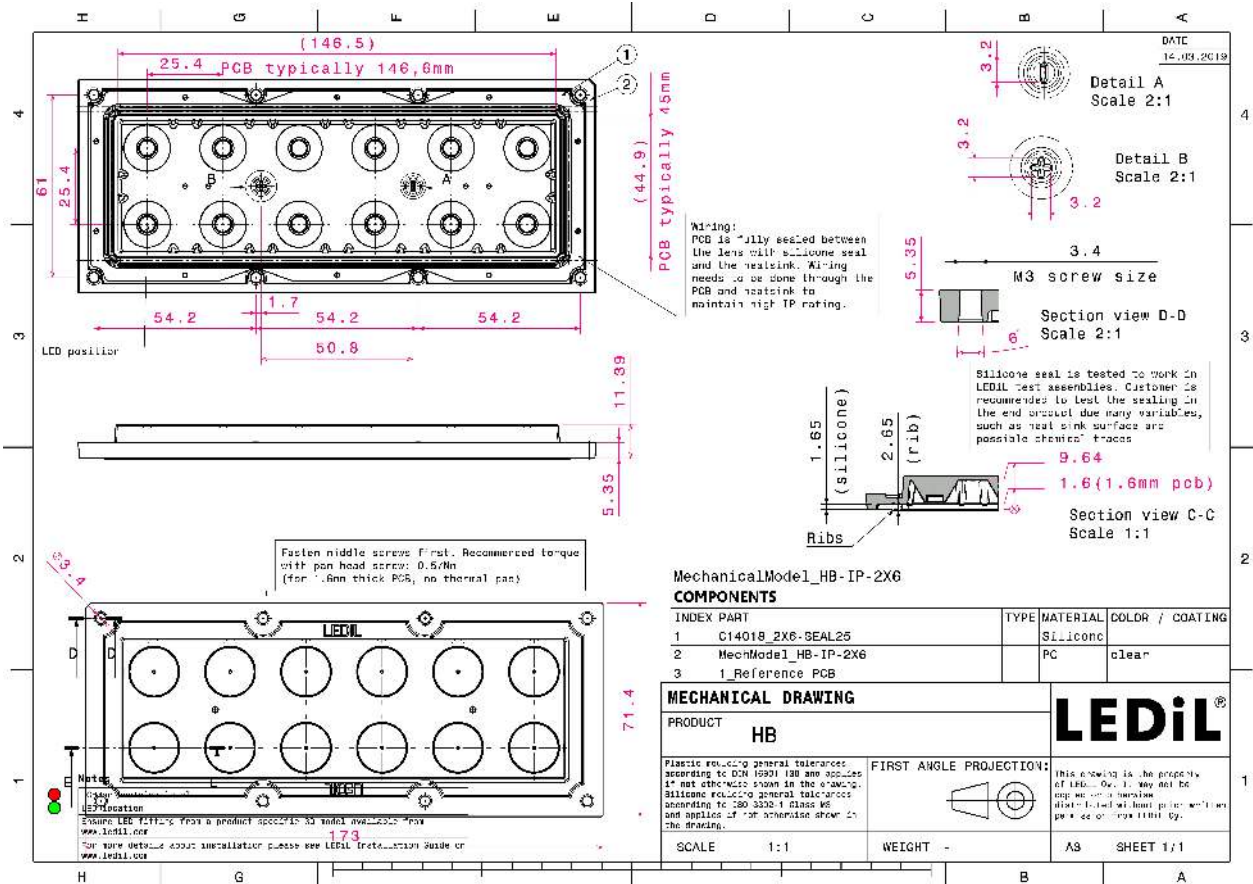
MATERIALS:

| Component | Type | Material | Colour | Finish |
|-----------------|------------|----------|--------|--------|
| HB-IP-2X6-RS-PC | Multi-lens | PC | clear | |
| 2X6-SEAL25 | Seal | Silicone | white | |



ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|------------|------------|-----|-----|-----------------|
| CS17088_HB-IP-2X6-RS-PC | Multi-lens | 120 | 40 | 40 | 8.1 |
| » Box size: 476 x 273 x 247 mm | | | | | |

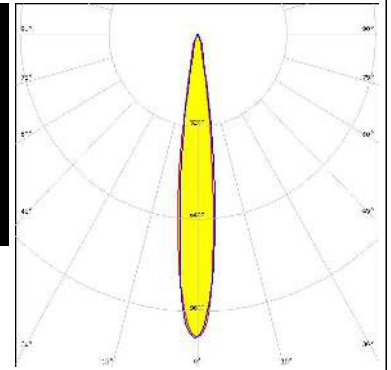


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

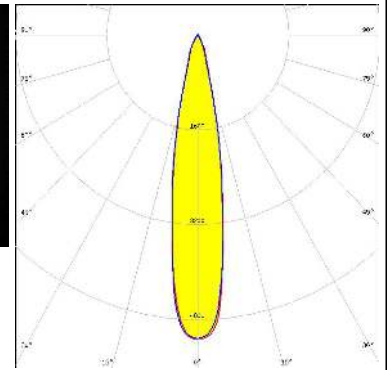
CREE LED

LED XP-G2
FWHM / FWTM 14.0° / 25.0°
Efficiency 89 %
Peak intensity 10.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

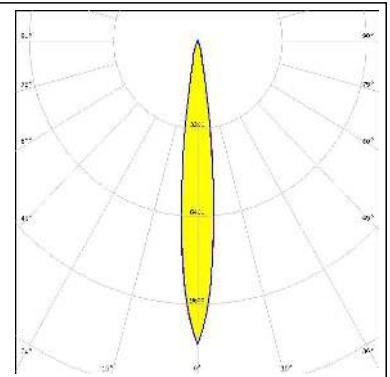
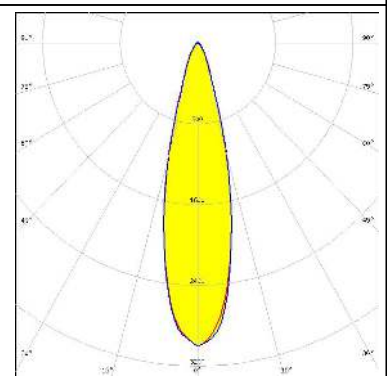
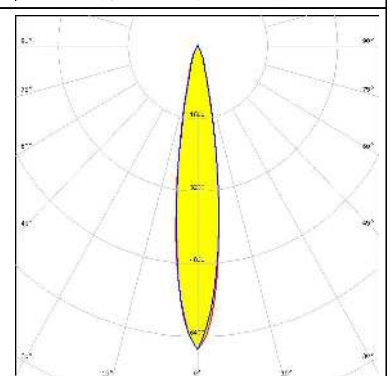
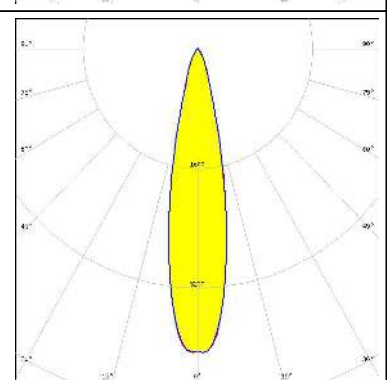


NICHIA

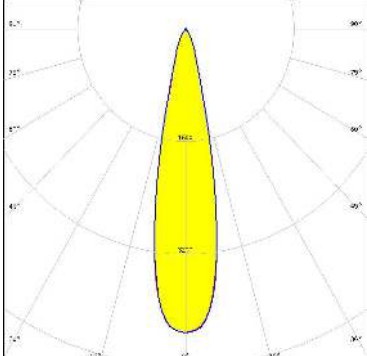
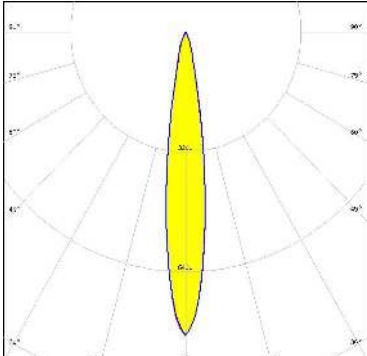
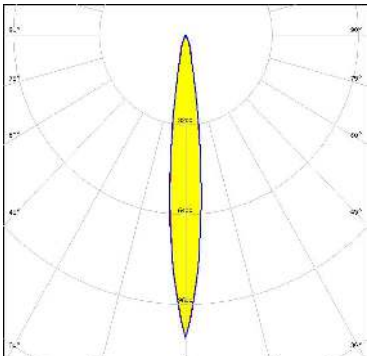
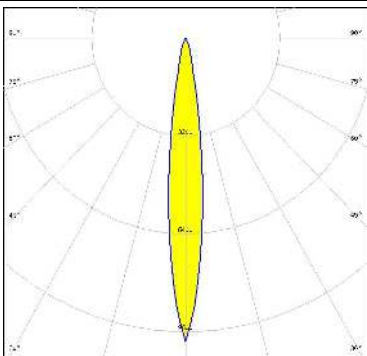
LED NVSW519A
FWHM / FWTM 20.0° / 38.0°
Efficiency 89 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

| | |
|--|---|
| <p>CREE ⇄ LED</p> <p>LED: XD16 FWHM / FWTM: 12.0° / 24.0° Efficiency: 86 % Peak intensity: 11.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>CREE ⇄ LED</p> <p>LED: XHP35.2 HD FWHM / FWTM: 26.0° / 49.0° Efficiency: 85 % Peak intensity: 3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>CREE ⇄ LED</p> <p>LED: XP-G3 FWHM / FWTM: 16.0° / 34.0° Efficiency: 87 % Peak intensity: 6.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>CREE ⇄ LED</p> <p>LED: XP-L2 FWHM / FWTM: 22.0° / 42.0° Efficiency: 86 % Peak intensity: 4.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |

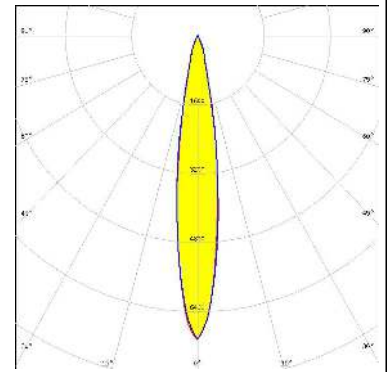
OPTICAL RESULTS (SIMULATED):

| | |
|--|---|
| <p>NICHIA</p> <p>LED: NV4WB35AM FWHM / FWTM: 22.0° / 40.0° Efficiency: 87 % Peak intensity: 4.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>OSRAM</p> <p>LED: PrevaLED Brick HP IP 2x6 FWHM / FWTM: 16.0° / 30.0° Efficiency: 87 % Peak intensity: 8.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSCONIQ P 3737 (2W version) FWHM / FWTM: 12.0° / 25.0° Efficiency: 87 % Peak intensity: 10.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSOLON Square CSSRM2/CSSRM3 FWHM / FWTM: 14.0° / 28.0° Efficiency: 87 % Peak intensity: 9.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |

OPTICAL RESULTS (SIMULATED):

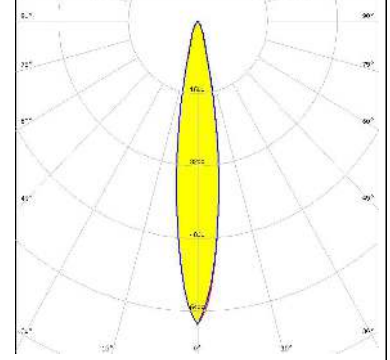
SAMSUNG

LED LH351B
 FWHM / FWTM 16.0° / 32.0°
 Efficiency 87 %
 Peak intensity 7.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

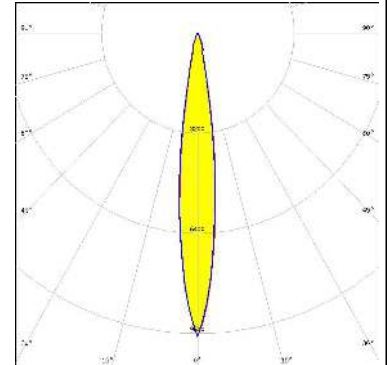


SAMSUNG

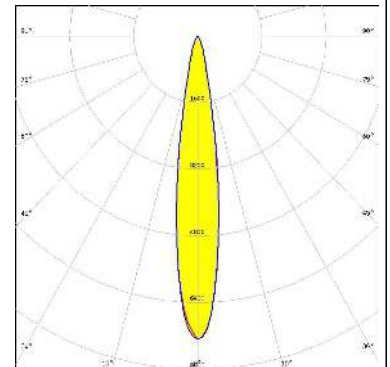
LED LH351C
 FWHM / FWTM 17.0° / 33.0°
 Efficiency 88 %
 Peak intensity 6.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED Z5M1/Z5M2
 FWHM / FWTM 14.0° / 27.0°
 Efficiency 88 %
 Peak intensity 9.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED Z5M4
 FWHM / FWTM 16.0° / 32.0°
 Efficiency 87 %
 Peak intensity 7.3 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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