

## 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 ⓘ

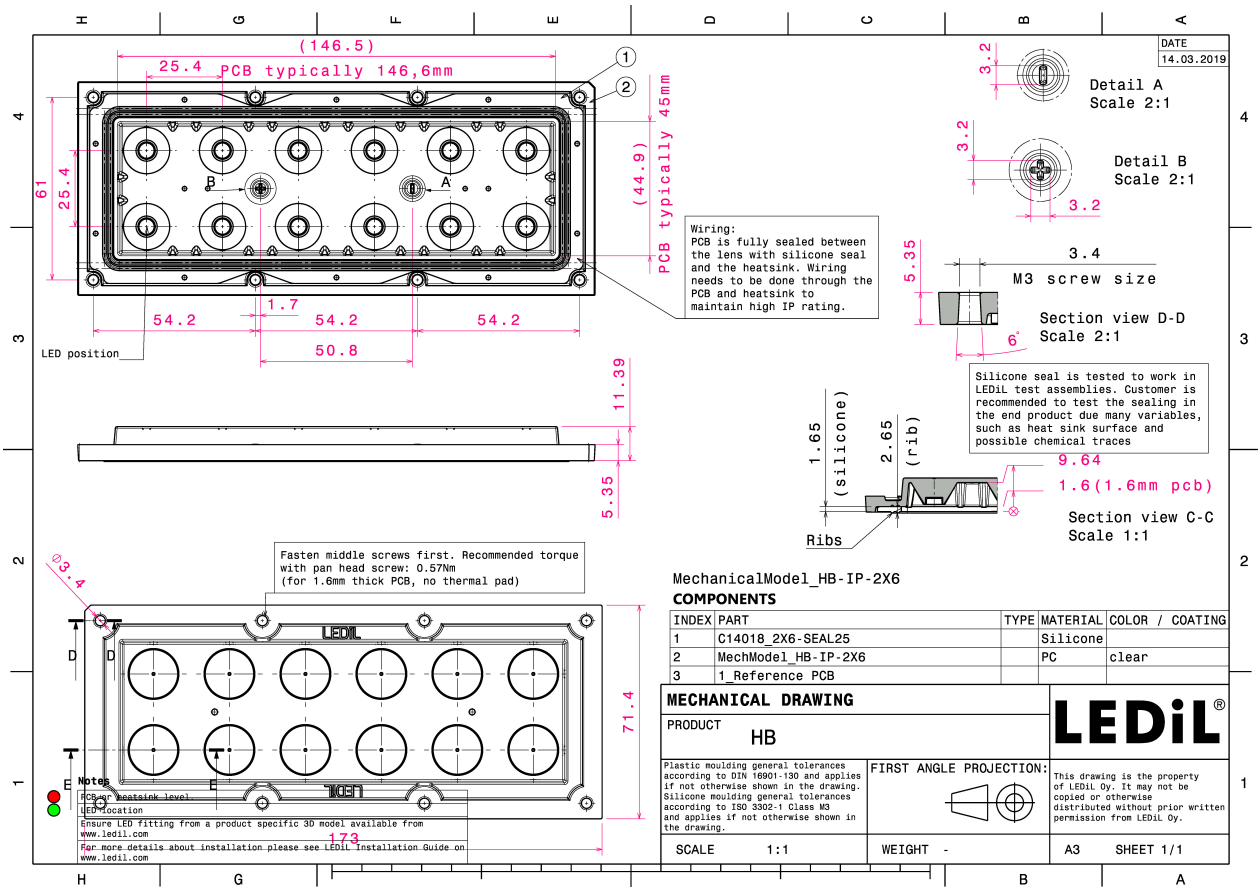
### MATERIALS:

Component	Type	Material	Colour	Finish	Length
HB-IP-2X6-RS-PC	Multi-lens	PC	clear		173.0
2X6-SEAL25	Seal	Silicone	white		



### ORDERING INFORMATION:

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

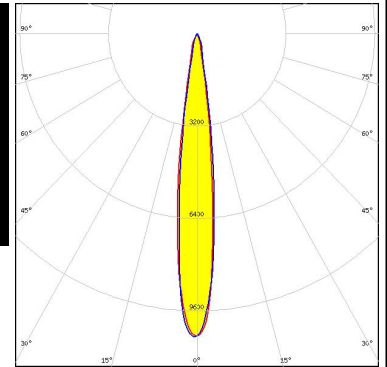


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



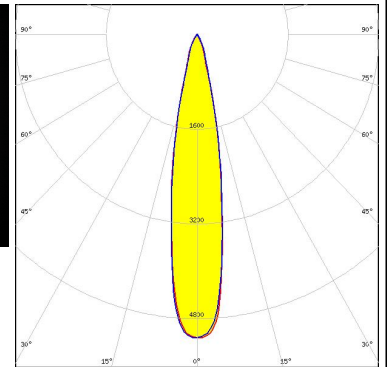
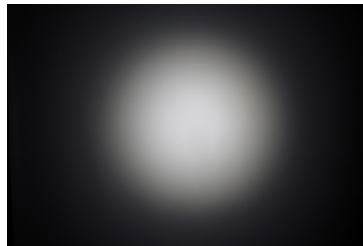
**LED** XP-G2  
**FWHM / FWTM** 14.0° / 25.0°  
**Efficiency** 89 %  
**Peak intensity** 10.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



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

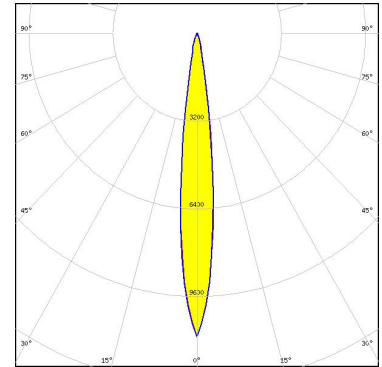


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



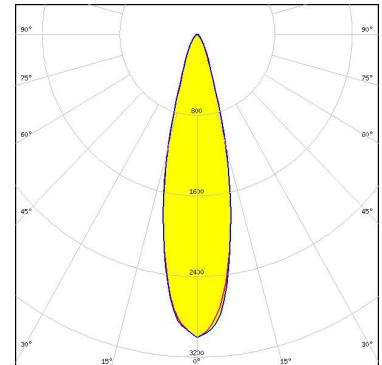
LED XD16  
 FWHM / FWTM 12.0° / 24.0°  
 Efficiency 86 %  
 Peak intensity 11.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



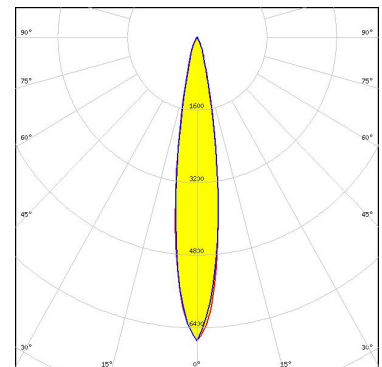
LED XHP35.2 HD  
 FWHM / FWTM 26.0° / 49.0°  
 Efficiency 85 %  
 Peak intensity 3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XP-G3  
 FWHM / FWTM 16.0° / 34.0°  
 Efficiency 87 %  
 Peak intensity 6.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

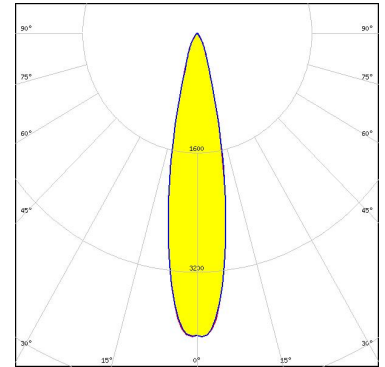


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



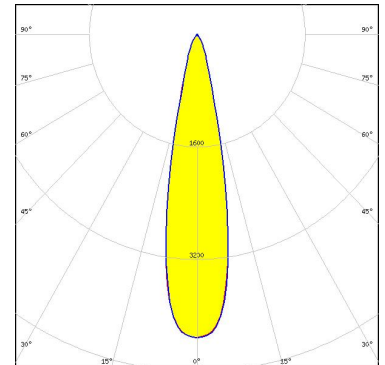
LED XP-L2  
FWHM / FWTM 22.0° / 42.0°  
Efficiency 86 %  
Peak intensity 4.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



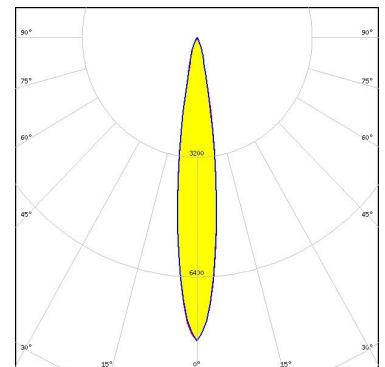
LED NV4WB35AM  
FWHM / FWTM 22.0° / 40.0°  
Efficiency 87 %  
Peak intensity 4.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



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/type White  
Required components:

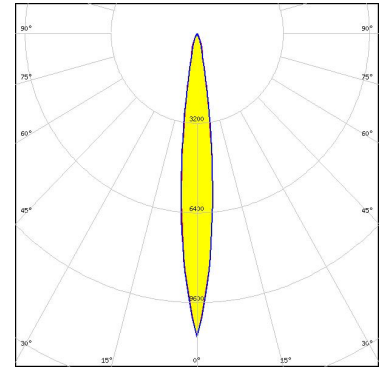


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

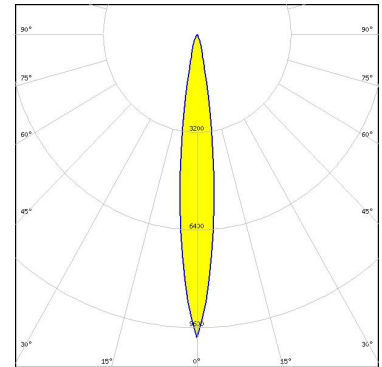
LED OSCONIQ P 3737 (2W version)  
FWHM / FWTM 12.0° / 25.0°  
Efficiency 87 %  
Peak intensity 10.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

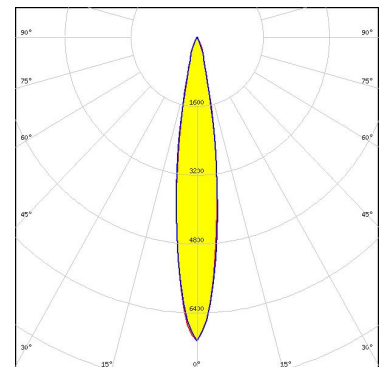
LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM 14.0° / 28.0°  
Efficiency 87 %  
Peak intensity 9.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**SAMSUNG**

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

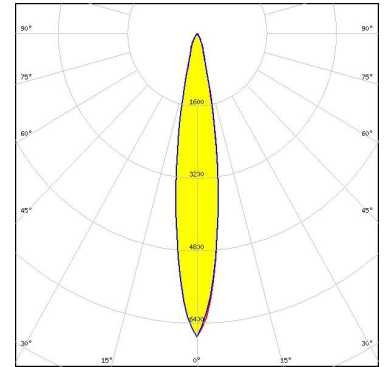


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

### SAMSUNG

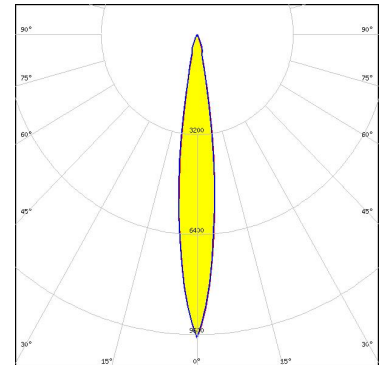
LED LH351C  
 FWHM / FWTM 17.0° / 33.0°  
 Efficiency 88 %  
 Peak intensity 6.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



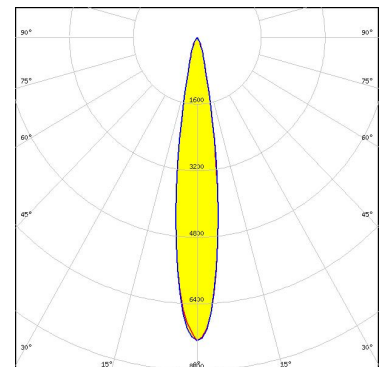
LED Z5M1/Z5M2  
 FWHM / FWTM 14.0° / 27.0°  
 Efficiency 88 %  
 Peak intensity 9.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED Z5M4  
 FWHM / FWTM 16.0° / 32.0°  
 Efficiency 87 %  
 Peak intensity 7.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

#### 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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