

EMILY-RS

~8° spot beam. 14.74 mm high lens.

SPECIFICATION:

Dimensions	Ø 26.0 mm
Height	14.7 mm
Fastening	tape
ROHS compliant	yes ⓘ

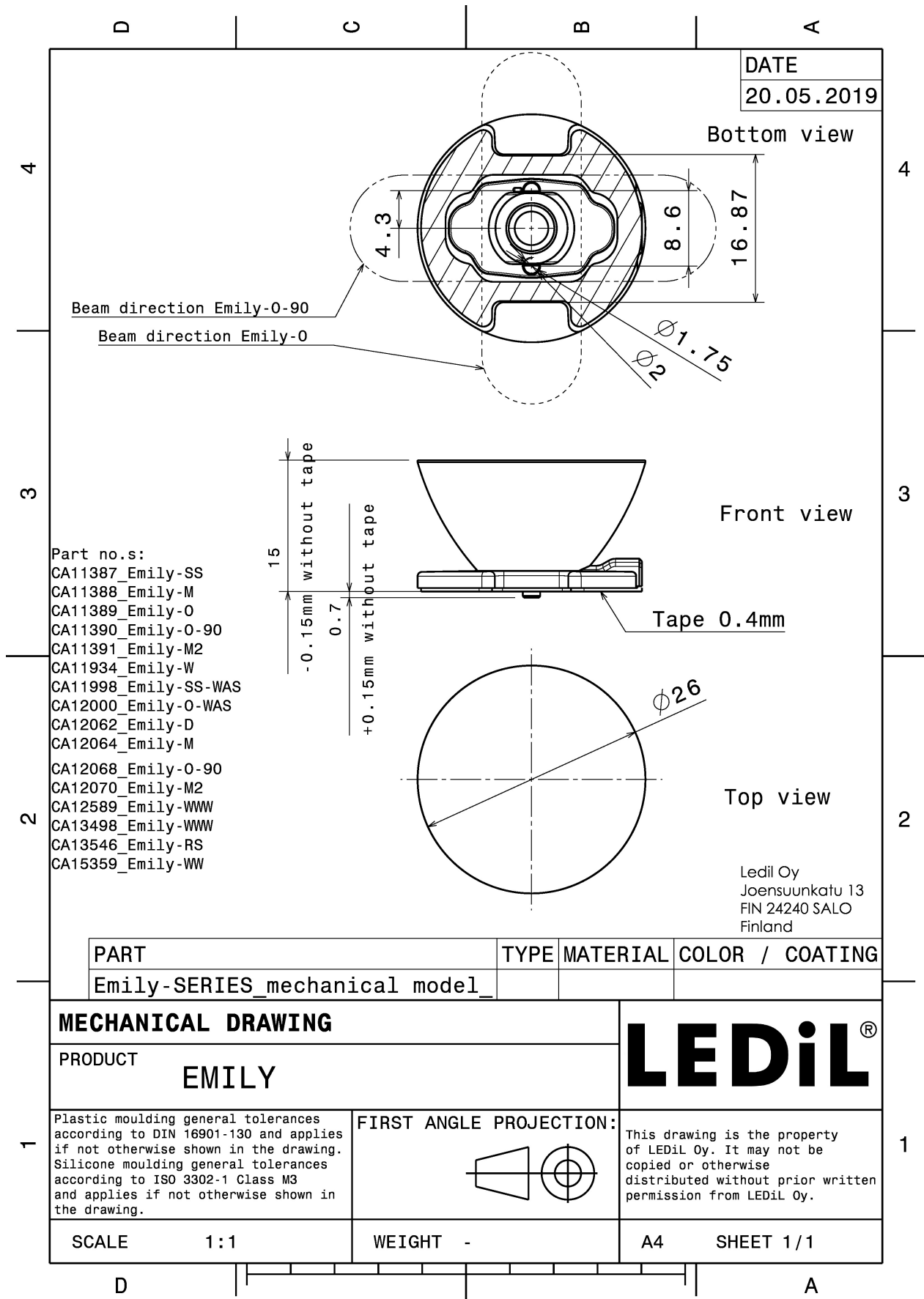
MATERIALS:

Component	Type	Material	Colour	Finish
EMILY-RS	Single lens	PMMA	clear	
SPUTNIK-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13546_EMILY-RS	Single lens	1690	260	130	10.3
» Box size: 480 x 280 x 300 mm					



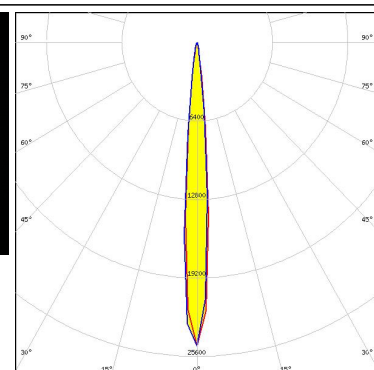
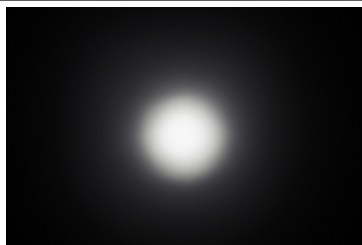


See also our general installation guide: www.ledil.com/installation_guide

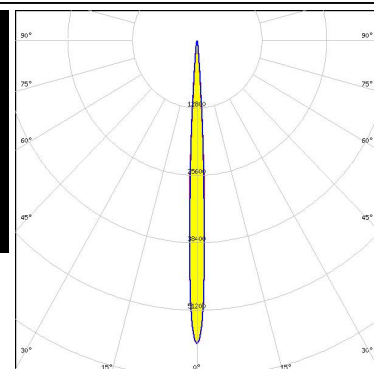
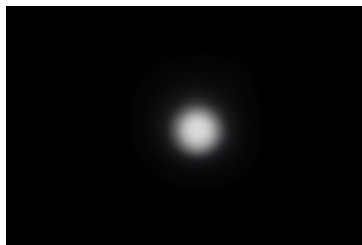
OPTICAL RESULTS (MEASURED):



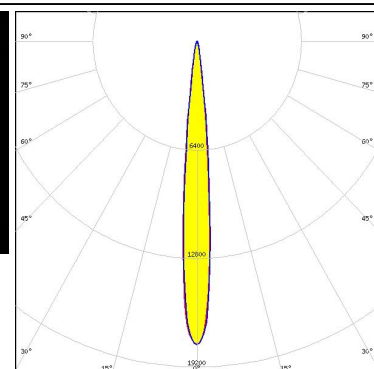
LED XB-H
FWHM / FWTM 9.0° / 17.0°
Efficiency 88 %
Peak intensity 24.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



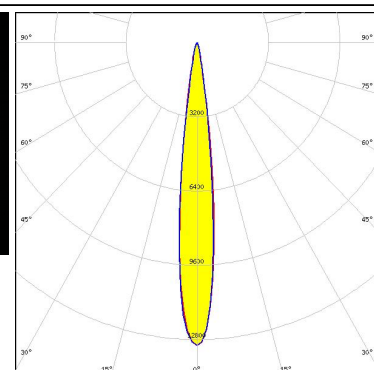
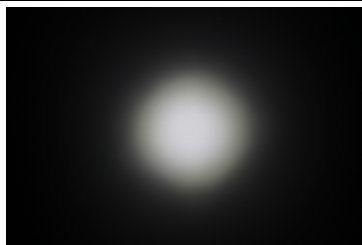
LED XP-E2
FWHM / FWTM 6.0° / 11.0°
Efficiency 96 %
Peak intensity 57.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G3
FWHM / FWTM 10.0° / 18.0°
Efficiency 94 %
Peak intensity 18 cd/lm
LEDs/each optic 1
Light colour White
Required components:



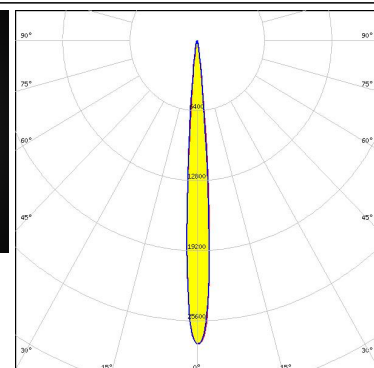
LED XP-L HD
FWHM / FWTM 13.0° / 23.0°
Efficiency 89 %
Peak intensity 13.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



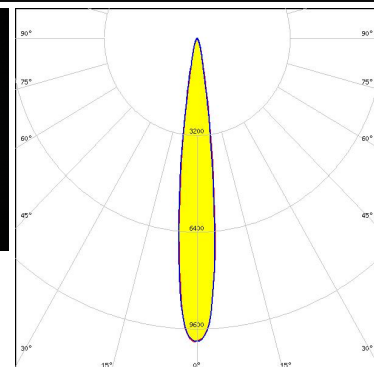
OPTICAL RESULTS (MEASURED):



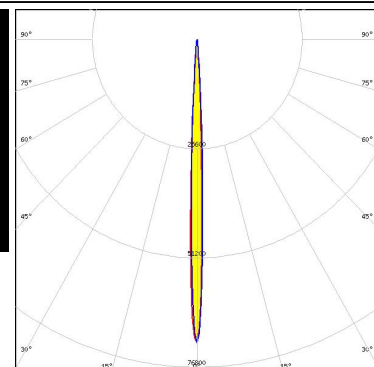
LED XP-L HI
FWHM / FWTM 8.0° / 15.0°
Efficiency 88 %
Peak intensity 28 cd/lm
LEDs/each optic 1
Light colour White
Required components:



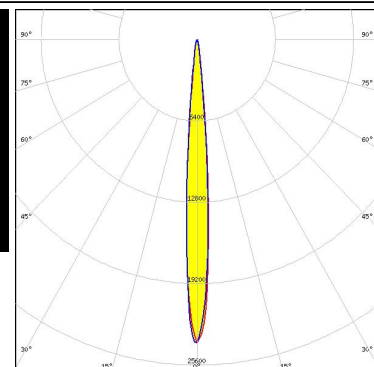
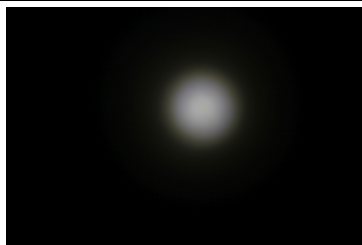
LED XP-L2
FWHM / FWTM 13.0° / 25.0°
Efficiency 93 %
Peak intensity 10 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XQ-E HI
FWHM / FWTM 4.0° / 9.0°
Efficiency 94 %
Peak intensity 71.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



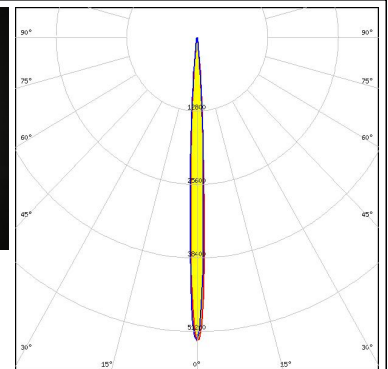
LED XT-E
FWHM / FWTM 8.0° / 16.0°
Efficiency 91 %
Peak intensity 23.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



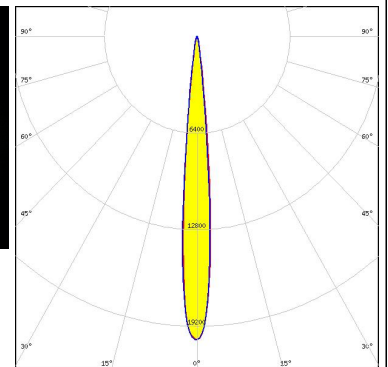
OPTICAL RESULTS (MEASURED):



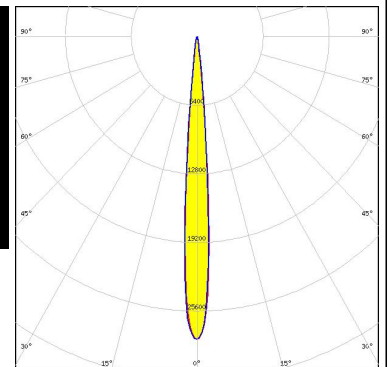
LED LUXEON Z ES
FWHM / FWTM 5.0° / 11.0°
Efficiency 91 %
Peak intensity 52 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW219D
FWHM / FWTM 10.0° / 18.0°
Efficiency 94 %
Peak intensity 20.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW719AC
FWHM / FWTM 9.0° / 15.0°
Efficiency 95 %
Peak intensity 28.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSLOM Square EC
FWHM / FWTM 8.0° / 15.0°
Efficiency 90 %
Peak intensity 29.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OPTICAL RESULTS (MEASURED):

OSRAM

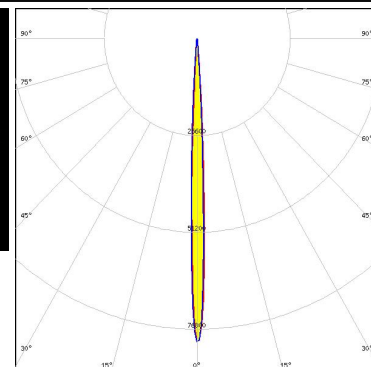
Opto Semiconductors

LED PLPVEC2 850A
FWHM / FWTM 4.0° / 11.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

SEOUL

SEOUL SEMICONDUCTOR

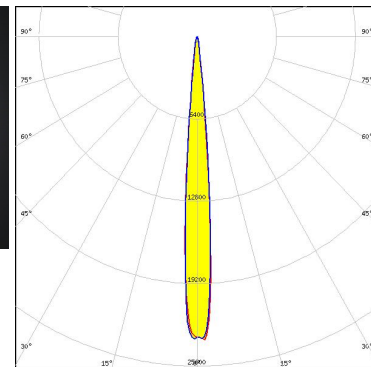
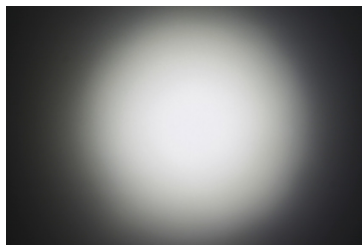
LED nPola
FWHM / FWTM 5.0°
Efficiency 94 %
Peak intensity 81.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL

SEOUL SEMICONDUCTOR

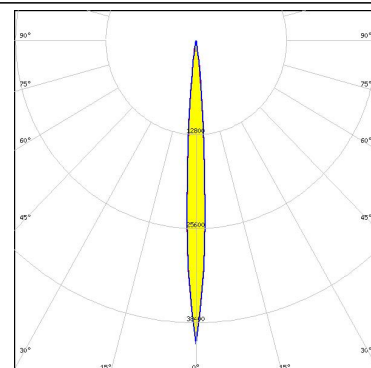
LED Z5M1/Z5M2
FWHM / FWTM 9.0° / 15.0°
Efficiency 91 %
Peak intensity 23.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



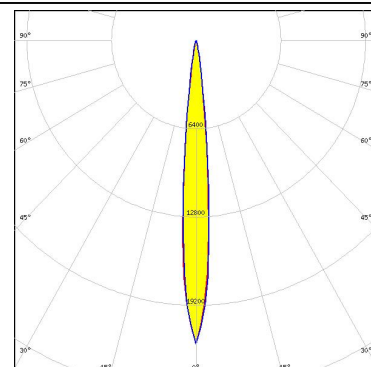
OPTICAL RESULTS (SIMULATED):



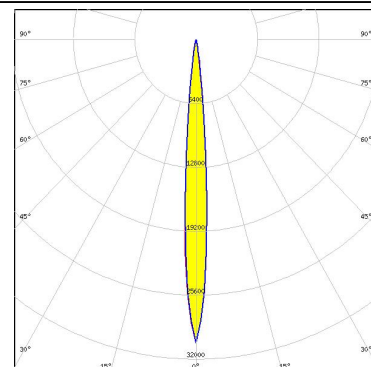
LED XE-G
FWHM / FWTM 8.0° / 14.0°
Efficiency 95 %
Peak intensity 41.3 cd/lm
LEDs/each optic 1
Light colour Red
Required components:



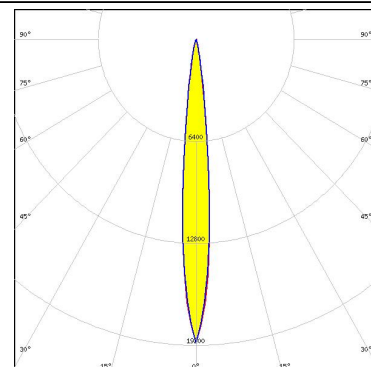
LED XHP35 HI
FWHM / FWTM 10.0° / 18.0°
Efficiency 96 %
Peak intensity 22 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G2
FWHM / FWTM 8.0° / 16.0°
Efficiency 94 %
Peak intensity 30.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



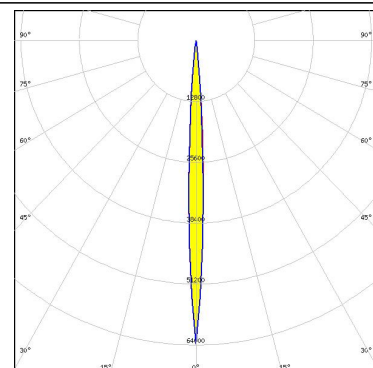
LED XP-G2 HE
FWHM / FWTM 10.0° / 20.0°
Efficiency 95 %
Peak intensity 19.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



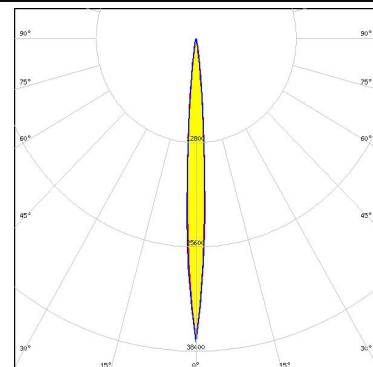
OPTICAL RESULTS (SIMULATED):



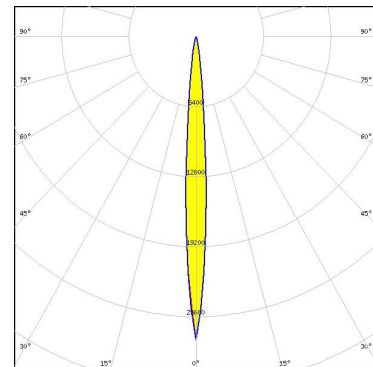
LED XP-P
FWHM / FWTM 6.0° / 12.0°
Efficiency 96 %
Peak intensity 63.8 cd/Im
LEDs/each optic 1
Light colour White
Required components:



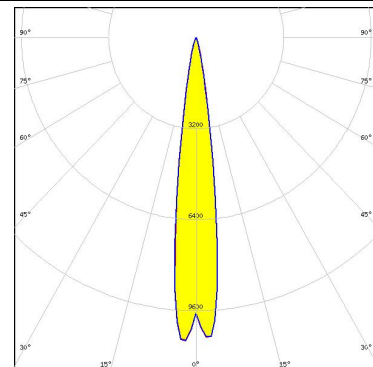
LED LUXEON C
FWHM / FWTM 7.0° / 16.0°
Efficiency 94 %
Peak intensity 37.3 cd/Im
LEDs/each optic 1
Light colour Royal Blue
Required components:



LED LUXEON HL2Z
FWHM / FWTM 8.0° / 18.0°
Efficiency 96 %
Peak intensity 27.7 cd/Im
LEDs/each optic 1
Light colour White
Required components:



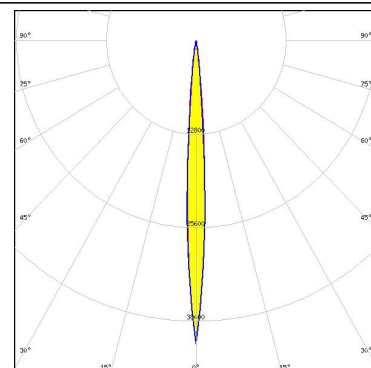
LED LUXEON MZ
FWHM / FWTM 14.0° / 26.0°
Efficiency 95 %
Peak intensity 10.7 cd/Im
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

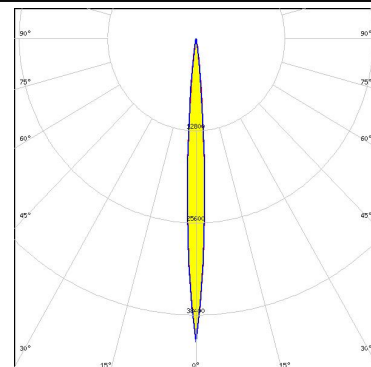
LUMILEDS

LED LUXEON Rebel
FWHM / FWTM 6.0° / 14.0°
Efficiency 94 %
Peak intensity 41.5 cd/Im
LEDs/each optic 1
Light colour White
Required components:



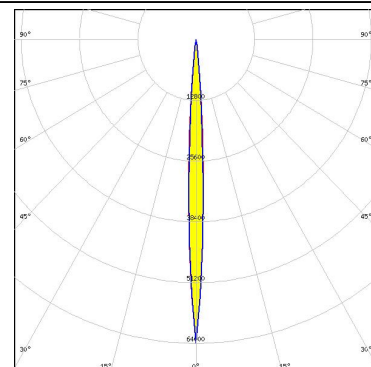
LUMILEDS

LED LUXEON Rebel Plus
FWHM / FWTM 6.0° / 14.0°
Efficiency 94 %
Peak intensity 42.1 cd/Im
LEDs/each optic 1
Light colour White
Required components:



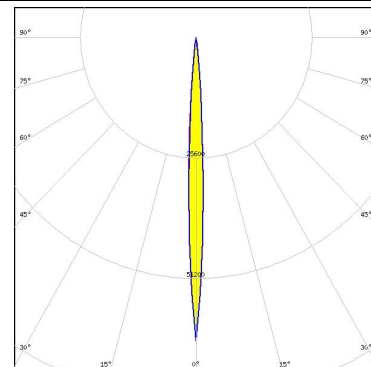
LUMILEDS

LED LUXEON Rubix
FWHM / FWTM 6.0° / 12.0°
Efficiency 96 %
Peak intensity 63.9 cd/Im
LEDs/each optic 1
Light colour Blue
Required components:



LUMILEDS

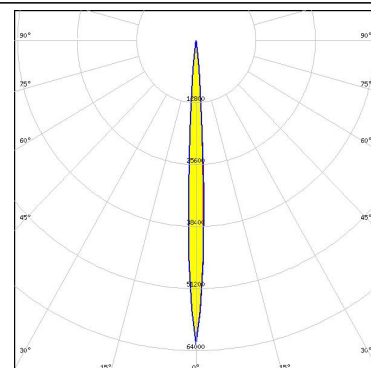
LED LUXEON Rubix
FWHM / FWTM 6.0° / 12.0°
Efficiency 96 %
Peak intensity 64.5 cd/Im
LEDs/each optic 1
Light colour Green
Required components:



OPTICAL RESULTS (SIMULATED):

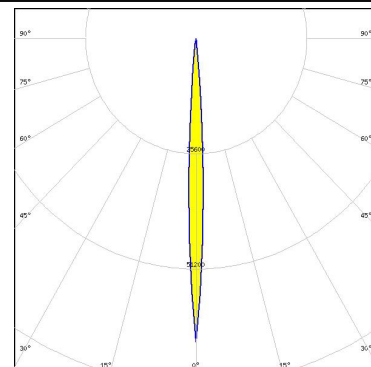
LUMILEDS

LED LUXEON Rubix
FWHM / FWTM 6.0° / 12.0°
Efficiency 96 %
Peak intensity 62.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



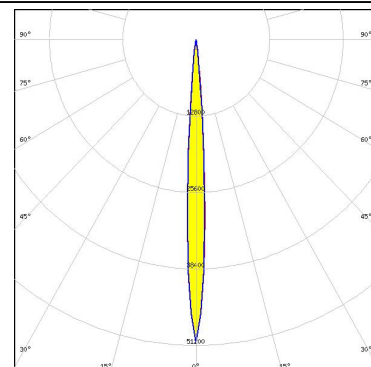
LUMILEDS

LED LUXEON Rubix
FWHM / FWTM 6.0° / 12.0°
Efficiency 96 %
Peak intensity 67.4 cd/lm
LEDs/each optic 1
Light colour Red
Required components:



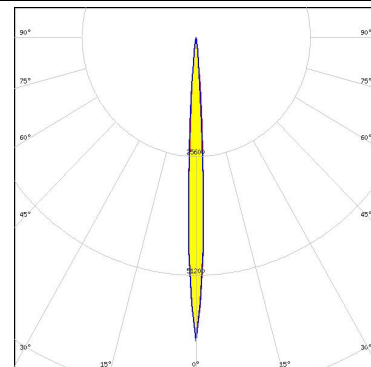
LUMILEDS

LED LUXEON SunPlus 20 Line (120 deg)
FWHM / FWTM 6.0° / 13.0°
Efficiency 96 %
Peak intensity 50.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

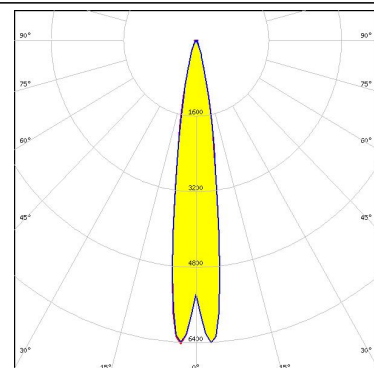
LED LUXEON Z
FWHM / FWTM 5.9° / 12.0°
Efficiency 94 %
Peak intensity 65.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



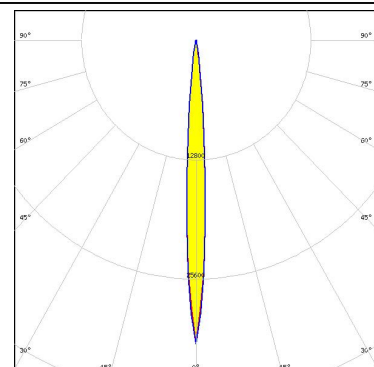
OPTICAL RESULTS (SIMULATED):



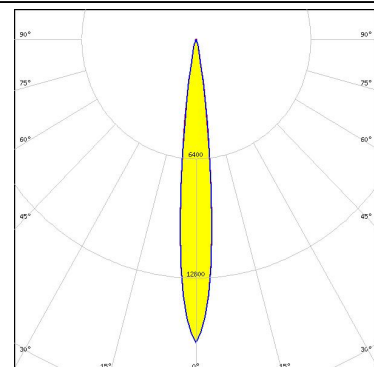
LED NCSxE17A
FWHM / FWTM 6.0° / 16.0°
Efficiency 93 %
Peak intensity 35.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



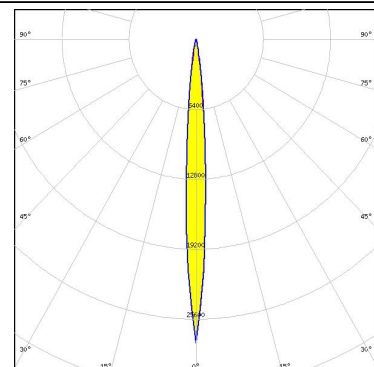
LED NCSxE17A
FWHM / FWTM 8.0° / 16.0°
Efficiency 92 %
Peak intensity 32.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW3x9A
FWHM / FWTM 12.0° / 22.0°
Efficiency 95 %
Peak intensity 16.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



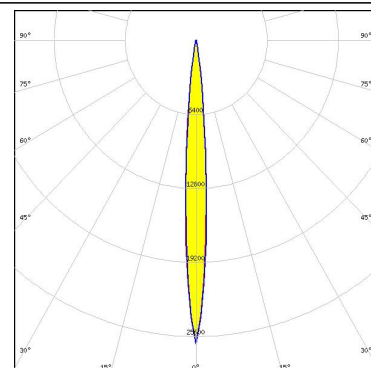
LED NVSxE21A
FWHM / FWTM 8.0° / 18.0°
Efficiency 94 %
Peak intensity 27.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



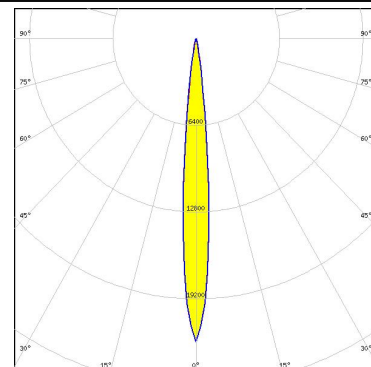
OPTICAL RESULTS (SIMULATED):



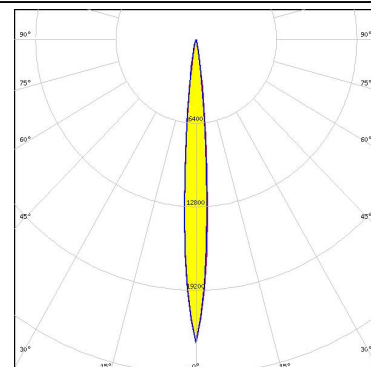
LED NVSxE21A
FWHM / FWTM 8.0° / 18.0°
Efficiency 93 %
Peak intensity 26.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



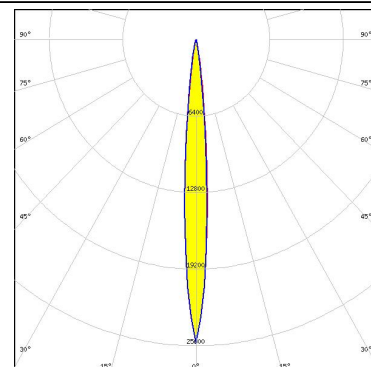
LED NVSxx19B/NVSxx19C
FWHM / FWTM 10.0° / 18.0°
Efficiency 95 %
Peak intensity 22.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Duris S5 (Single chip)
FWHM / FWTM 9.0° / 18.0°
Efficiency 89 %
Peak intensity 23.2 cd/lm
LEDs/each optic 1
Light colour Purple
Required components:



LED Duris S5 (Single chip)
FWHM / FWTM 8.0° / 18.0°
Efficiency 96 %
Peak intensity 25.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

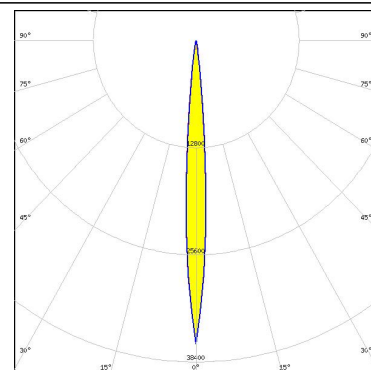


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

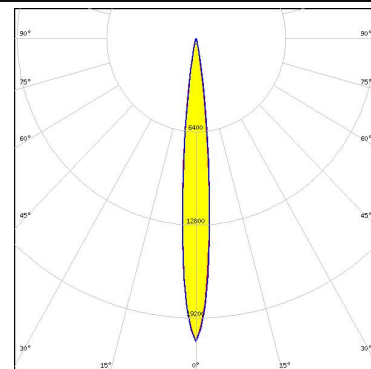
LED OSCONIQ C 2424
FWHM / FWTM 8.0° / 16.0°
Efficiency 96 %
Peak intensity 36.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

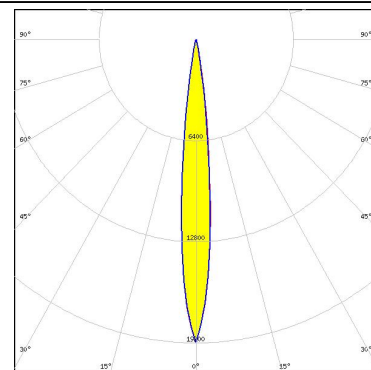
LED OSCONIQ P 3030
FWHM / FWTM 10.0° / 20.0°
Efficiency 96 %
Peak intensity 20.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

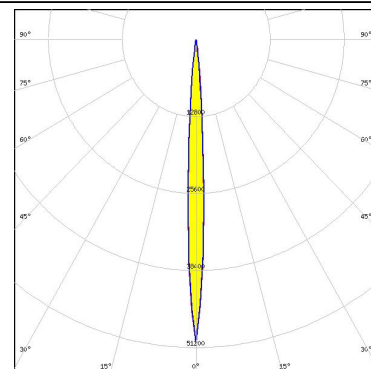
LED OSLON Black
FWHM / FWTM 11.0° / 20.0°
Efficiency 94 %
Peak intensity 19.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

LED OSLON Black Flat (LUW HWQP)
FWHM / FWTM 6.3° / 14.0°
Efficiency 94 %
Peak intensity 50.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

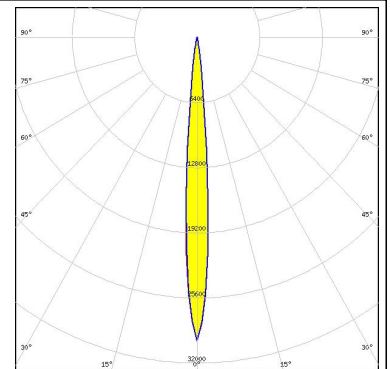


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

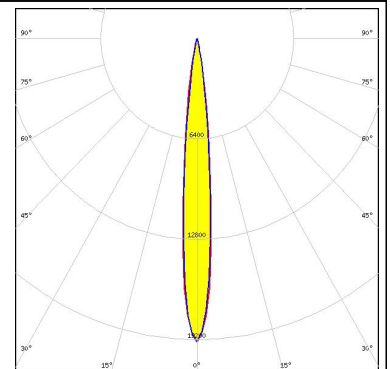
LED OSLON PURE 1010
FWHM / FWTM 8.0° / 16.0°
Efficiency 93 %
Peak intensity 29.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

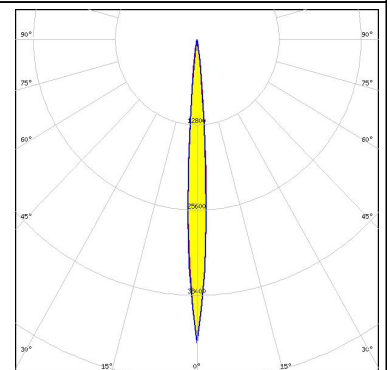
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 11.0° / 21.0°
Efficiency 94 %
Peak intensity 19.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

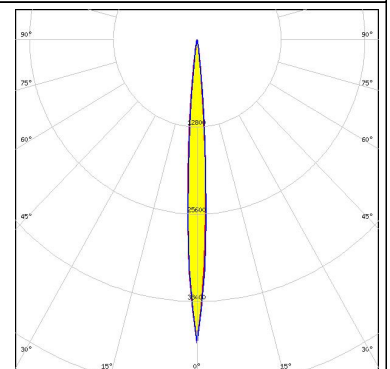
LED OSLON SSL 120
FWHM / FWTM 7.0° / 14.0°
Efficiency 96 %
Peak intensity 45.5 cd/lm
LEDs/each optic 1
Light colour Amber
Required components:



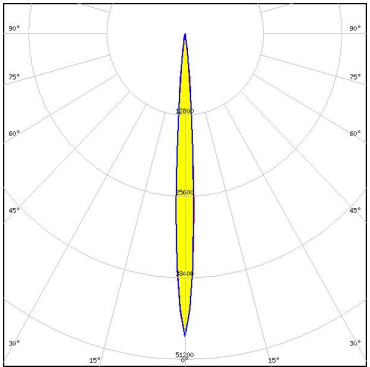
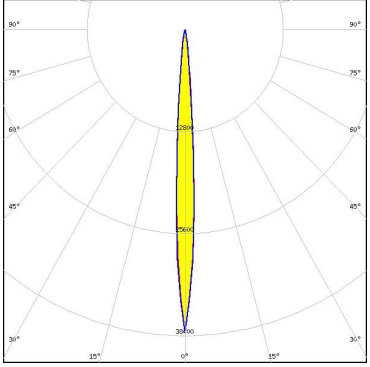
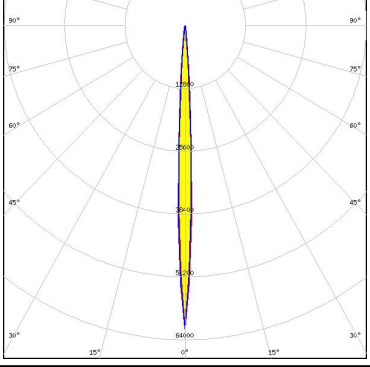
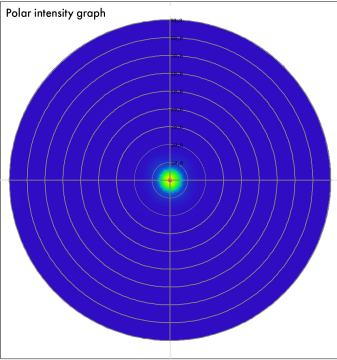
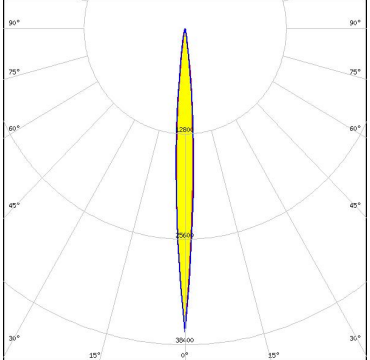
OSRAM

Opto Semiconductors

LED OSLON SSL 150
FWHM / FWTM 7.0° / 14.0°
Efficiency 96 %
Peak intensity 44.5 cd/lm
LEDs/each optic 1
Light colour Amber
Required components:



OPTICAL RESULTS (SIMULATED):

<div>OSRAM Opto Semiconductors</div> <div>LEDOSLON SSL 150</div> <div>FWHM / FWTM6.0° / 14.0°</div> <div>Efficiency96 %</div> <div>Peak intensity47.7 cd/lm</div> <div>LEDs/each optic1</div> <div>Light colourWhite</div> <div>Required components:</div>	
<div>OSRAM Opto Semiconductors</div> <div>LEDOSLON SSL 80</div> <div>FWHM / FWTM7.0° / 14.0°</div> <div>Efficiency94 %</div> <div>Peak intensity38 cd/lm</div> <div>LEDs/each optic1</div> <div>Light colourWhite</div> <div>Required components:</div>	
<div>OSRAM Opto Semiconductors</div> <div>LED SFH 4170S</div> <div>FWHM / FWTM6.0° / 11.0°</div> <div>Efficiency87 %</div> <div>LEDs/each optic1</div> <div>Light colourIR</div> <div>Required components:</div>	
<div>OSRAM Opto Semiconductors</div> <div>LED SFH 4715AS</div> <div>FWHM / FWTM6.0° / 16.0°</div> <div>Efficiency96 %</div> <div>LEDs/each optic1</div> <div>Light colourIR</div> <div>Required components:</div>	<div>Polar intensity graph</div>  

OPTICAL RESULTS (SIMULATED):

<div><div>OSRAM</div><div>Opto Semiconductors</div></div> <div><div>LED</div><div>SFH 4716AS</div></div> <div><div>FWHM / FWTM</div><div>8.0° / 14.0°</div></div> <div><div>Efficiency</div><div>96 %</div></div> <div><div>LEDs/each optic</div><div>1</div></div> <div><div>Light colour</div><div>IR</div></div> <div><div>Required components:</div></div>	
<div><div>OSRAM</div><div>Opto Semiconductors</div></div> <div><div>LED</div><div>SFH 4725AS</div></div> <div><div>FWHM / FWTM</div><div>8.0° / 18.0°</div></div> <div><div>Efficiency</div><div>95 %</div></div> <div><div>LEDs/each optic</div><div>1</div></div> <div><div>Light colour</div><div>IR</div></div> <div><div>Required components:</div></div>	<div></div> <div></div>
<div><div>SAMSUNG</div></div> <div><div>LED</div><div>LM301B</div></div> <div><div>FWHM / FWTM</div><div>9.0° / 18.0°</div></div> <div><div>Efficiency</div><div>94 %</div></div> <div><div>Peak intensity</div><div>28.5 cd/lm</div></div> <div><div>LEDs/each optic</div><div>1</div></div> <div><div>Light colour</div><div>White</div></div> <div><div>Required components:</div></div>	

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.

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