

LEILA-Y-RS

~10° spot beam. 14.8 mm high assembly with holder, installation tape and pins.

SPECIFICATION:

Dimensions	Ã~ 21.6
Height	14.8 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

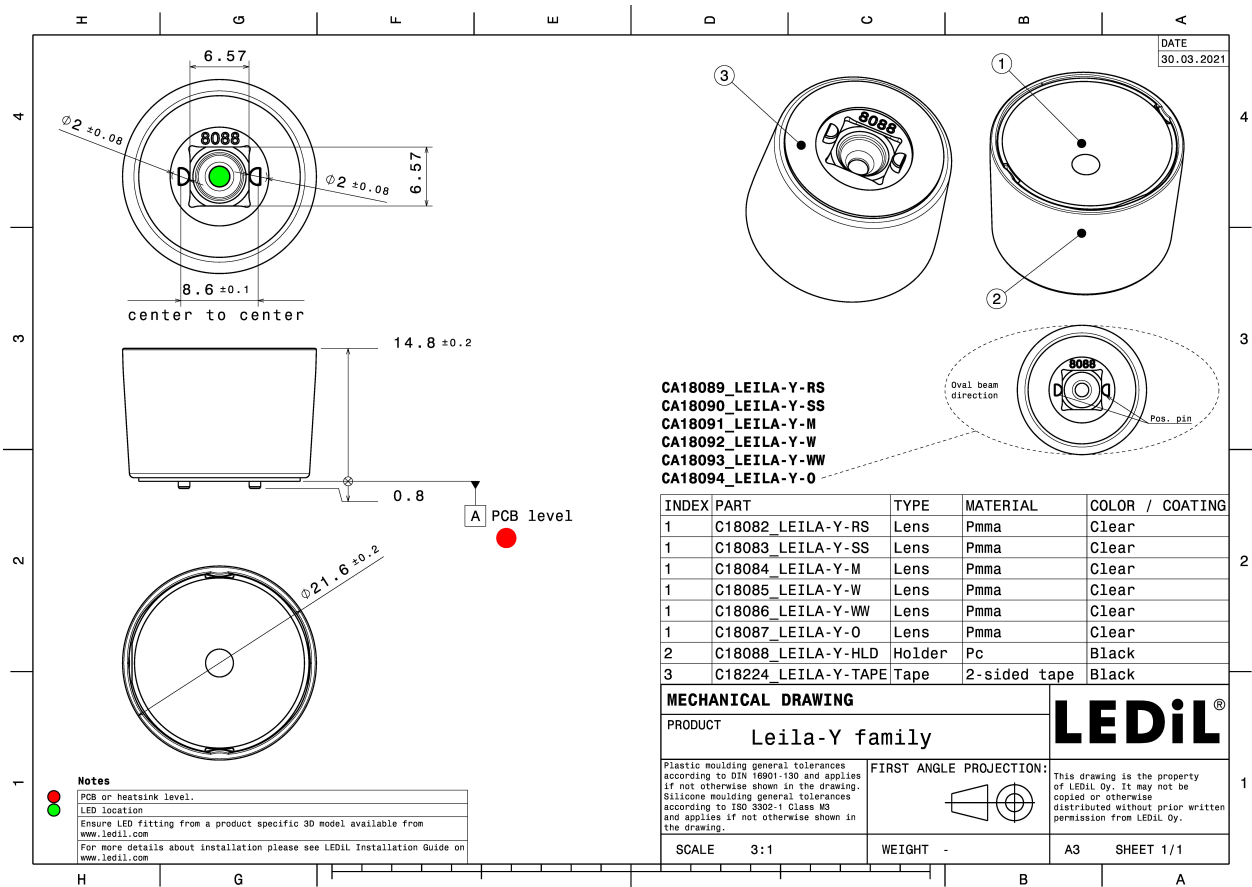


MATERIALS:

Component	Type	Material	Colour	Finish	Length
LEILA-Y-RS	Single lens	PMMA	clear	gloss	20.0
LEILA-Y-HLD	Holder	PC	black	gloss	21.6
LEILA-Y-TAPE	Tape	Acrylic foam			18.0

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18089_LEILA-Y-RS » Box size: 476 x 273 x 197 mm	1800	180	180	7.6

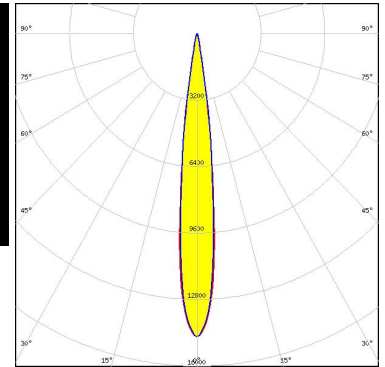
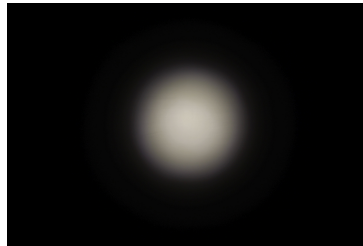


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



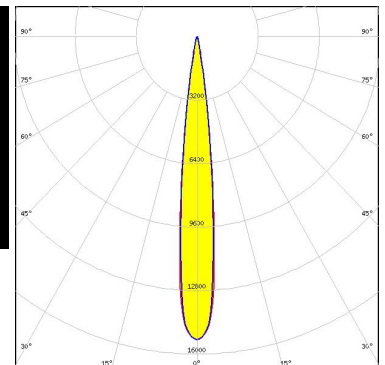
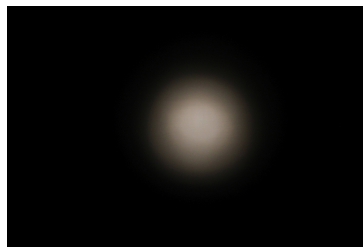
LED XP-G4
 FWHM / FWTM 13.0° / 21.0°
 Efficiency 87 %
 Peak intensity 14.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



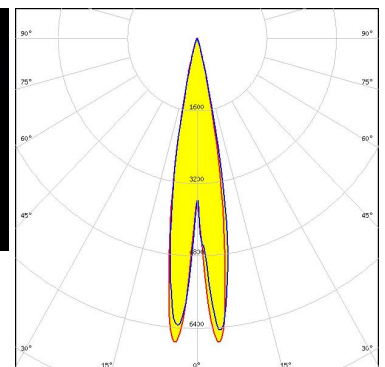
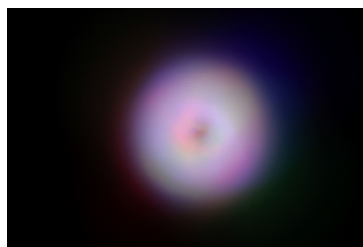
LED NVSW719AC
 FWHM / FWTM 12.0° / 21.0°
 Efficiency 87 %
 Peak intensity 15.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED OSLO Pure 1414
 FWHM / FWTM 19.0° / 29.0°
 Efficiency 82 %
 Peak intensity 7.3 cd/lm
 LEDs/each optic 4
 Light colour/type RGBW
 Required components:

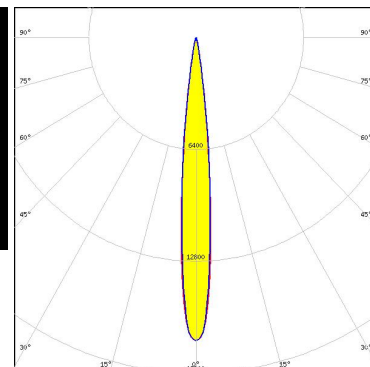
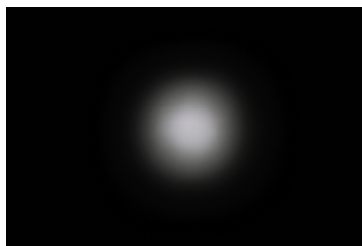


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	11.0° / 20.0°
Efficiency	87 %
Peak intensity	17.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

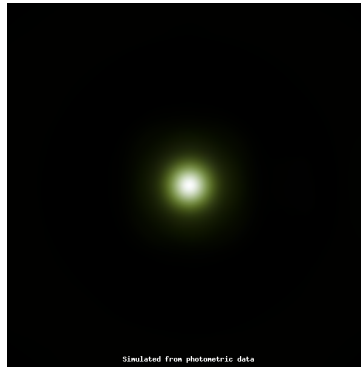


Light distribution files

OPTICAL RESULTS (SIMULATED):



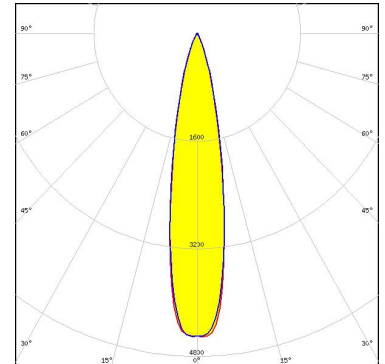
LED J Series 3030C
FWHM / FWTM 12.0° / 24.0°
Efficiency 88 %
Peak intensity 14.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



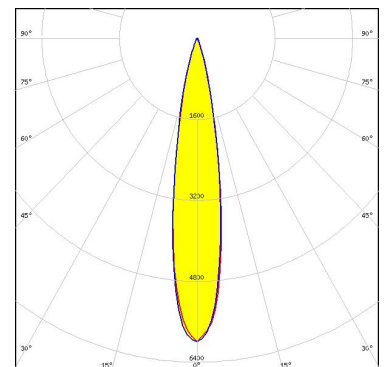
LED J Series 5050B 6V K Class
FWHM / FWTM 20.0° / 41.0°
Efficiency 79 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XHP35 HD
FWHM / FWTM 18.0° / 35.0°
Efficiency 79 %
Peak intensity 6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

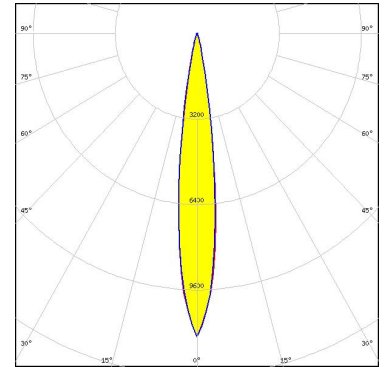


Light distribution files

OPTICAL RESULTS (SIMULATED):



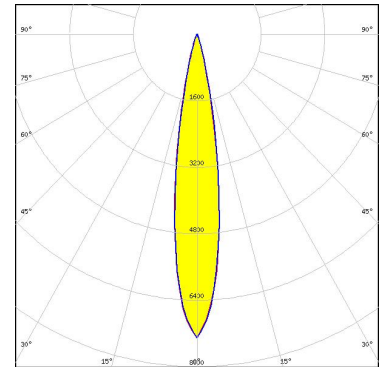
LED XHP35 HI
FWHM / FWTM 14.0° / 26.0°
Efficiency 87 %
Peak intensity 11.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



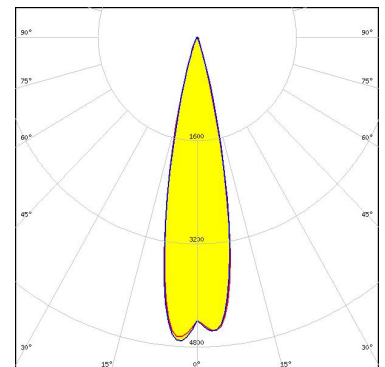
Light distribution files



LED XHP35.2 HI
FWHM / FWTM 18.0° / 32.0°
Efficiency 83 %
Peak intensity 7.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED XM-L RGBW (XMLDCL HD)
FWHM / FWTM 22.0° / 36.0°
Efficiency 80 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:

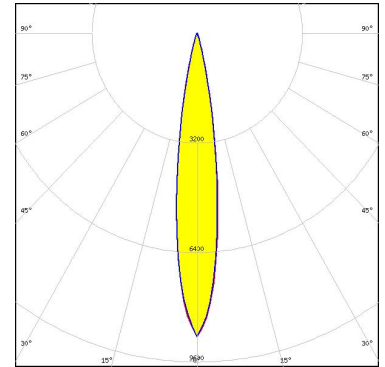


Light distribution files

OPTICAL RESULTS (SIMULATED):



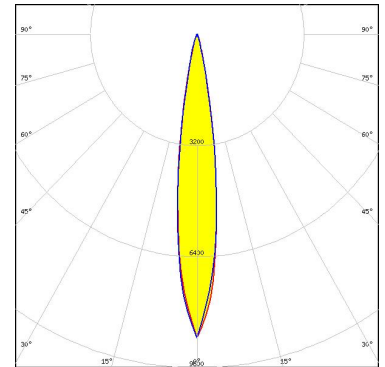
LED XM-L2
 FWHM / FWTM 16.0° / 30.0°
 Efficiency 85 %
 Peak intensity 8 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



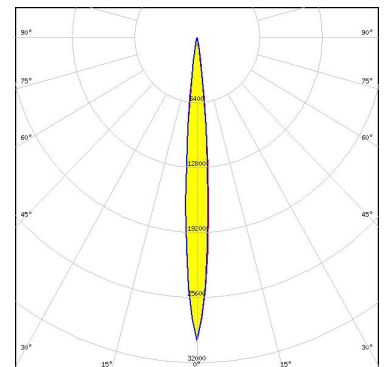
LED XM-L3
 FWHM / FWTM 15.0° / 29.0°
 Efficiency 80 %
 Peak intensity 8.7 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-E2
 FWHM / FWTM 9.0° / 18.0°
 Efficiency 91 %
 Peak intensity 30 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:

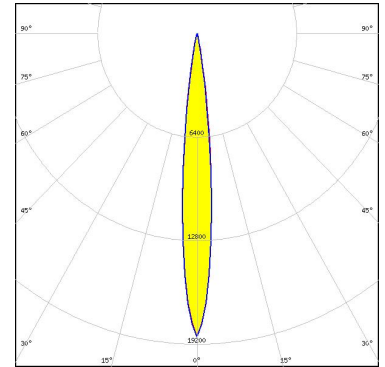


Light distribution files

OPTICAL RESULTS (SIMULATED):



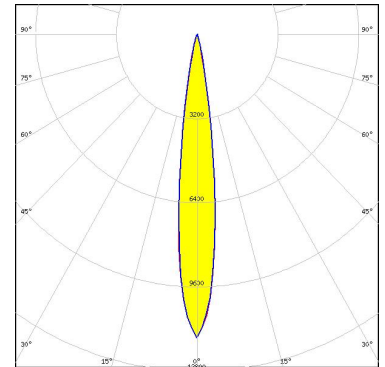
LED XP-G2
 FWHM / FWTM 11.0° / 21.0°
 Efficiency 90 %
 Peak intensity 19 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



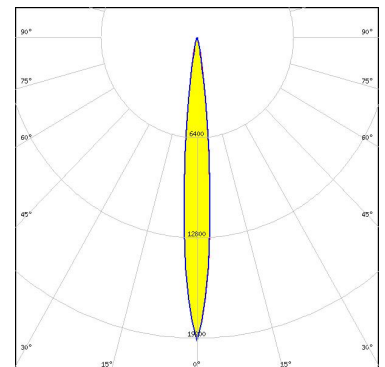
LED XP-G3
 FWHM / FWTM 13.9° / 25.4°
 Efficiency 85 %
 Peak intensity 11.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



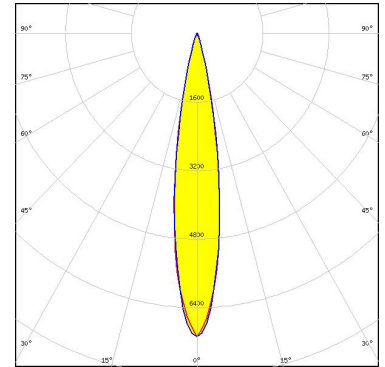
LED XP-G4 HI
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 88 %
 Peak intensity 19.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



OPTICAL RESULTS (SIMULATED):



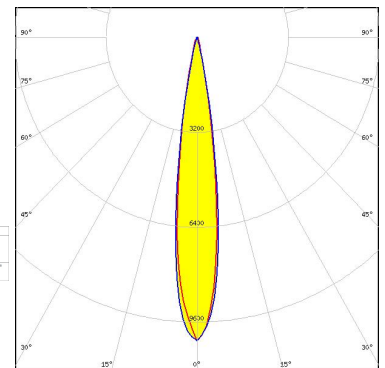
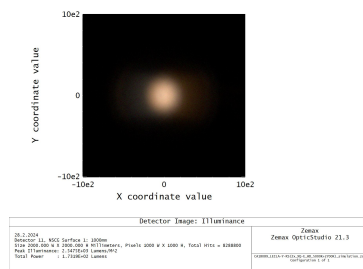
LED	XP-L2
FWHM / FWTM	18.0° / 32.0°
Efficiency	81 %
Peak intensity	7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



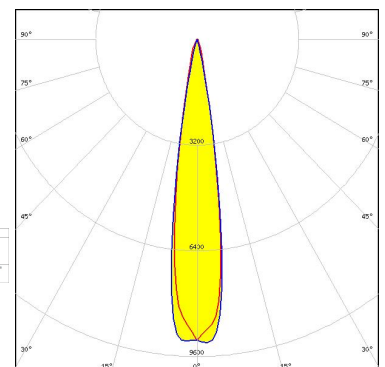
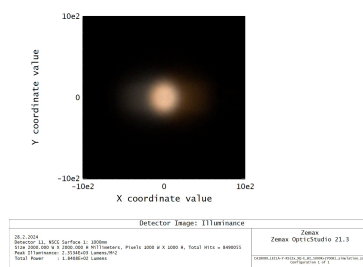
LED	XQ-E HD
FWHM / FWTM	14.0 + 16.0° / 27.0 + 26.0°
Efficiency	87 %
Peak intensity	10.2 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	



Light distribution files



LED	XQ-E HI
FWHM / FWTM	16.0 + 18.0° / 29.0 + 26.0°
Efficiency	88 %
Peak intensity	9.2 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	

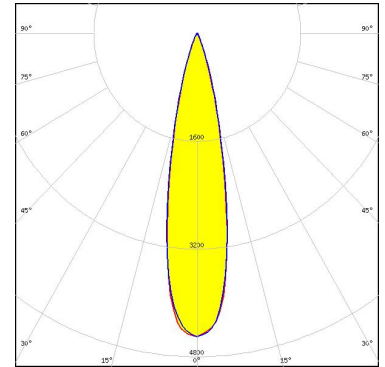


Light distribution files

OPTICAL RESULTS (SIMULATED):



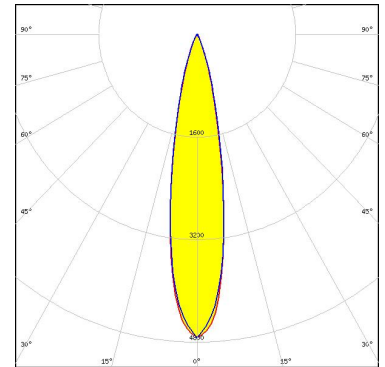
LED LUXEON 5050 Round LES
 FWHM / FWTM 22.0° / 40.0°
 Efficiency 81 %
 Peak intensity 4.5 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



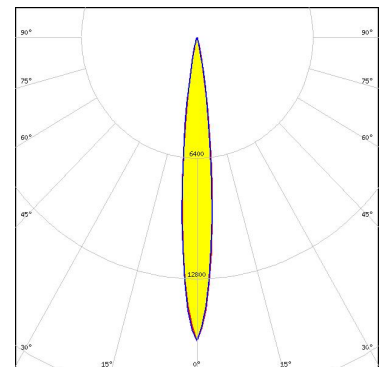
LED LUXEON 5050 Square LES
 FWHM / FWTM 20.0° / 40.0°
 Efficiency 81 %
 Peak intensity 4.7 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON TX
 FWHM / FWTM 12.0° / 23.0°
 Efficiency 88 %
 Peak intensity 16 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:

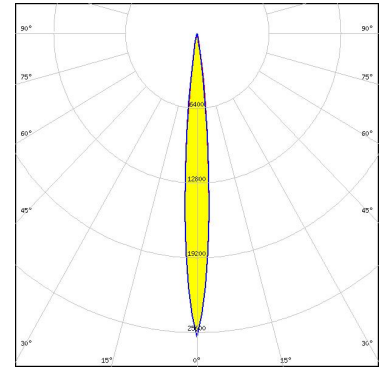


Light distribution files

OPTICAL RESULTS (SIMULATED):



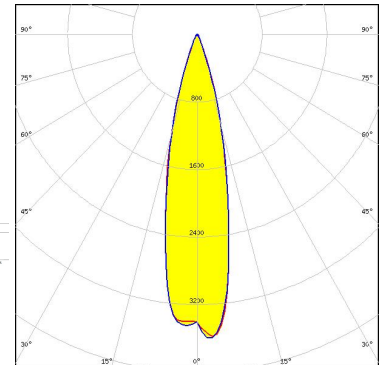
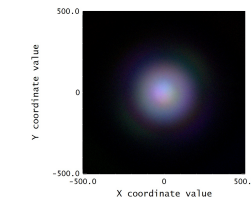
LED LUXEON Z ES
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 90 %
 Peak intensity 26 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NCSxE17A
 FWHM / FWTM 24.0° / 42.0°
 Efficiency 76 %
 Peak intensity 3.6 cd/Im
 LEDs/each optic 4
 Light colour/type RGBW
 Required components:



Light distribution files



LED NCSxE17A
 FWHM / FWTM 20.0° / 42.0°
 Efficiency 78 %
 Peak intensity 4.3 cd/Im
 LEDs/each optic 4
 Light colour/type White
 Required components:

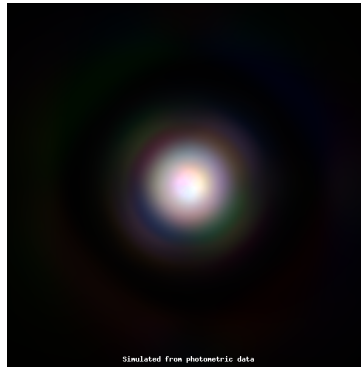


Light distribution files

OPTICAL RESULTS (SIMULATED):



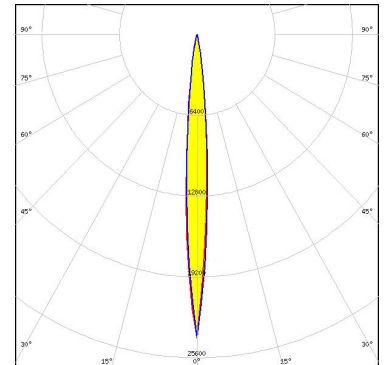
LED NCSxE17A
FWHM / FWTM 22.0° / 40.0 + 41.0°
Efficiency 79 %
Peak intensity 4.3 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:



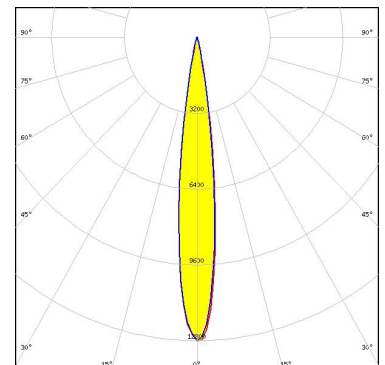
Light distribution files



LED NFSx757G
FWHM / FWTM 8.0° / 20.0°
Efficiency 88 %
Peak intensity 24 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED NVSW219F
FWHM / FWTM 14.0° / 25.0°
Efficiency 88 %
Peak intensity 12 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

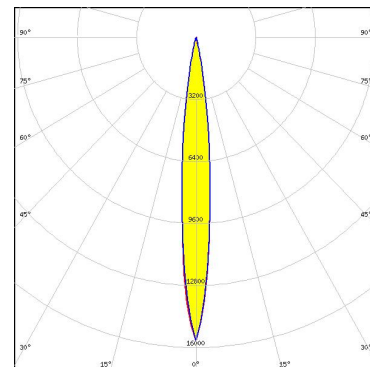


Light distribution files

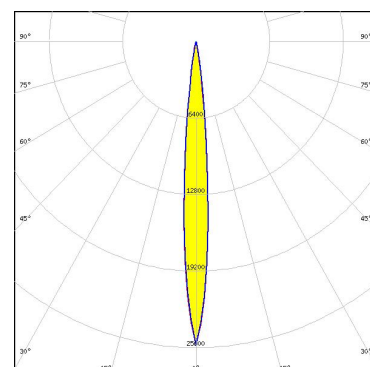
OPTICAL RESULTS (SIMULATED):



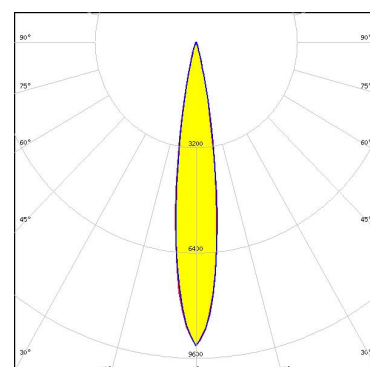
LED NVSxE21A
FWHM / FWTM 12.0° / 24.0°
Efficiency 86 %
Peak intensity 15.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED OSCONIQ P 3030
FWHM / FWTM 10.0° / 18.0°
Efficiency 90 %
Peak intensity 25.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED OSCONIQ P 3737 (3W version)
FWHM / FWTM 16.0° / 28.0°
Efficiency 87 %
Peak intensity 9.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

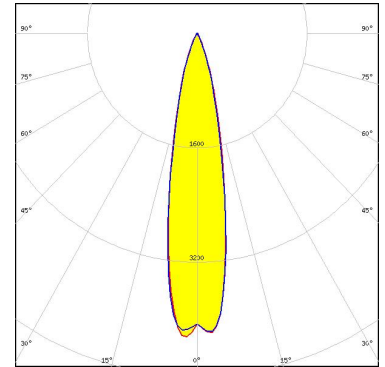


Light distribution files

OPTICAL RESULTS (SIMULATED):

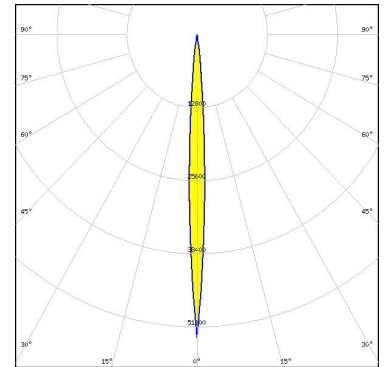
OSRAM
Opto Semiconductors

LED OSCONIQ S 5050
FWHM / FWTM 22.0° / 42.0°
Efficiency 80 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



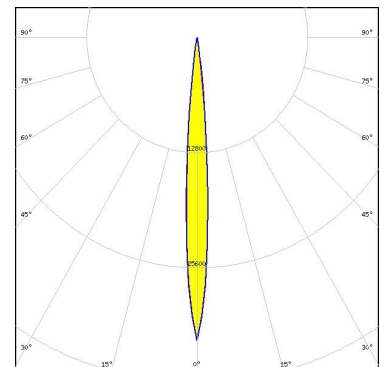
OSRAM
Opto Semiconductors

LED OSLOM Black Flat (LUW HWQP)
FWHM / FWTM 6.0° / 14.0°
Efficiency 90 %
Peak intensity 53.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



OSRAM
Opto Semiconductors

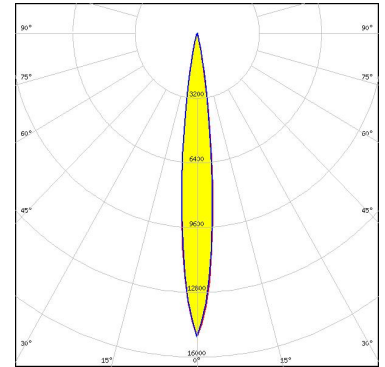
LED OSLOM Pure 1414
FWHM / FWTM 8.0° / 16.0°
Efficiency 91 %
Peak intensity 33.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

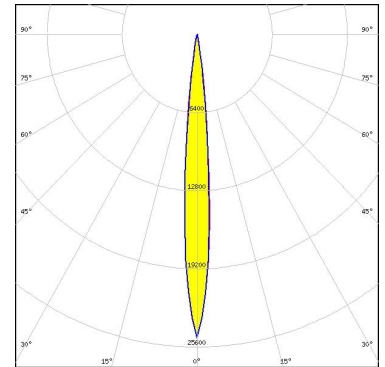
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 12.0° / 24.0°
Efficiency 88 %
Peak intensity 15 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

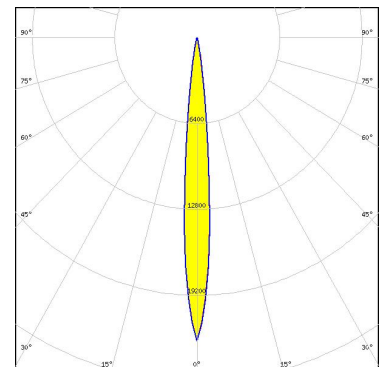
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 10.0° / 18.0°
Efficiency 89 %
Peak intensity 24.9 cd/lm
LEDs/each optic 1
Light colour/type Far Red
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON Square Flat
FWHM / FWTM 10.0° / 20.0°
Efficiency 90 %
Peak intensity 22.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

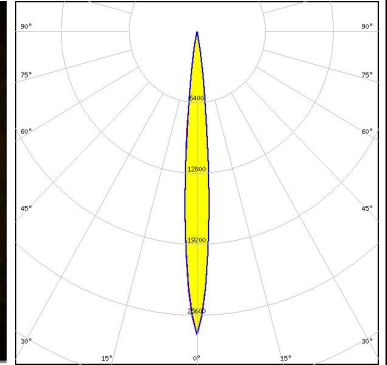
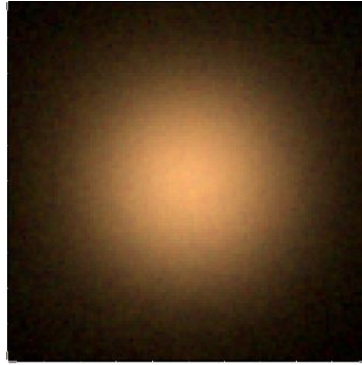


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

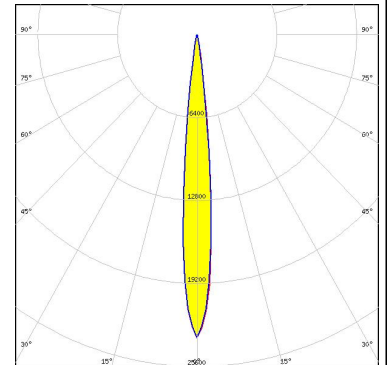
LED OSLON SSL 150
FWHM / FWTM 9.0° / 18.0°
Efficiency 91 %
Peak intensity 27 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

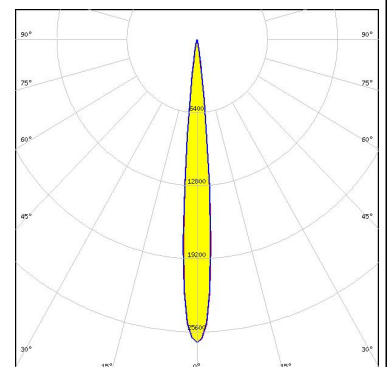
OSRAM
Opto Semiconductors

LED SYNIOS S2222
FWHM / FWTM 10.0° / 18.0°
Efficiency 90 %
Peak intensity 23.4 cd/lm
LEDs/each optic 1
Light colour/type Blue
Required components:



OSRAM
Opto Semiconductors

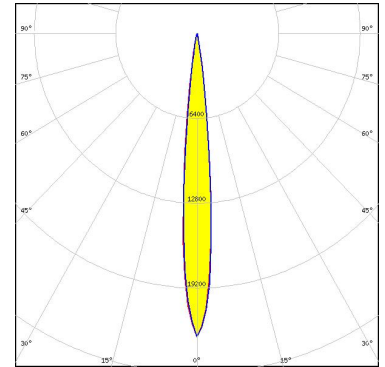
LED SYNIOS S2222
FWHM / FWTM 10.0° / 16.0°
Efficiency 91 %
Peak intensity 26.6 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:



OPTICAL RESULTS (SIMULATED):

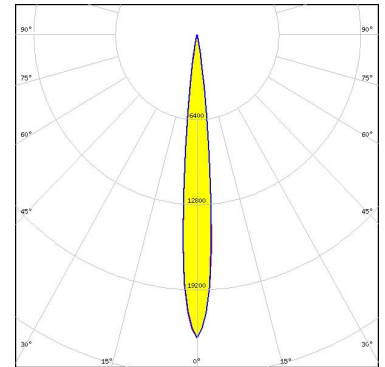
OSRAM
Opto Semiconductors

LED SYNIOS S2222
FWHM / FWTM 10.0° / 18.0°
Efficiency 90 %
Peak intensity 22.9 cd/lm
LEDs/each optic 1
Light colour/type Blue
Required components:



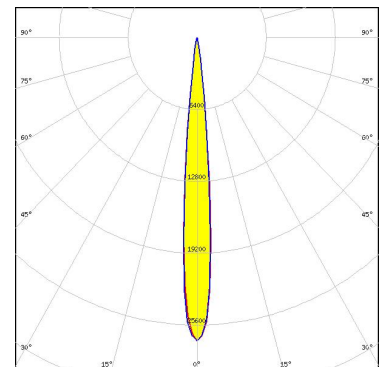
OSRAM
Opto Semiconductors

LED SYNIOS S2222
FWHM / FWTM 10.0° / 18.0°
Efficiency 90 %
Peak intensity 22.8 cd/lm
LEDs/each optic 1
Light colour/type Green
Required components:



OSRAM
Opto Semiconductors

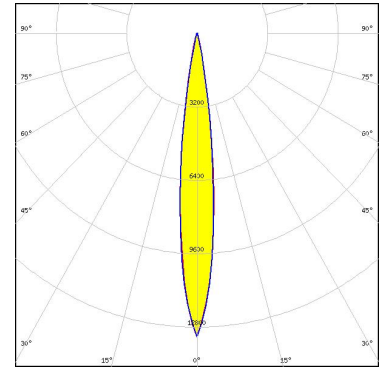
LED SYNIOS S2222
FWHM / FWTM 10.0° / 16.0°
Efficiency 91 %
Peak intensity 27 cd/lm
LEDs/each optic 1
Light colour/type Yellow
Required components:



OPTICAL RESULTS (SIMULATED):

SAMSUNG

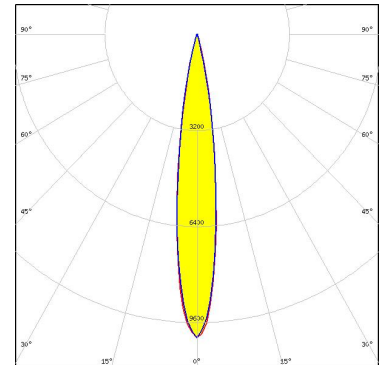
LED LH351B
FWHM / FWTM 13.0° / 24.0°
Efficiency 86 %
Peak intensity 13 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED Z5M4
FWHM / FWTM 15.0° / 28.0°
Efficiency 87 %
Peak intensity 10.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED MGN1108MS
FWHM / FWTM 10.0° / 16.0°
Efficiency 91 %
LEDs/each optic 1
Light colour/type IR
Required components:

OPTICAL RESULTS (SIMULATED):



LED	MJN1108MS
FWHM / FWTM	8.0° / 16.0°
Efficiency	92 %
LEDs/each optic	1
Light colour/type	IR
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:

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:

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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

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