

## HB-IP-2X6-M-PC

~25° medium beam. Variant made from PC.

## SPECIFICATION:

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

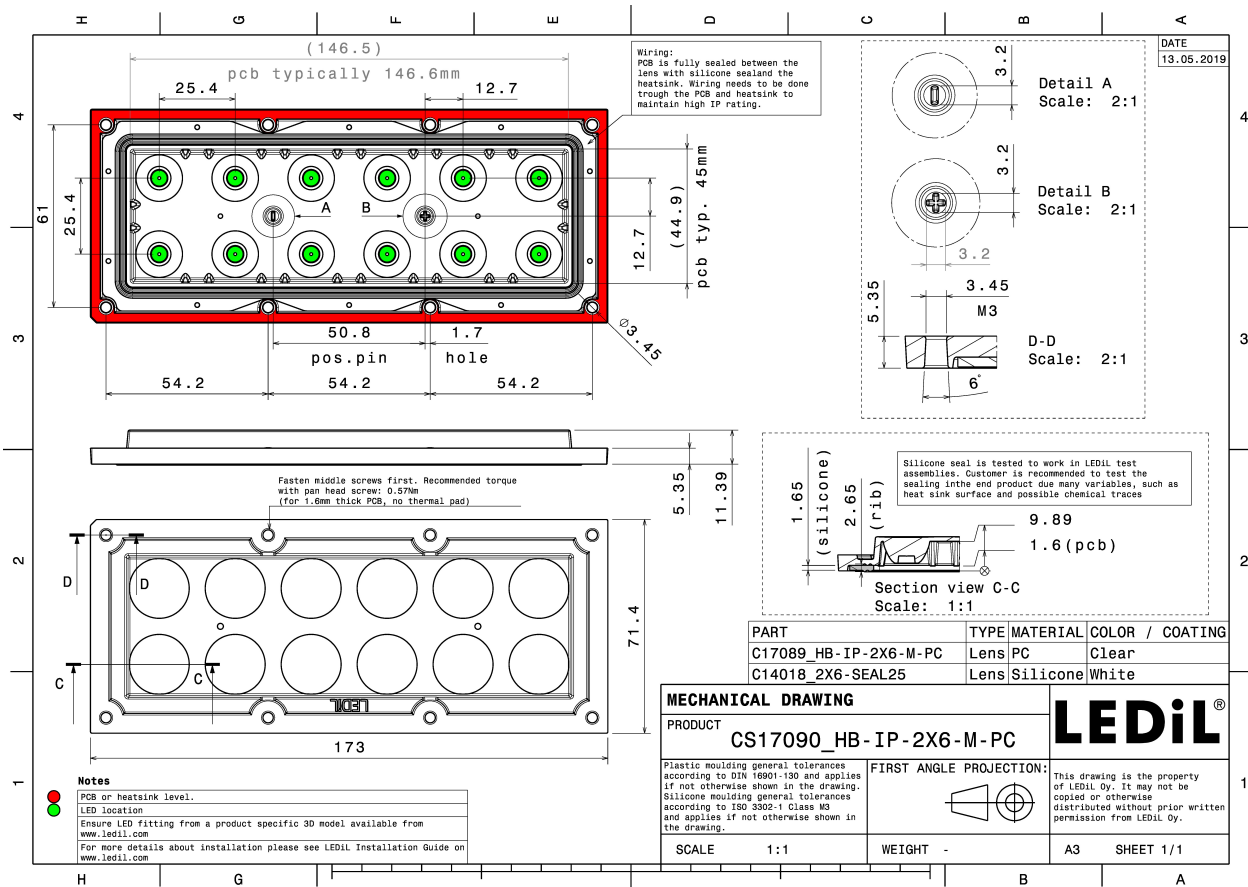
## MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
HB-IP-2X6-M-PC	Multi-lens	PC	clear		
2X6-SEAL25	Seal	Silicone	white		



## ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS17090_HB-IP-2X6-M-PC	Multi-lens	120	40	40	8.3
» Box size: 476 x 273 x 247 mm					

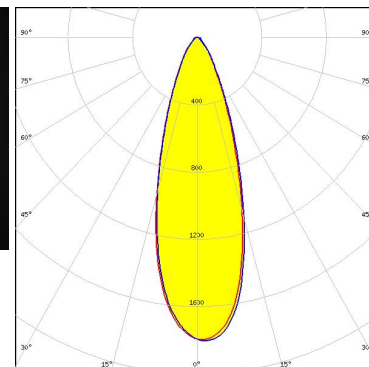
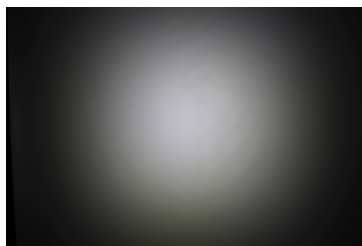


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



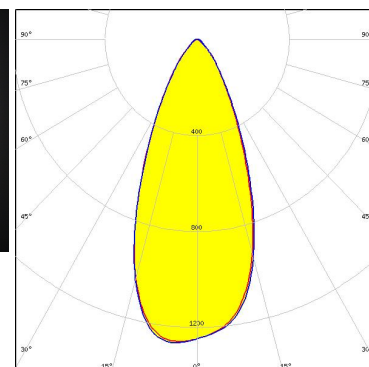
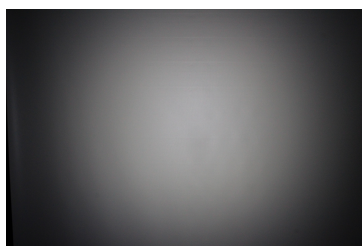
LED XP-G3  
 FWHM / FWTM 33.0° / 66.0°  
 Efficiency 86 %  
 Peak intensity 1.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED NVSW519A  
 FWHM / FWTM 44.0° / 81.0°  
 Efficiency 89 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

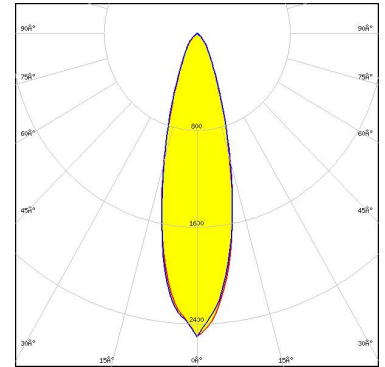


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

##### inventronics

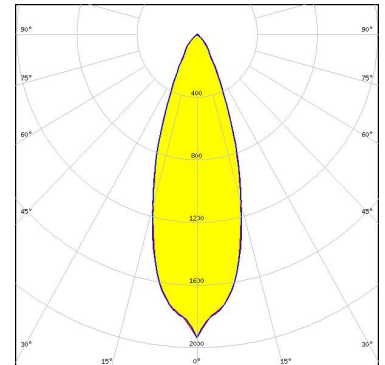
LED	PrevaLED Brick HP IP 2x6
FWHM / FWTM	28.0° / 58.0°
Efficiency	89 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

##### NICHIA

LED	NV4WB35AM
FWHM / FWTM	34.0° / 64.0°
Efficiency	89 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

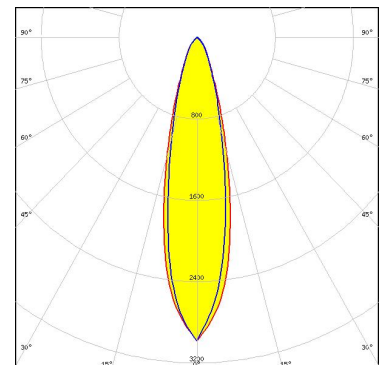


Light distribution files

##### OSRAM

Opto Semiconductors

LED	OSCONIQ P 3737 (2W version)
FWHM / FWTM	24.0° / 53.0°
Efficiency	89 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

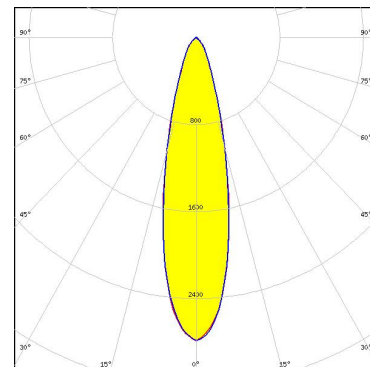


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



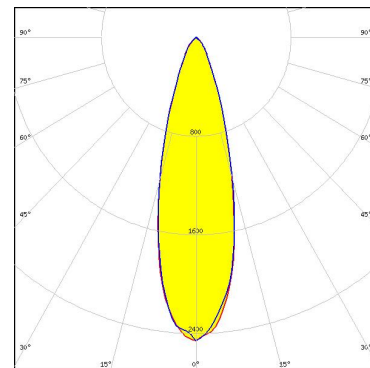
LED OSLON Square CSSRM2/CSSRM3  
 FWHM / FWTM 26.0° / 54.0°  
 Efficiency 89 %  
 Peak intensity 2.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



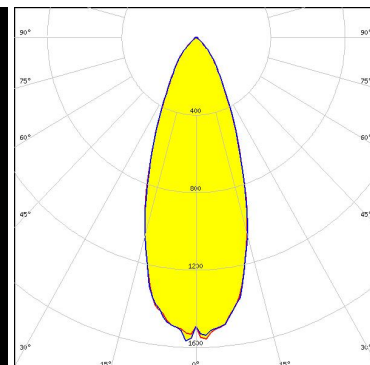
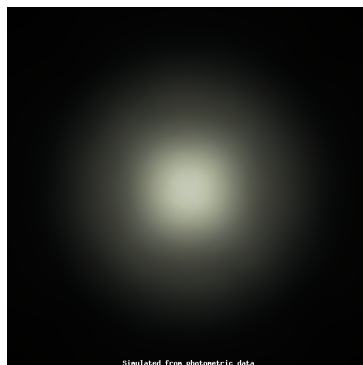
LED Z5M4  
 FWHM / FWTM 30.0° / 58.0°  
 Efficiency 89 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED Z5M4-E1  
 FWHM / FWTM 38.0° / 76.0 + 77.0°  
 Efficiency 89 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

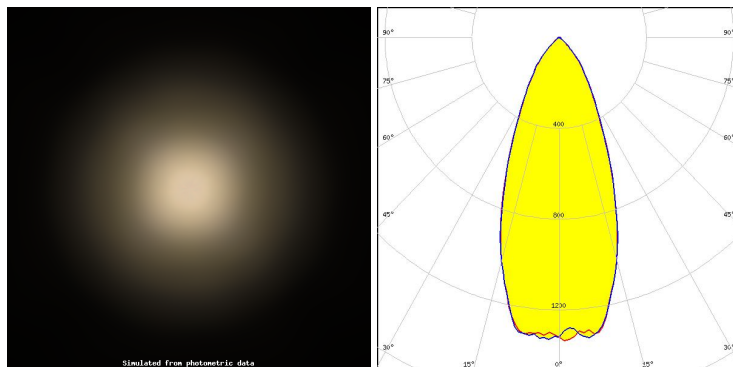


Light distribution files

### OPTICAL RESULTS (SIMULATED):



LED	Z5M4-E2
FWHM / FWTM	44.0° / 82.0 + 84.0°
Efficiency	89 %
Peak intensity	1.3 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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