

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 ⓘ

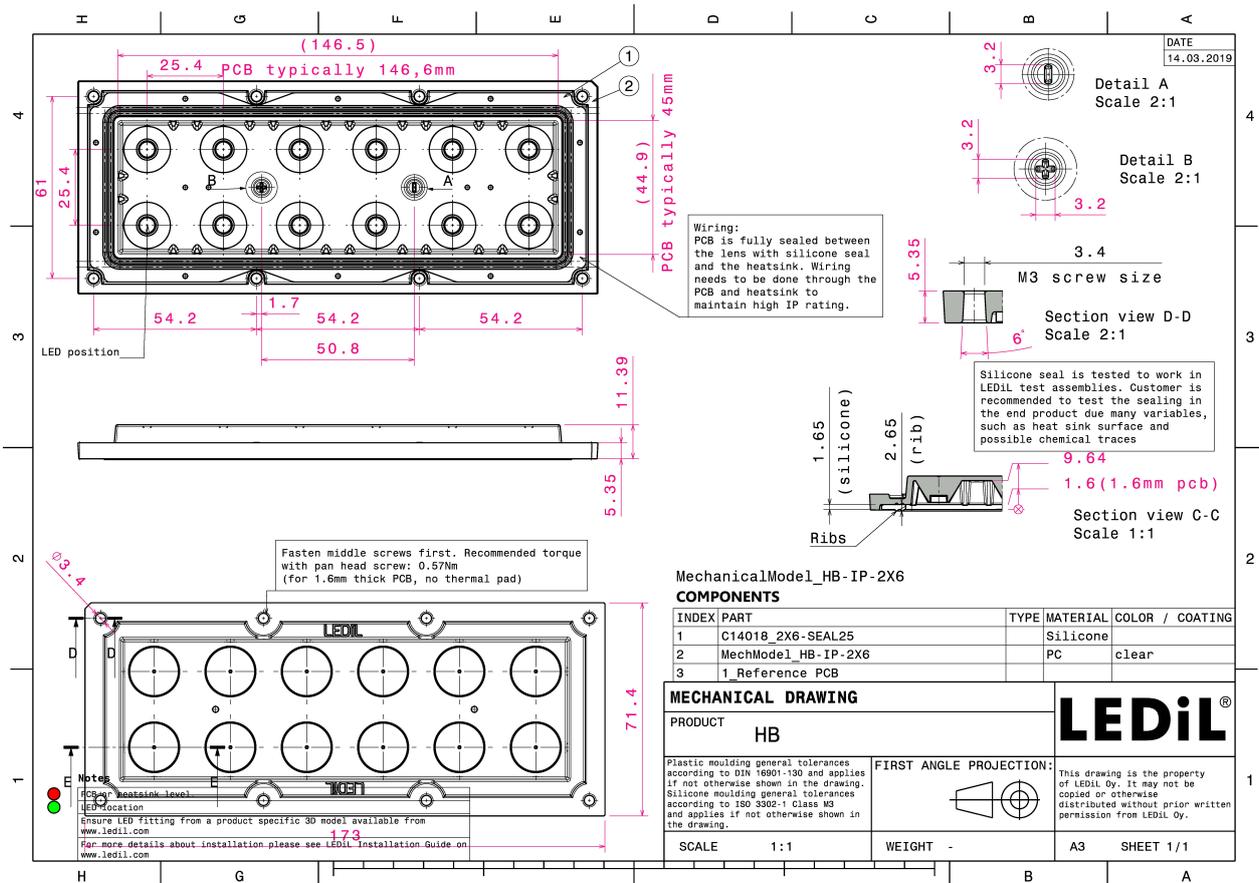
MATERIALS:

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



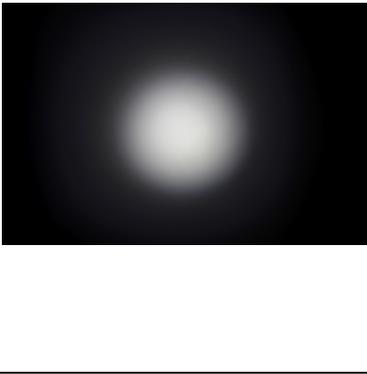
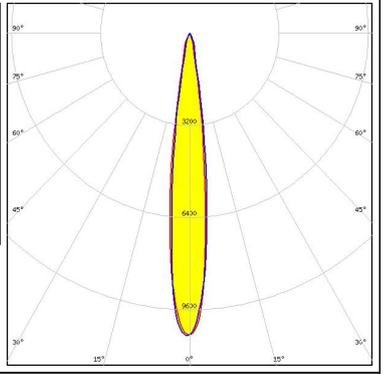
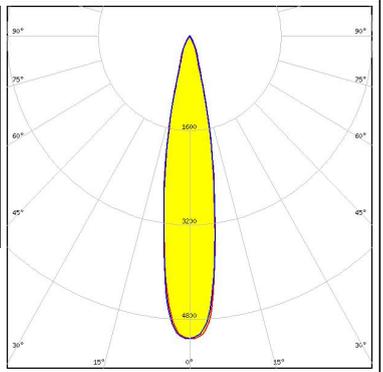
ORDERING INFORMATION:

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

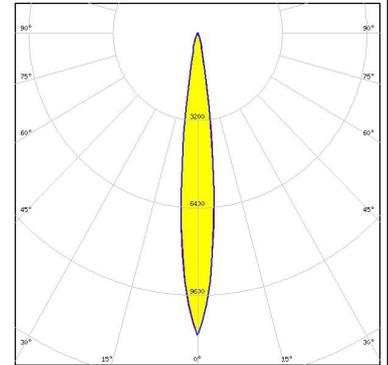
OPTICAL RESULTS (MEASURED):

<p>CREE LED</p> <p>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:</p>		
<p>NICHIA</p> <p>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:</p>		

OPTICAL RESULTS (SIMULATED):

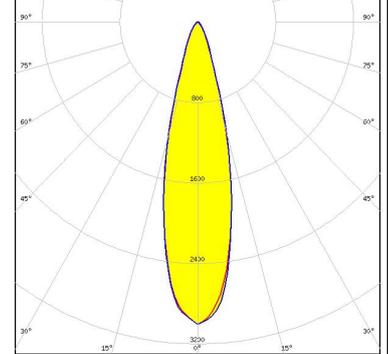
CREE LED

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:



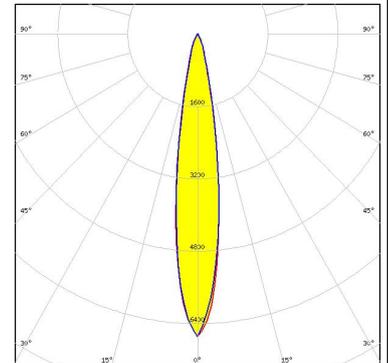
CREE LED

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:



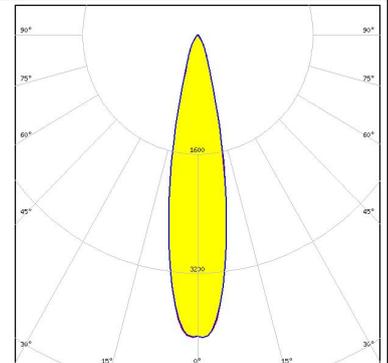
CREE LED

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:

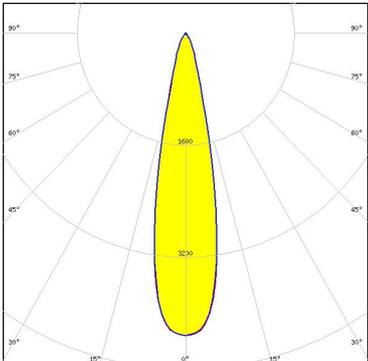
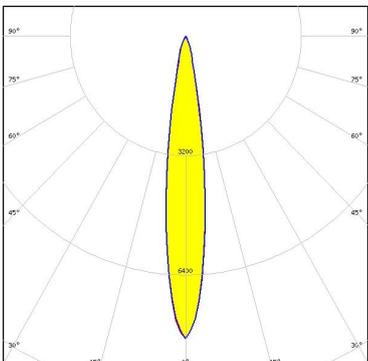
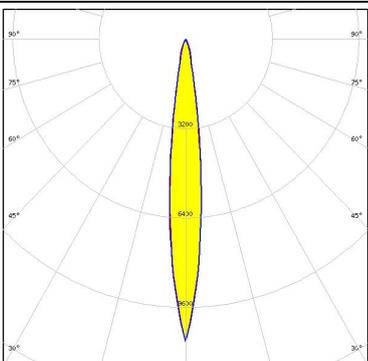
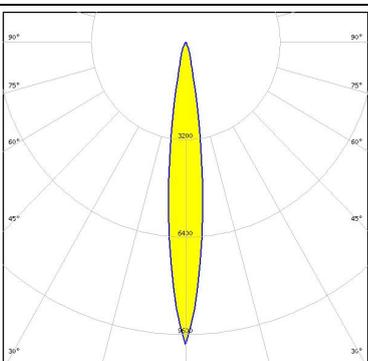


CREE LED

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:



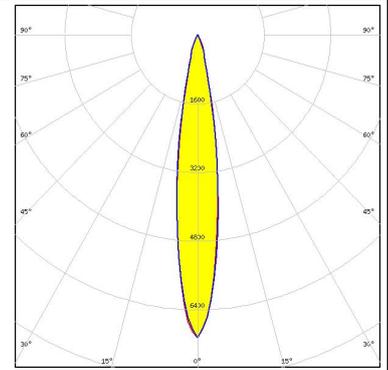
OPTICAL RESULTS (SIMULATED):

<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):

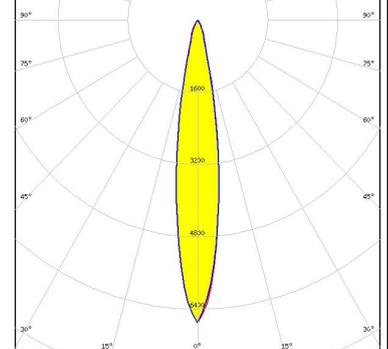
SAMSUNG

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:



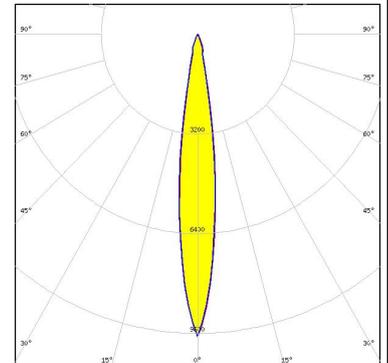
SAMSUNG

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:



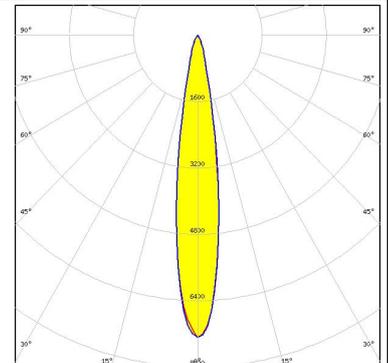
SEOUL SEMICONDUCTOR

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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