

LEILA-Y-SS

~14° smooth spot beam. 14.8 mm high assembly with black holder, installation tape and pins.

SPECIFICATION:

Dimensions	Ø 21.6
Height	14.8 mm
Fastening	tape, pin
ROHS compliant	yes 

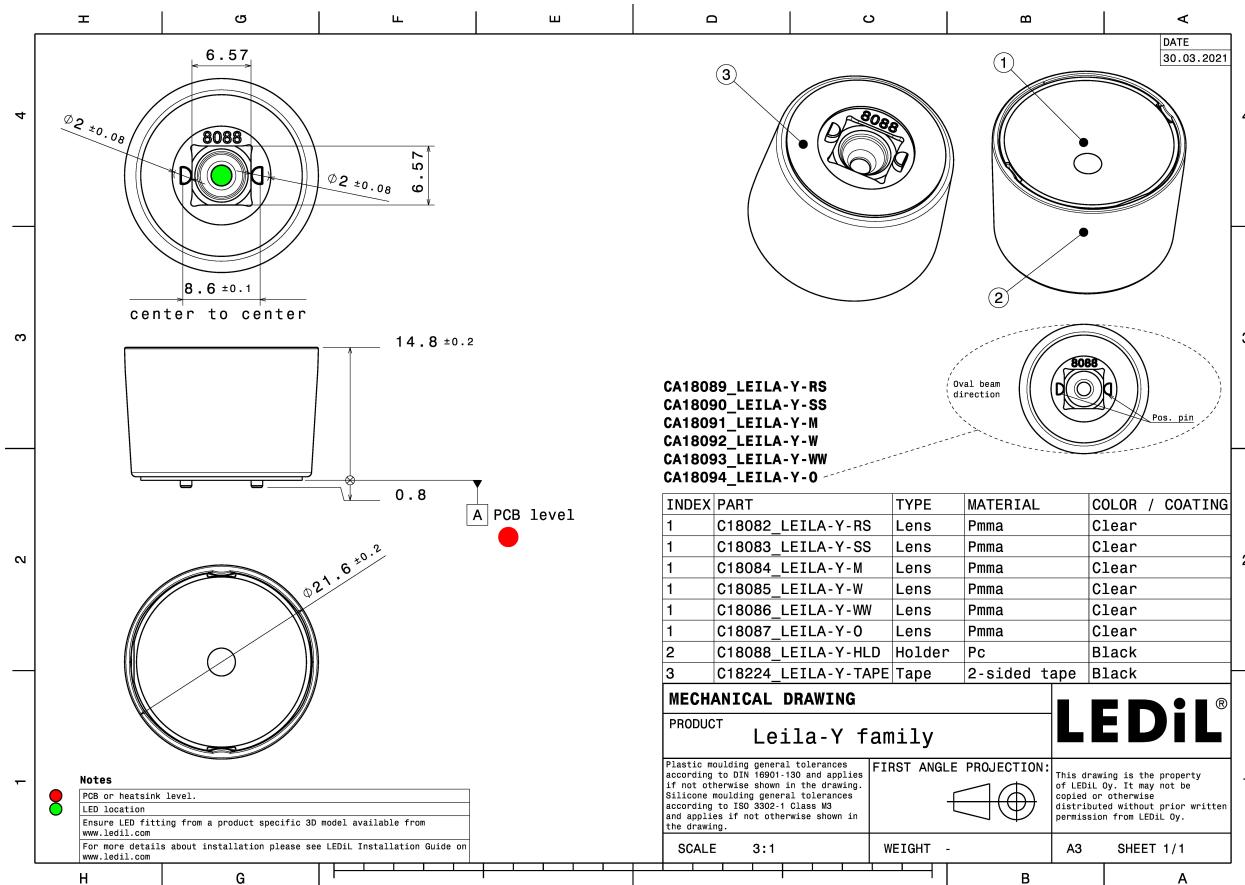


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LEILA-Y-HLD	Holder	PC	black	gloss	
LEILA-Y-SS	Single lens	PMMA	clear	gloss	
LEILA-Y-TAPE	Tape	Acryl tape			

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18090_LEILA-Y-SS	1800	180	180	7.2
» Box size: 476 x 273 x 197 mm				

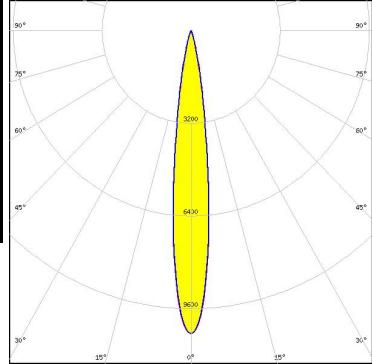


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



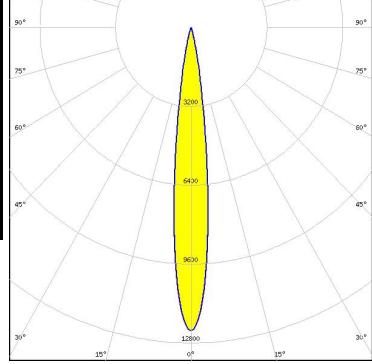
LED XHP35 HI
 FWHM / FWTM 14.0° / 27.0°
 Efficiency 83 %
 Peak intensity 10.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



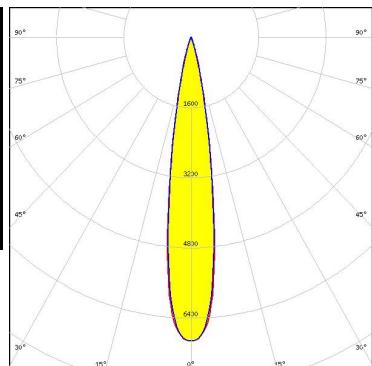
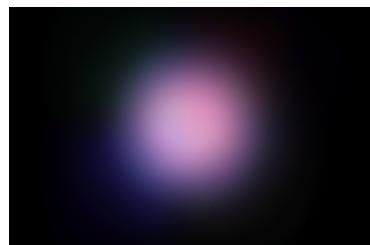
LED XP-G4
 FWHM / FWTM 13.0° / 25.0°
 Efficiency 85 %
 Peak intensity 12.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-L RGBW HD
 FWHM / FWTM 17.0° / 31.0°
 Efficiency 81 %
 Peak intensity 7 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:

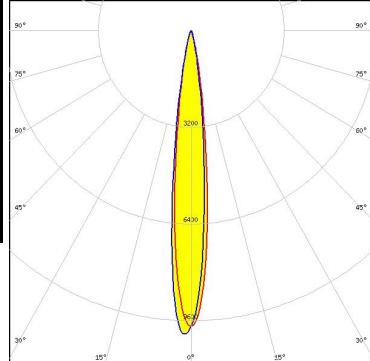


Light distribution files

OPTICAL RESULTS (MEASURED):



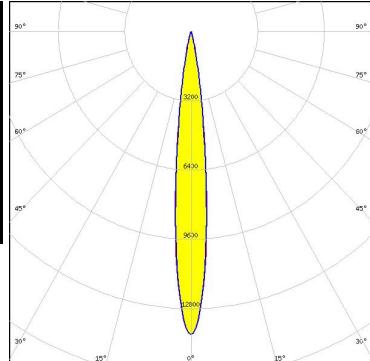
LED XP-L RGBW HI Blend
FWHM / FWTM 12.0° / 25.0°
Efficiency 75 %
Peak intensity 10 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



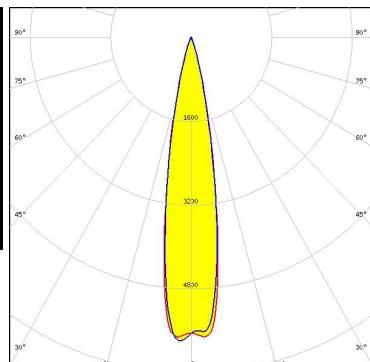
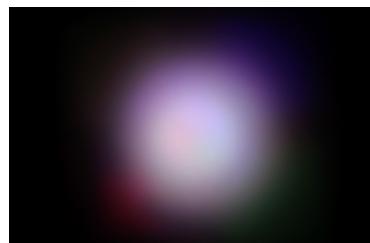
LED NVSW719AC
FWHM / FWTM 12.0° / 24.0°
Efficiency 85 %
Peak intensity 14 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSLON Pure 1414
FWHM / FWTM 19.0° / 33.0°
Efficiency 80 %
Peak intensity 5.9 cd/Im
LEDs/each optic 4
Light colour/type RGBW
Required components:

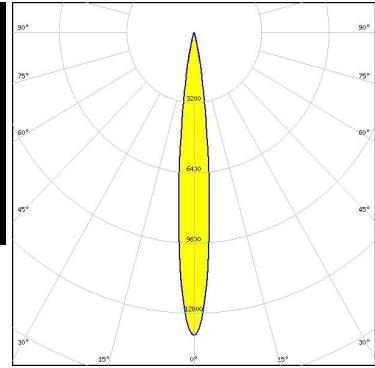
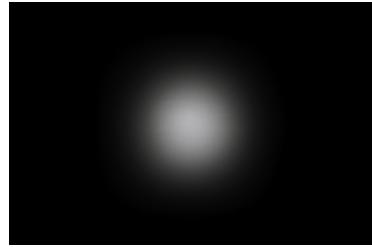


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 12.0° / 24.0°
Efficiency 84 %
Peak intensity 13.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

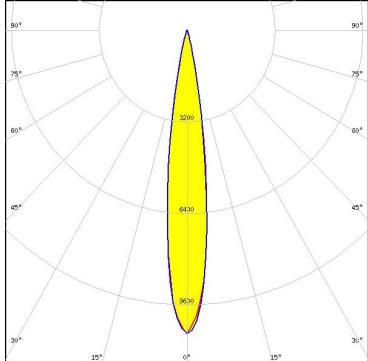
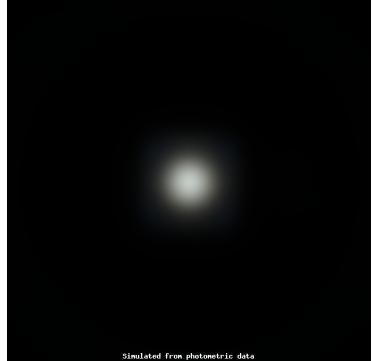


Light distribution files

OPTICAL RESULTS (SIMULATED):



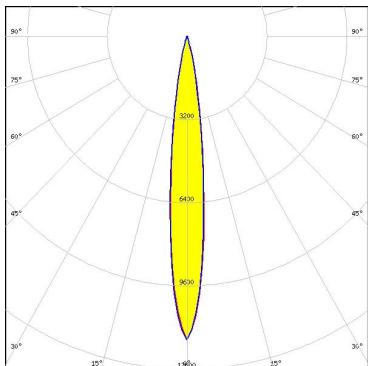
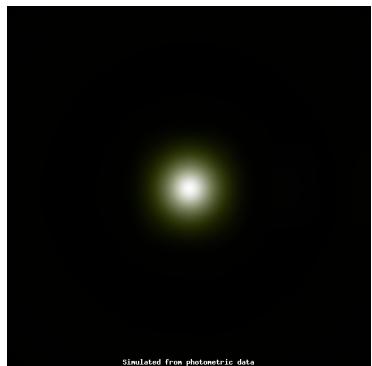
LED Bridgelux SMD 3535 (3B1)
FWHM / FWTM 16.0° / 28.0 + 27.0°
Efficiency 88 %
Peak intensity 10.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



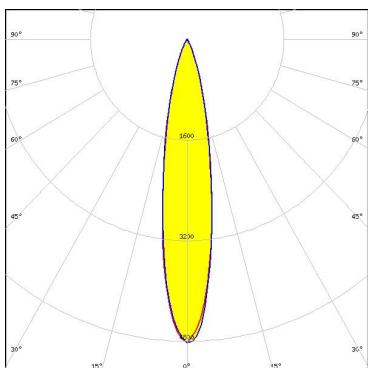
LED J Series 3030C
FWHM / FWTM 13.0 + 14.0° / 27.0 + 28.0°
Efficiency 87 %
Peak intensity 11.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED J Series 5050 Round LES
FWHM / FWTM 19.0° / 42.0°
Efficiency 82 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

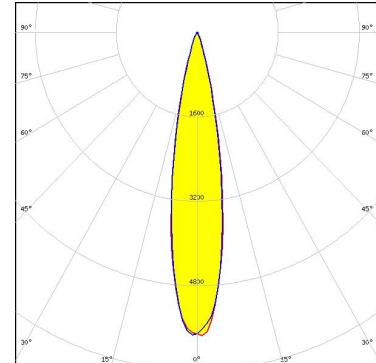


Light distribution files

OPTICAL RESULTS (SIMULATED):



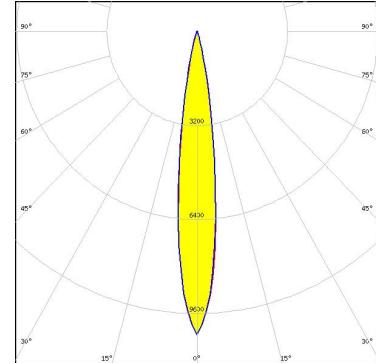
LED	XHP35 HD
FWHM / FWTM	20.0° / 36.0°
Efficiency	83 %
Peak intensity	5.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



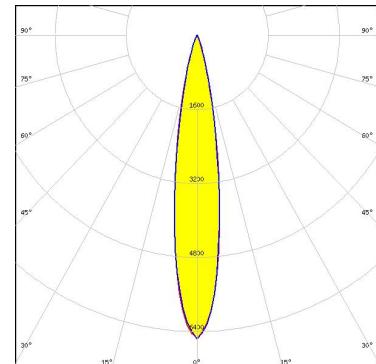
LED	XHP35 HI
FWHM / FWTM	14.0° / 28.0°
Efficiency	87 %
Peak intensity	10.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	XHP35.2 HI
FWHM / FWTM	18.0° / 34.0°
Efficiency	83 %
Peak intensity	6.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

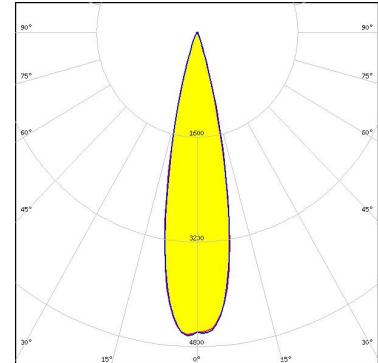


Light distribution files

OPTICAL RESULTS (SIMULATED):



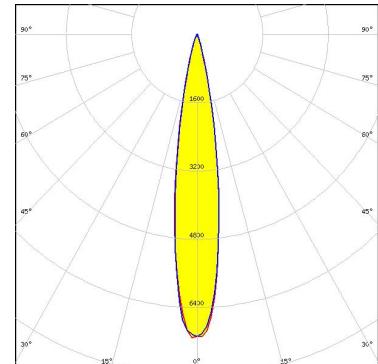
LED	XM-L RGBW (XMLDCL HD)
FWHM / FWTM	24.0° / 38.0°
Efficiency	83 %
Peak intensity	4.7 cd/lm
LEDs/each optic	1
Light colour/type	RGBW
Required components:	



Light distribution files



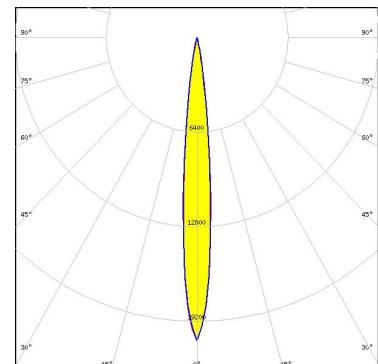
LED	XM-L3
FWHM / FWTM	17.0° / 31.0°
Efficiency	80 %
Peak intensity	7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	XP-E
FWHM / FWTM	10.0° / 20.0°
Efficiency	90 %
Peak intensity	20.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

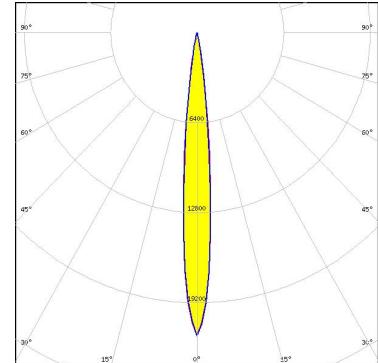


Light distribution files

OPTICAL RESULTS (SIMULATED):



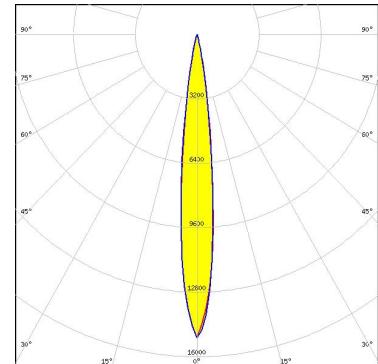
LED	XP-E2
FWHM / FWTM	11.0° / 20.0°
Efficiency	91 %
Peak intensity	21 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



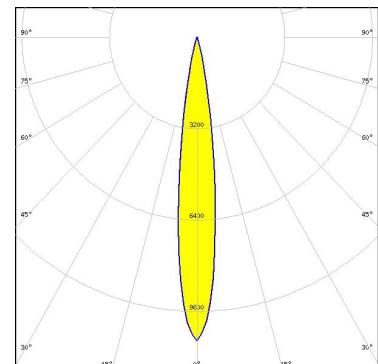
LED	XP-G2
FWHM / FWTM	13.0° / 24.0°
Efficiency	90 %
Peak intensity	15 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	XP-G3
FWHM / FWTM	14.0° / 27.0°
Efficiency	84 %
Peak intensity	10 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

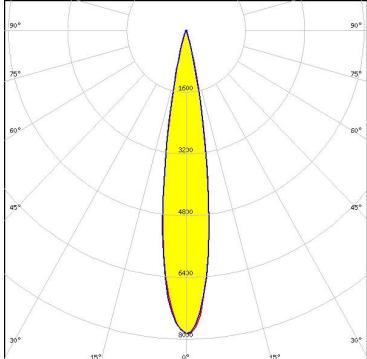


Light distribution files

OPTICAL RESULTS (SIMULATED):



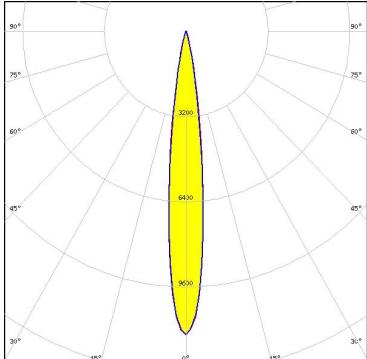
LED	XP-L RGBW HD
FWHM / FWTM	18.0° / 30.0°
Efficiency	84 %
Peak intensity	7.9 cd/lm
LEDs/each optic	1
Light colour/type	RGBW
Required components:	



Light distribution files



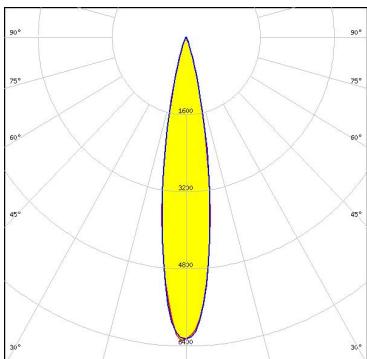
LED	XP-L RGBW HI Blend
FWHM / FWTM	14.0° / 26.0°
Efficiency	86 %
Peak intensity	11.4 cd/lm
LEDs/each optic	1
Light colour/type	RGBW
Required components:	



Light distribution files



LED	XP-L2
FWHM / FWTM	18.0° / 34.0°
Efficiency	81 %
Peak intensity	6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

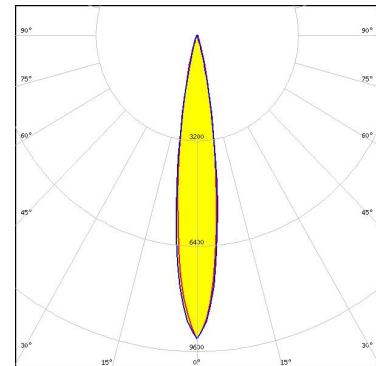


Light distribution files

OPTICAL RESULTS (SIMULATED):



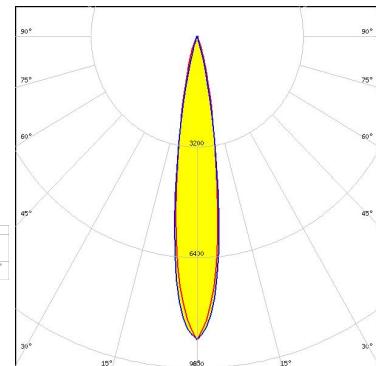
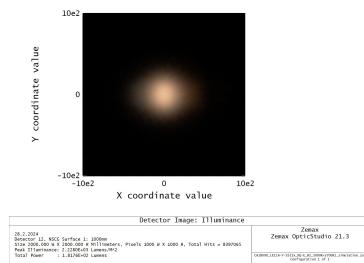
LED	XQ-E HD
FWHM / FWTM	15.0 + 16.0° / 30.0 + 28.0°
Efficiency	86 %
Peak intensity	9.2 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	



Light distribution files



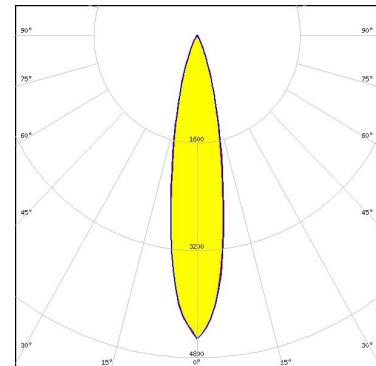
LED	XQ-E HI
FWHM / FWTM	16.0° / 33.0 + 30.0°
Efficiency	87 %
Peak intensity	8.8 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	



Light distribution files



LED	LUXEON 5050 Round LES
FWHM / FWTM	20.0° / 43.0°
Efficiency	82 %
Peak intensity	4.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

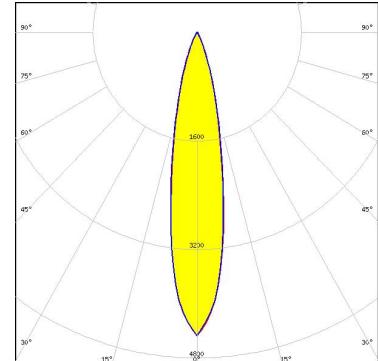


Light distribution files

OPTICAL RESULTS (SIMULATED):



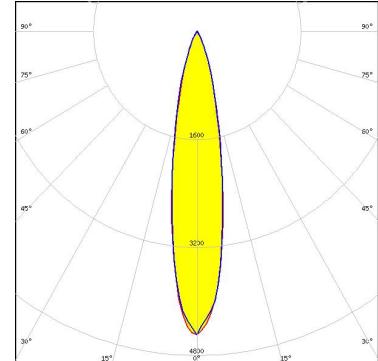
LED LUXEON 5050 Round LES
 FWHM / FWTM 20.0° / 42.0°
 Efficiency 82 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



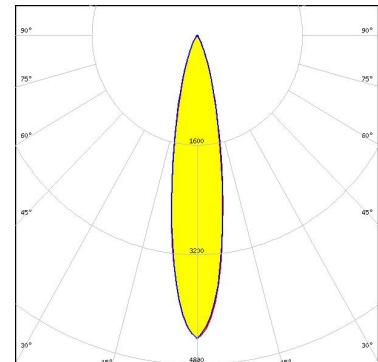
LED LUXEON 5050 Square LES
 FWHM / FWTM 20.0° / 43.0°
 Efficiency 81 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON 5050 Square LES
 FWHM / FWTM 20.0° / 44.0°
 Efficiency 81 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

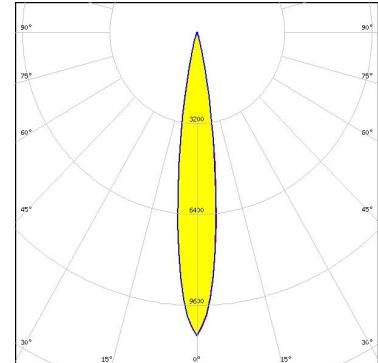


Light distribution files

OPTICAL RESULTS (SIMULATED):



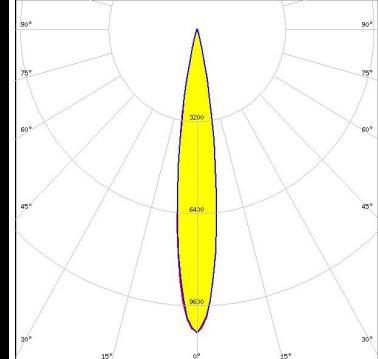
LED LUXEON HL2X
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 87 %
 Peak intensity 10.7 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



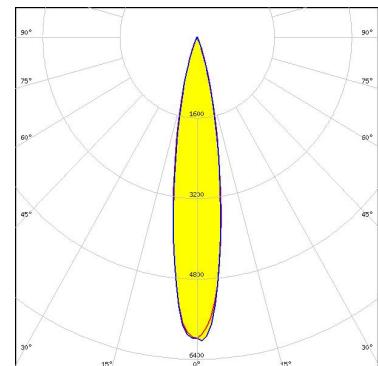
LED LUXEON HL2X-V
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 88 %
 Peak intensity 10.5 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON MZ
 FWHM / FWTM 18.0° / 36.0°
 Efficiency 84 %
 Peak intensity 6 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:

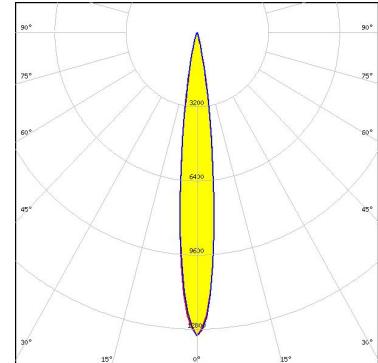


Light distribution files

OPTICAL RESULTS (SIMULATED):



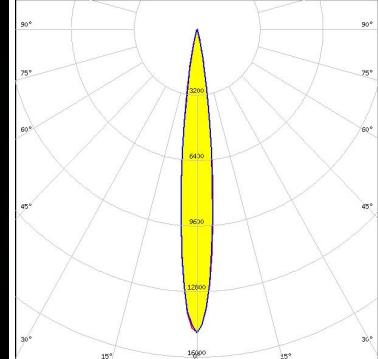
LED LUXEON TX
 FWHM / FWTM 13.0° / 25.0°
 Efficiency 88 %
 Peak intensity 13 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



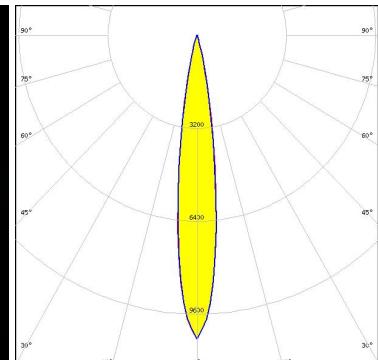
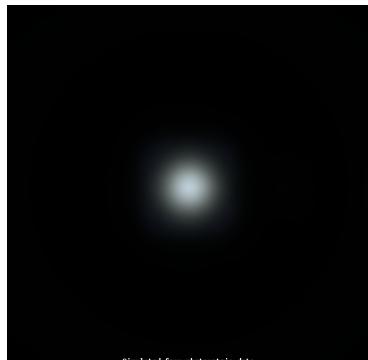
LED SST-20 Gen2
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 88 %
 Peak intensity 14.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED SST-20F-W
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 87 %
 Peak intensity 10.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

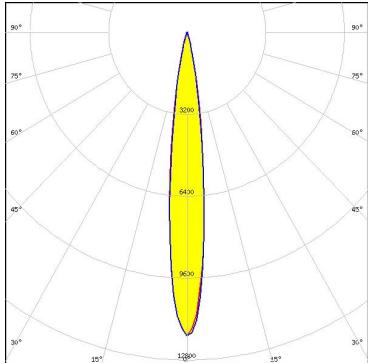


Light distribution files

OPTICAL RESULTS (SIMULATED):



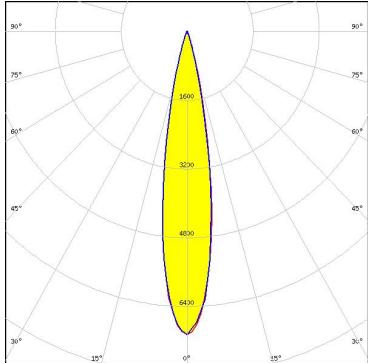
LED	SST-25-W
FWHM / FWTM	14.0° / 26.0°
Efficiency	87 %
Peak intensity	11.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



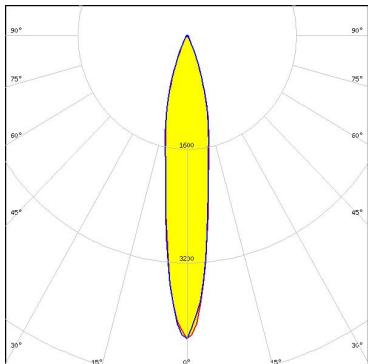
LED	SST-36F-W
FWHM / FWTM	18.0° / 32.0°
Efficiency	85 %
Peak intensity	7.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	NCSxE17A
FWHM / FWTM	16.0° / 44.0°
Efficiency	77 %
Peak intensity	4.3 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	



Light distribution files

OPTICAL RESULTS (SIMULATED):



LED	NCSxE17A
FWHM / FWTM	17.0 + 18.0° / 44.0°
Efficiency	78 %
Peak intensity	4.3 cd/lm
LEDs/each optic	4
Light colour/type	RGBW
Required components:	

Required components:

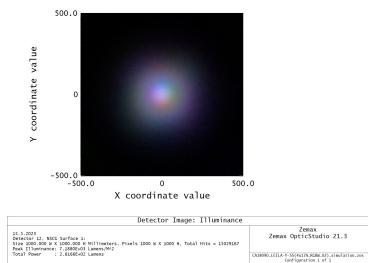


Light distribution files



LED	NCSxE17A
FWHM / FWTM	20.0° / 46.0°
Efficiency	75 %
Peak intensity	3.7 cd/lm
LEDs/each optic	4
Light colour/type	RGBW

Required components:

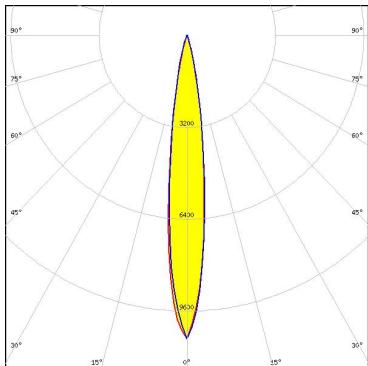


Light distribution files



LED	NF2x757G
FWHM / FWTM	14.0° / 28.0°
Efficiency	87 %
Peak intensity	10.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Required components:

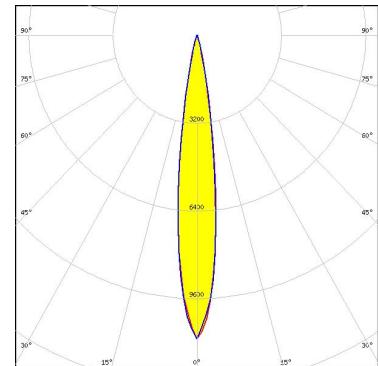


Light distribution files

OPTICAL RESULTS (SIMULATED):



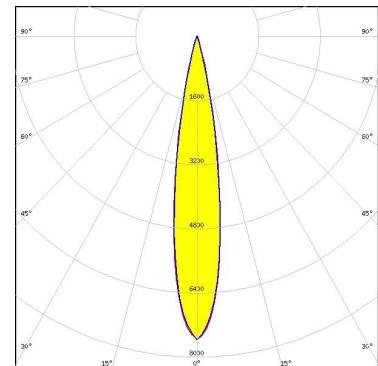
LED	NVSW219F
FWHM / FWTM	14.0° / 27.0°
Efficiency	88 %
Peak intensity	11 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



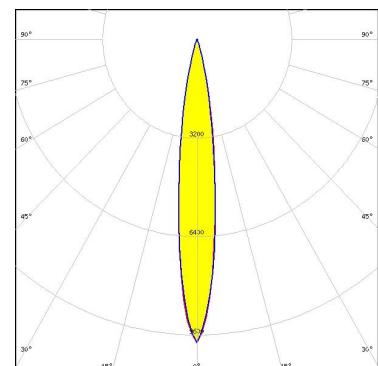
LED	NVSW519A
FWHM / FWTM	18.0° / 30.0°
Efficiency	81 %
Peak intensity	7.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	NVSxE21A
FWHM / FWTM	14.0° / 30.0°
Efficiency	84 %
Peak intensity	9.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

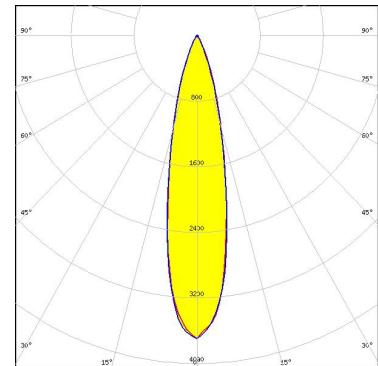


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

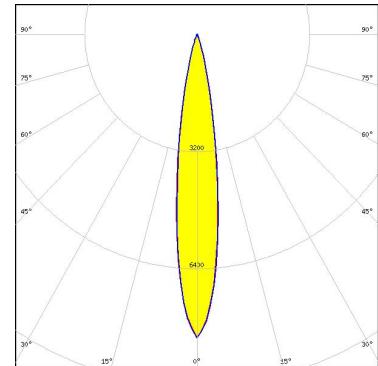
LED Duris S8
FWHM / FWTM 23.0° / 47.0°
Efficiency 80 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

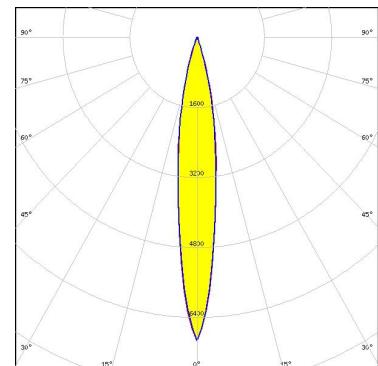
LED OSCONIQ P 3737 (3W version)
FWHM / FWTM 16.0° / 32.0°
Efficiency 86 %
Peak intensity 8.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON PURE 1010
FWHM / FWTM 15.0° / 34.0°
Efficiency 79 %
Peak intensity 6.9 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:



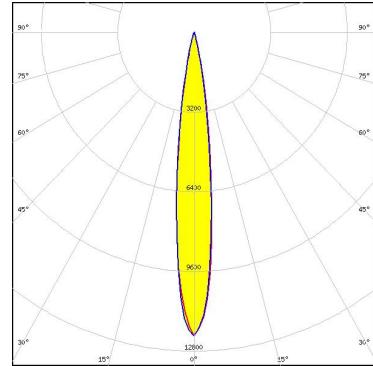
Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 14.0° / 27.0°
Efficiency 88 %
Peak intensity 12 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

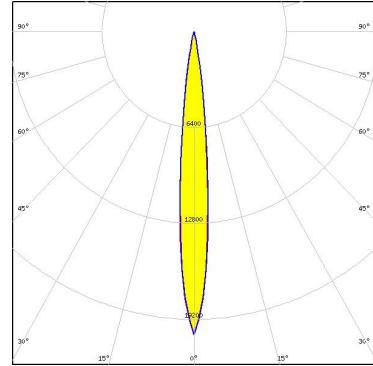


Light distribution files

OSRAM

Opto Semiconductors

LED OSLON SSL 150
FWHM / FWTM 10.0° / 21.0°
Efficiency 91 %
Peak intensity 20.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

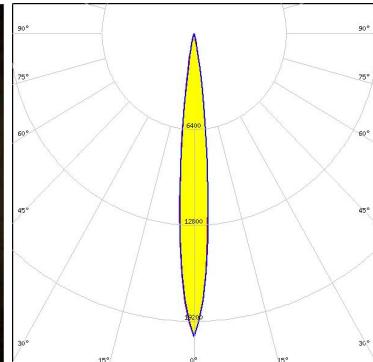


Light distribution files

OSRAM

Opto Semiconductors

LED OSLON SSL 150
FWHM / FWTM 11.0° / 21.0°
Efficiency 91 %
Peak intensity 20 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

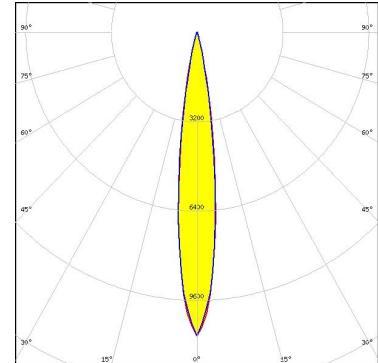


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

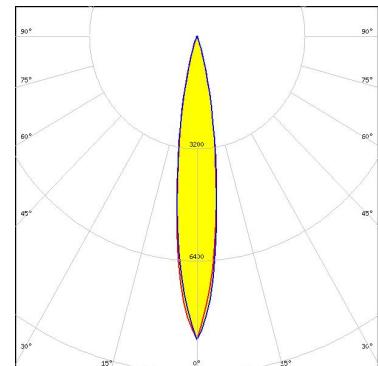
LED LH351B
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 86 %
 Peak intensity 11 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SEOUL SEMICONDUCTOR

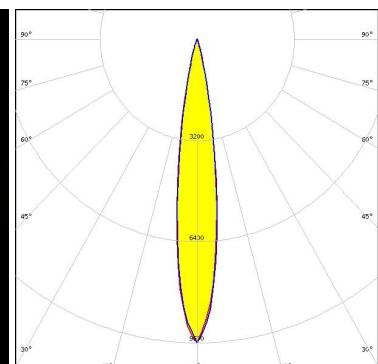
LED Z5M4
 FWHM / FWTM 16.0° / 32.0°
 Efficiency 87 %
 Peak intensity 8.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

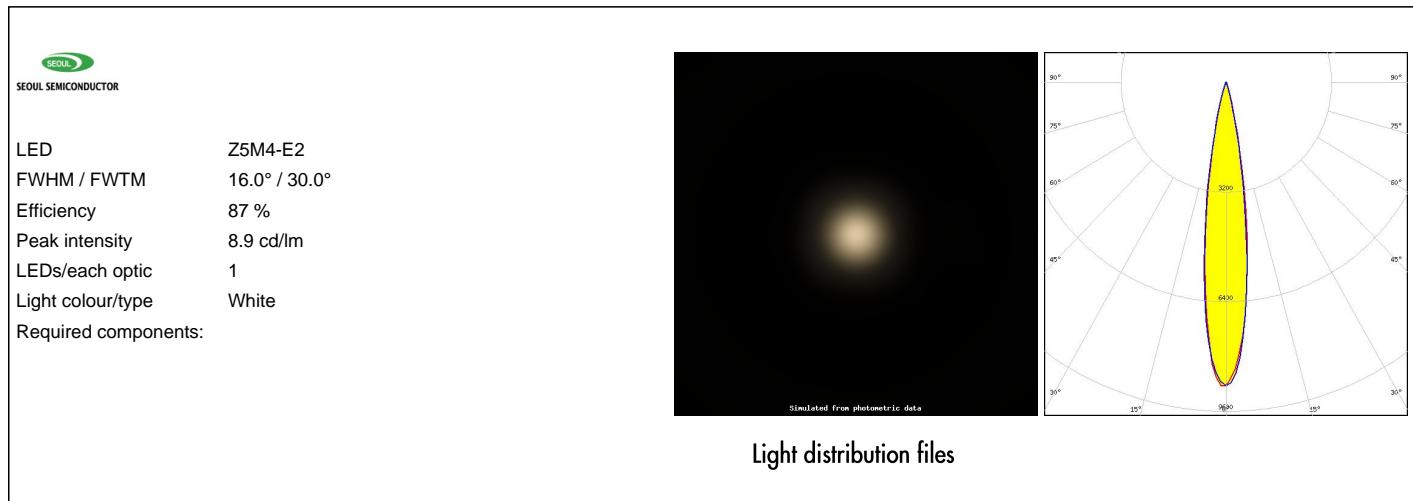
SEOUL SEMICONDUCTOR

LED Z5M4-E1
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 87 %
 Peak intensity 9.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):



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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