

## YASMEEN-30-RS

~11° spot beam. Variant with holder.



### SPECIFICATION:

Dimensions	Ø 32.0
Height	18.9 mm
Fastening	tape, pin
ROHS compliant	yes 

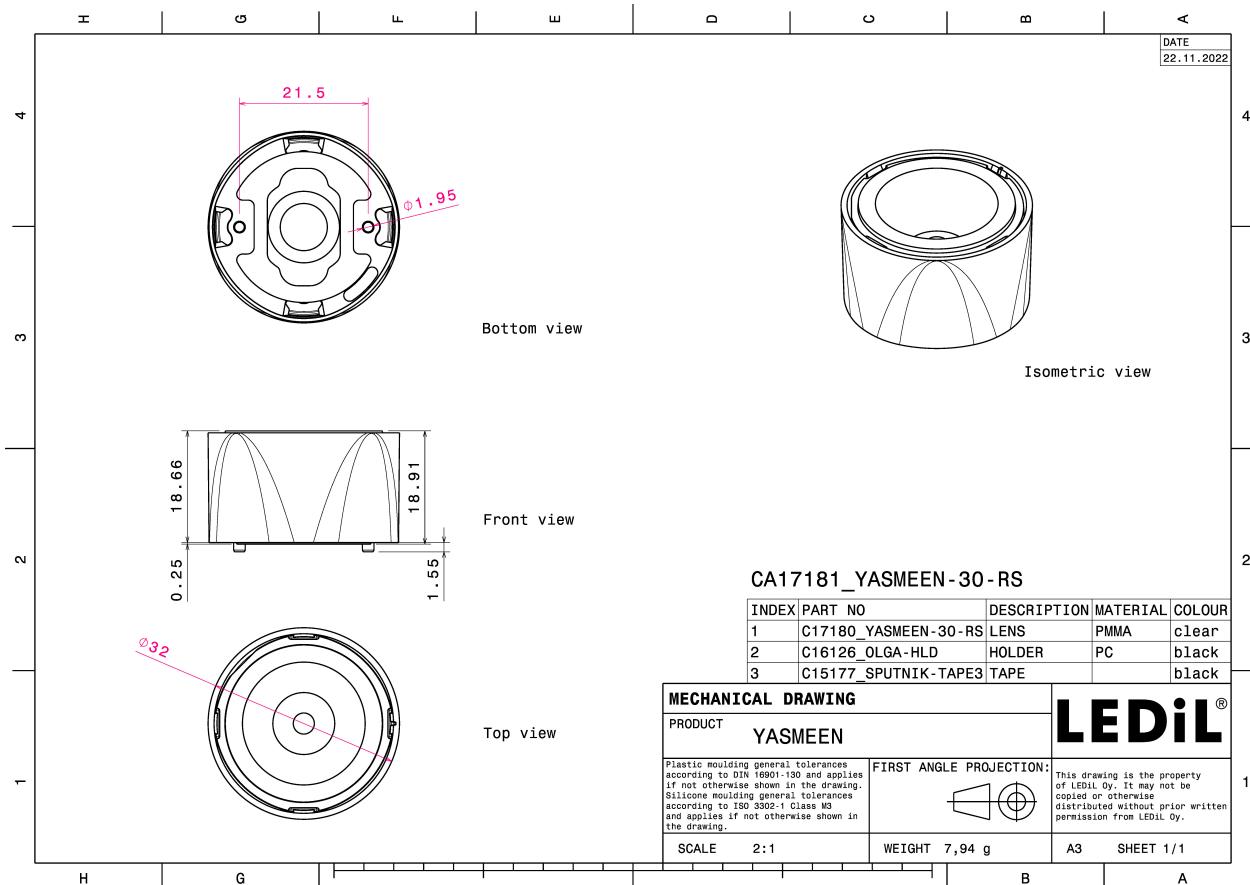
### MATERIALS:

LEDiL®

Component	Type	Material	Colour	Finish	Length (mm)
YASMEEN-30-RS	Single lens	PMMA	clear		
OLGA-HLD	Holder	PC	black		
SPUTNIK-TAPE3	Tape	Acrylic foam	black		

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA17181_YASMEEN-30-RS » Box size: 480 x 280 x 300 mm	792	132	66	7.7

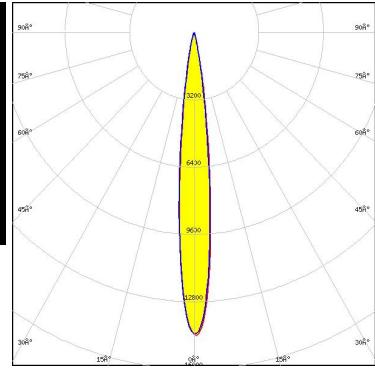


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## OPTICAL RESULTS (MEASURED):



LED XHP35 HI  
FWHM / FWTM 12.0° / 23.0°  
Efficiency 88 %  
Peak intensity 14.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

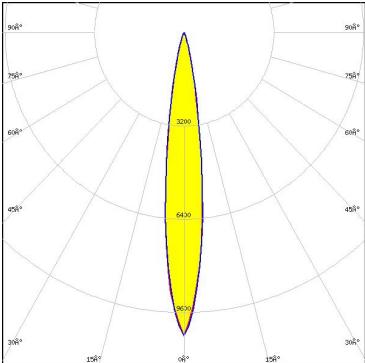


Light distribution files

## OPTICAL RESULTS (SIMULATED):



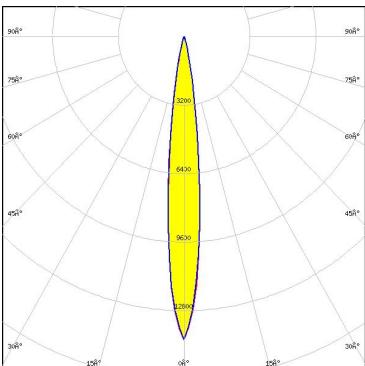
**LED** SMD 3838 RGBW 3V  
**FWHM / FWTM** 14.0° / 30.0°  
**Efficiency** 92 %  
**Peak intensity** 10.4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** RGBW  
**Required components:**



Light distribution files



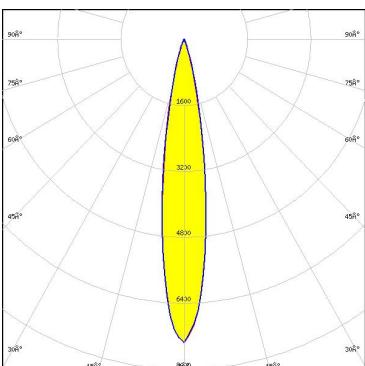
**LED** XHP35 HI  
**FWHM / FWTM** 12.0° / 24.0°  
**Efficiency** 91 %  
**Peak intensity** 14.2 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



**LED** XHP35.2 HD  
**FWHM / FWTM** 18.0° / 33.0°  
**Efficiency** 86 %  
**Peak intensity** 7.4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**

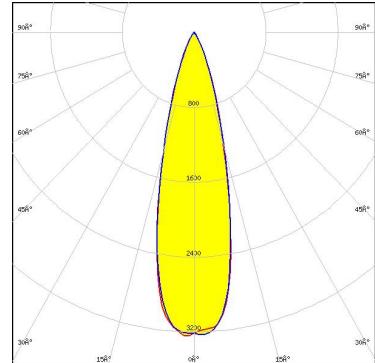


Light distribution files

## OPTICAL RESULTS (SIMULATED):



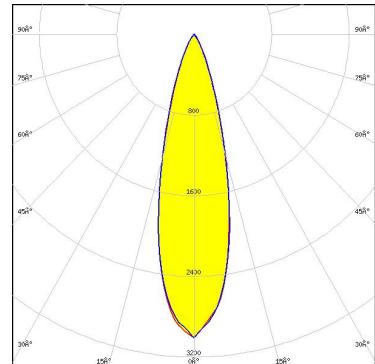
LED	XHP70
FWHM / FWTM	26.0° / 49.0°
Efficiency	86 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



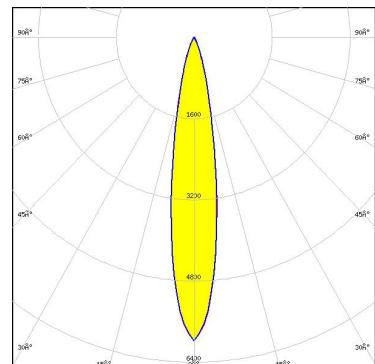
LED	XHP70.2
FWHM / FWTM	28.0° / 51.0°
Efficiency	82 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	XHP70.3 HI
FWHM / FWTM	18.0° / 38.0°
Efficiency	87 %
Peak intensity	6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

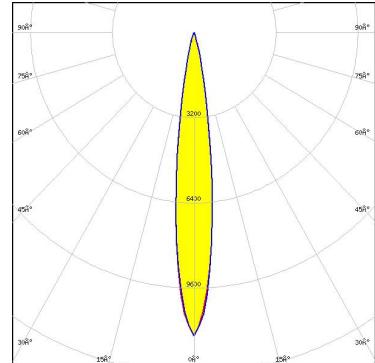


Light distribution files

## OPTICAL RESULTS (SIMULATED):



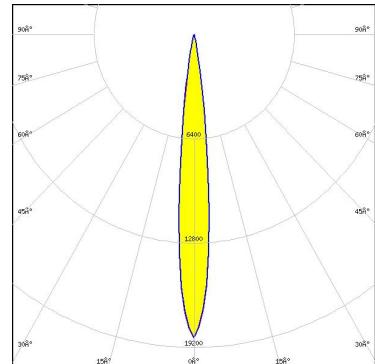
LED	XM-L
FWHM / FWTM	14.0° / 28.0°
Efficiency	91 %
Peak intensity	11.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



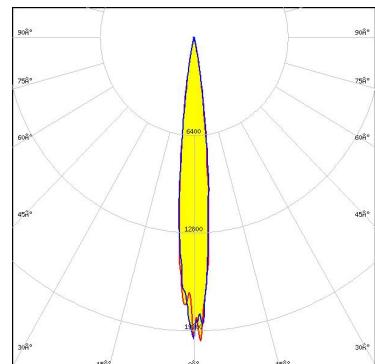
LED	XP-E2
FWHM / FWTM	12.0° / 22.0°
Efficiency	92 %
Peak intensity	18.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	XP-G2
FWHM / FWTM	11.4° / 20.8°
Efficiency	92 %
Peak intensity	22.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

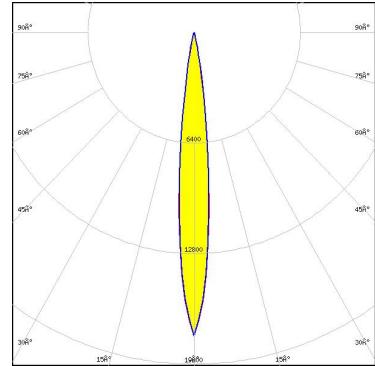


Light distribution files

### OPTICAL RESULTS (SIMULATED):



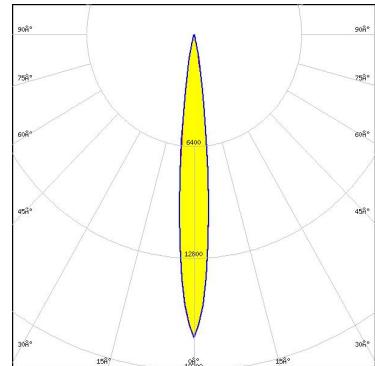
**LED** XP-G4  
**FWHM / FWTM** 12.0° / 22.0°  
**Efficiency** 92 %  
**Peak intensity** 17.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



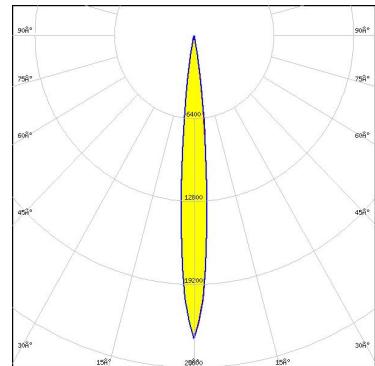
**LED** XP-G4 HI  
**FWHM / FWTM** 12.0° / 22.0°  
**Efficiency** 90 %  
**Peak intensity** 17.4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



**LED** XP-P  
**FWHM / FWTM** 10.0° / 20.0°  
**Efficiency** 96 %  
**Peak intensity** 23.4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**

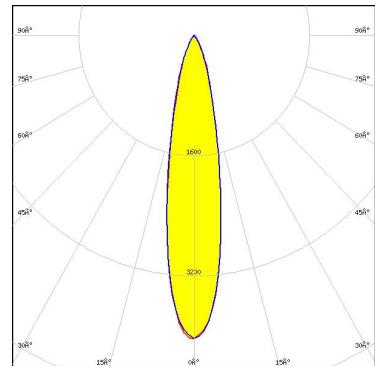


Light distribution files

## OPTICAL RESULTS (SIMULATED):



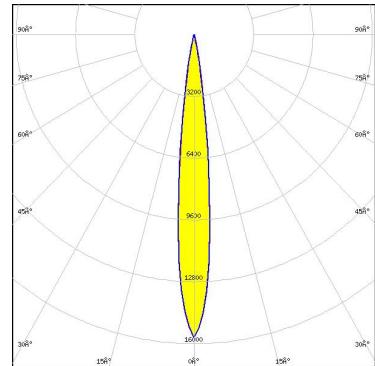
LED	LUXEON 7070
FWHM / FWTM	20.0° / 47.0°
Efficiency	84 %
Peak intensity	4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



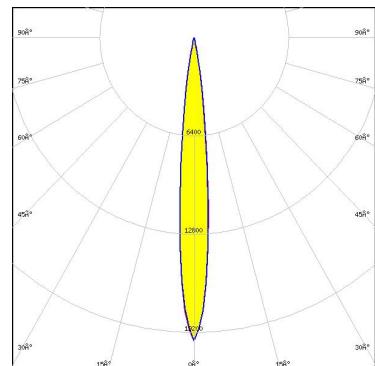
LED	LUXEON C
FWHM / FWTM	12.0° / 22.0°
Efficiency	86 %
Peak intensity	15.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	LUXEON CZ
FWHM / FWTM	11.0° / 20.0°
Efficiency	92 %
Peak intensity	19.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

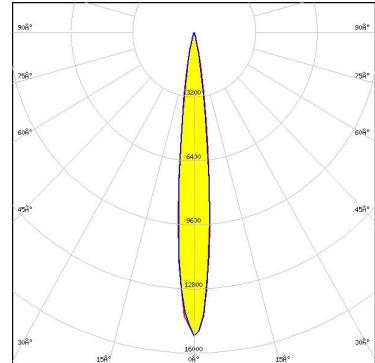


Light distribution files

## OPTICAL RESULTS (SIMULATED):



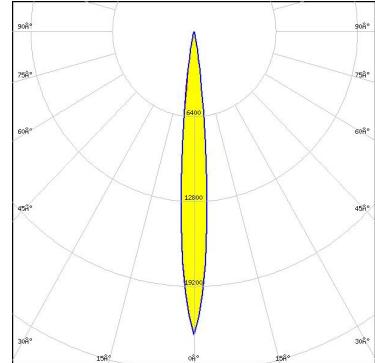
LED	LUXEON HL4Z
FWHM / FWTM	12.0° / 24.0°
Efficiency	91 %
Peak intensity	15.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



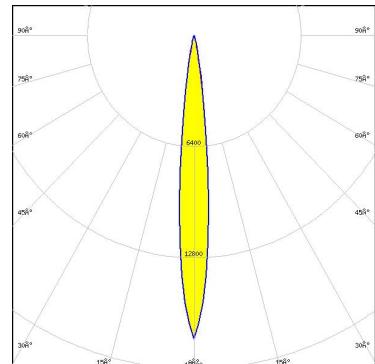
LED	SFT-12R-WES
FWHM / FWTM	10.0° / 20.0°
Efficiency	92 %
Peak intensity	22.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	SST-20 Gen2
FWHM / FWTM	12.0° / 22.0°
Efficiency	91 %
Peak intensity	17.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

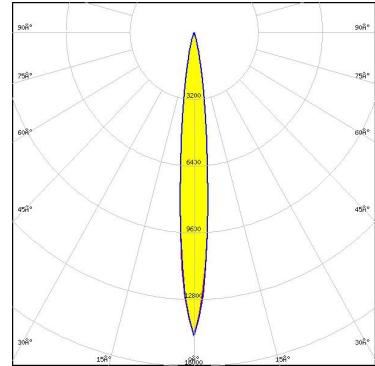


Light distribution files

## OPTICAL RESULTS (SIMULATED):



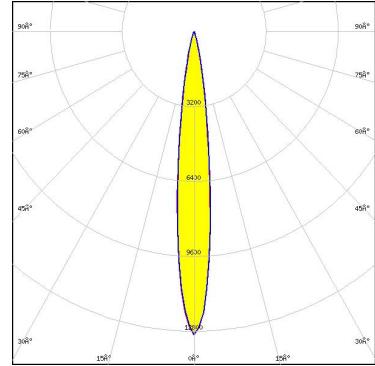
LED NCSxE17A  
 FWHM / FWTM 10.0° / 24.0°  
 Efficiency 88 %  
 Peak intensity 14.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



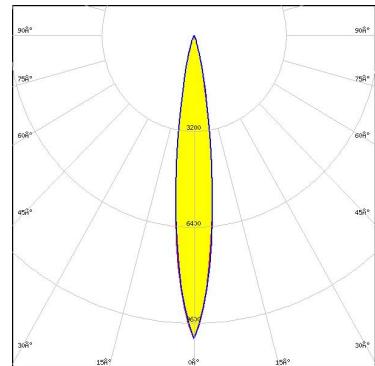
LED NF2x757G  
 FWHM / FWTM 12.0° / 26.0°  
 Efficiency 91 %  
 Peak intensity 13 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED NV4WB35AM  
 FWHM / FWTM 14.0° / 30.0°  
 Efficiency 91 %  
 Peak intensity 10.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

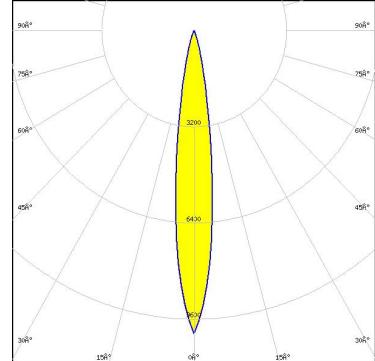


Light distribution files

## OPTICAL RESULTS (SIMULATED):



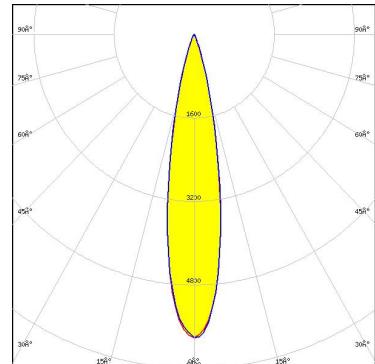
LED NV4WB35AM  
 FWHM / FWTM 14.0° / 30.0°  
 Efficiency 91 %  
 Peak intensity 10.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



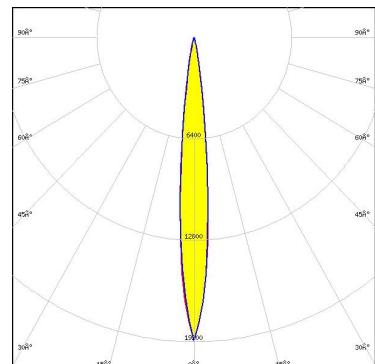
LED NV4x144A  
 FWHM / FWTM 20.0° / 38.0°  
 Efficiency 88 %  
 Peak intensity 5.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED NVSW219C-V2  
 FWHM / FWTM 10.0° / 22.0°  
 Efficiency 91 %  
 Peak intensity 19.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

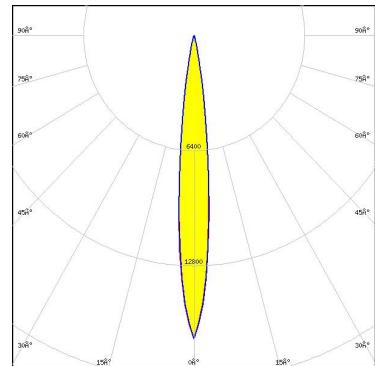


Light distribution files

## OPTICAL RESULTS (SIMULATED):



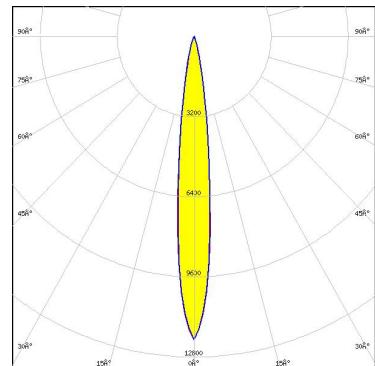
**LED** NVSW719AC  
**FWHM / FWTM** 12.0° / 22.0°  
**Efficiency** 92 %  
**Peak intensity** 16.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



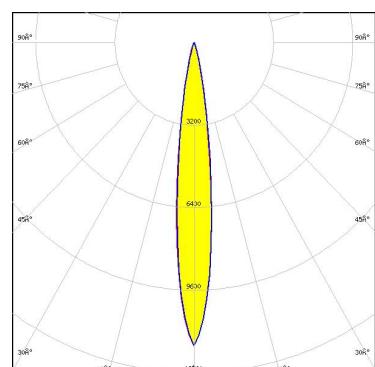
**LED** NVSeE21A  
**FWHM / FWTM** 12.0° / 28.0°  
**Efficiency** 89 %  
**Peak intensity** 12.1 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



**LED** OSCONIQ P 3737 (3W version)  
**FWHM / FWTM** 14.0° / 28.0°  
**Efficiency** 91 %  
**Peak intensity** 11.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**

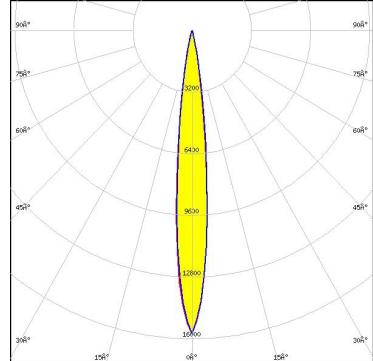


Light distribution files

## OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

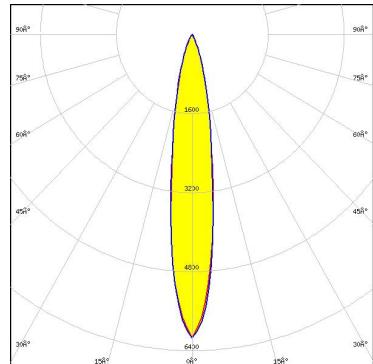
LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM 12.0° / 24.0°  
Efficiency 91 %  
Peak intensity 15.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**SAMSUNG**

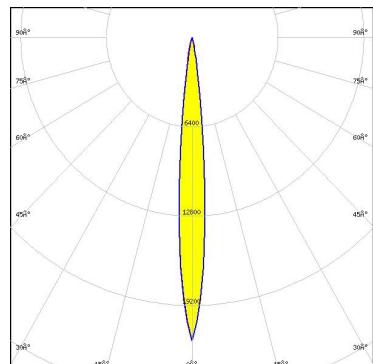
LED LH151B  
FWHM / FWTM 16.0° / 39.0°  
Efficiency 88 %  
Peak intensity 6.1 cd/lm  
LEDs/each optic 4  
Light colour/type White  
Required components:



Light distribution files

**SAMSUNG**

LED LH351C  
FWHM / FWTM 10.0° / 20.0°  
Efficiency 94 %  
Peak intensity 21.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

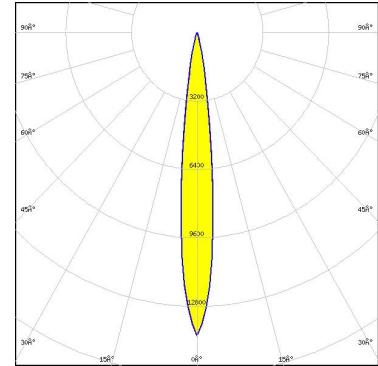


Light distribution files

## OPTICAL RESULTS (SIMULATED):

### SAMSUNG

LED LH351D  
FWHM / FWTM 12.0° / 24.0°  
Efficiency 92 %  
Peak intensity 14.2 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

## PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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