

SURI-RS

~6° real spot beam. Assembly with holder and installation tape.

SPECIFICATION:

Dimensions	Ø 37.8 mm
Height	24 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

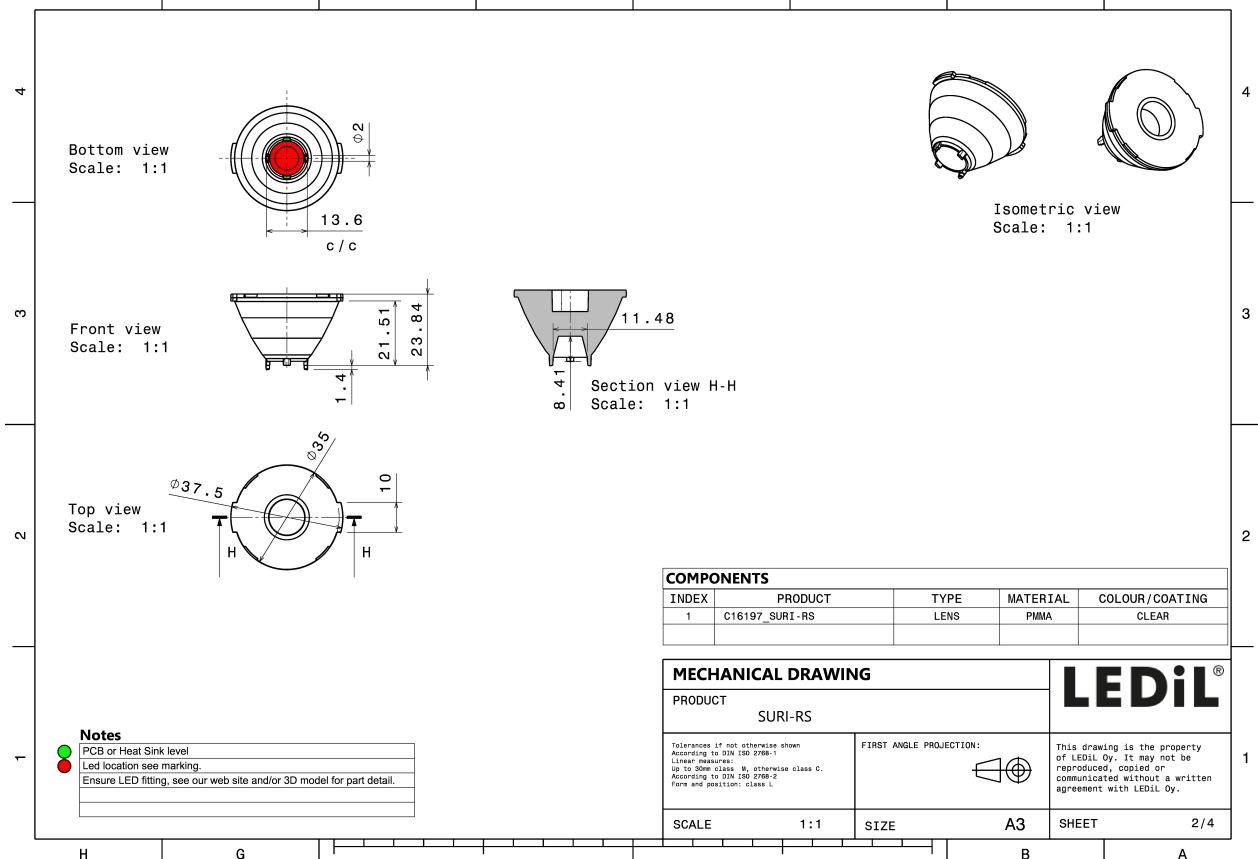
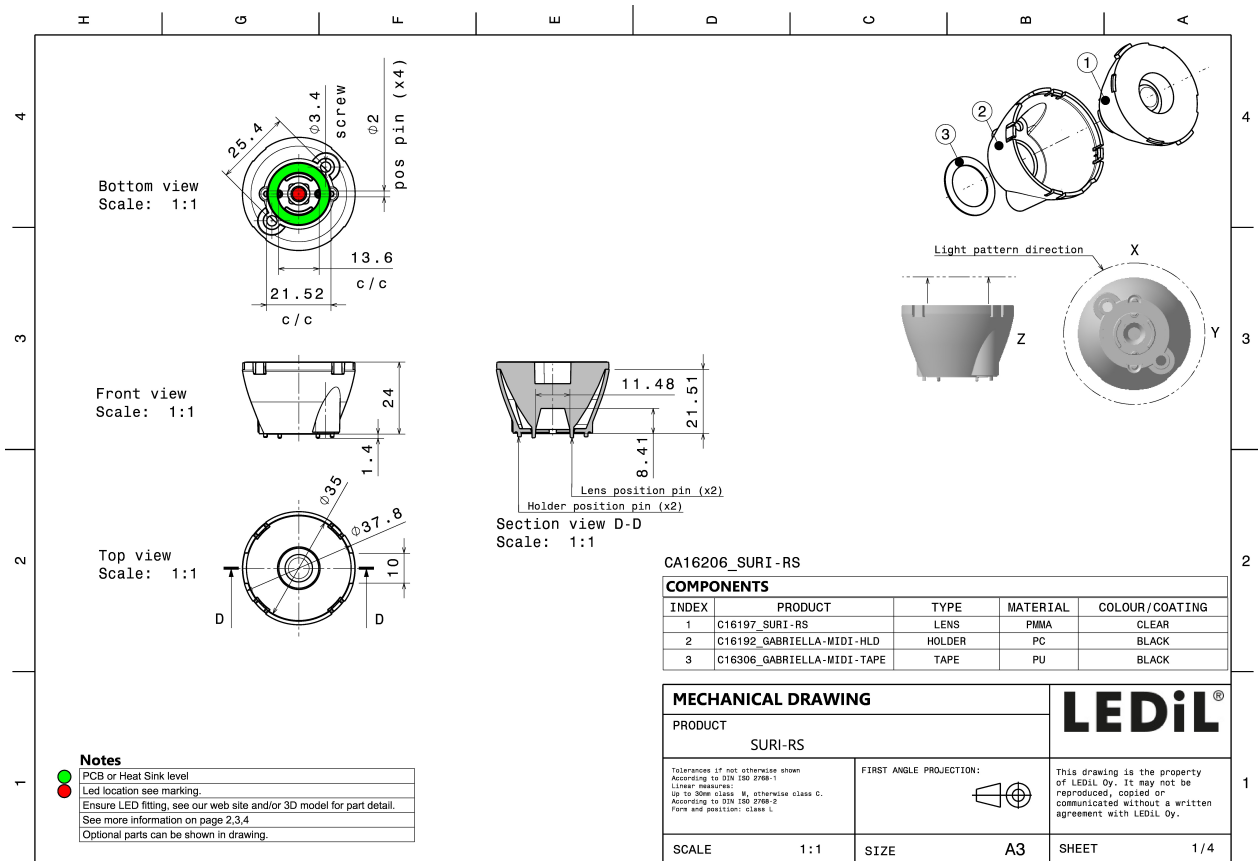
MATERIALS:

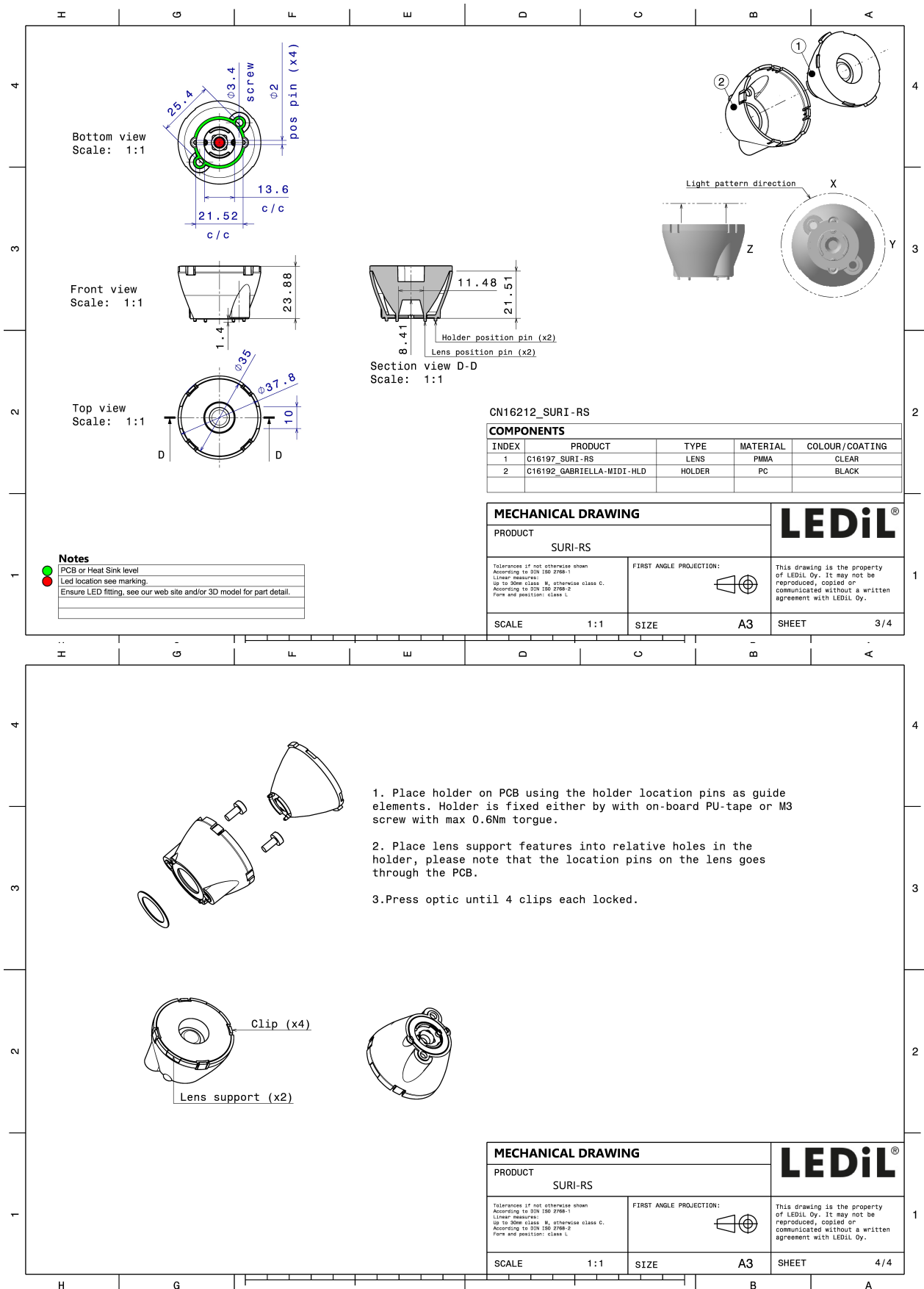
Component	Type	Material	Colour	Finish
SURI-RS	Single lens	PMMA	clear	
GABRIELLA-MIDI-HLD	Assembly	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA16206_SURI-RS	Single lens	500	100	50	11.7
» Box size: 476 x 273 x 292 mm					





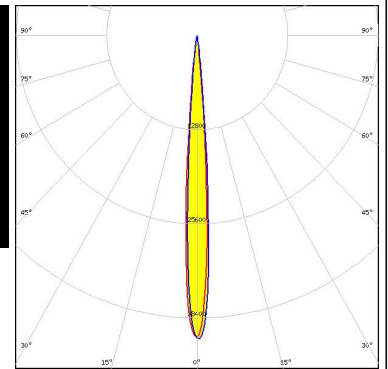
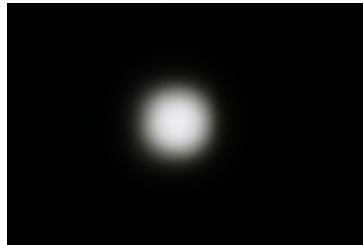


See also our general installation guide: www.ledil.com/installation_guide

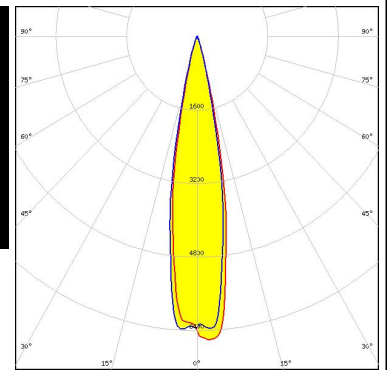
OPTICAL RESULTS (MEASURED):



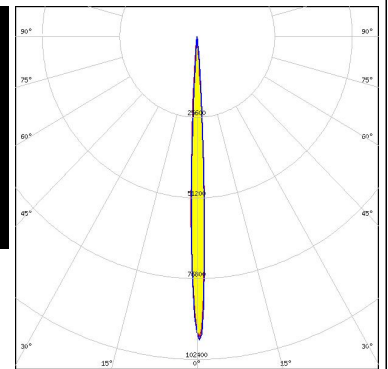
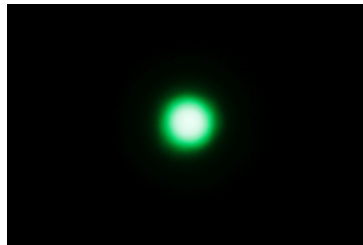
LED XHP35 HI
FWHM / FWTM 8.0° / 13.0°
Efficiency 91 %
Peak intensity 41 cd/lm
LEDs/each optic 1
Light colour White
Required components:



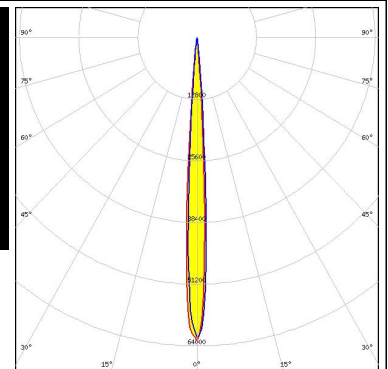
LED XHP70.2
FWHM / FWTM 20.0° / 32.0°
Efficiency 87 %
Peak intensity 6.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-E2
FWHM / FWTM 5.0° / 9.0°
Efficiency 93 %
Peak intensity 101 cd/lm
LEDs/each optic 1
Light colour Green
Required components:



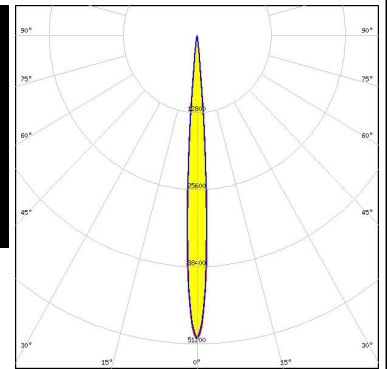
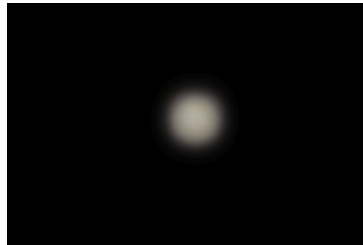
LED XP-G2
FWHM / FWTM 7.0° / 11.0°
Efficiency 94 %
Peak intensity 63.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



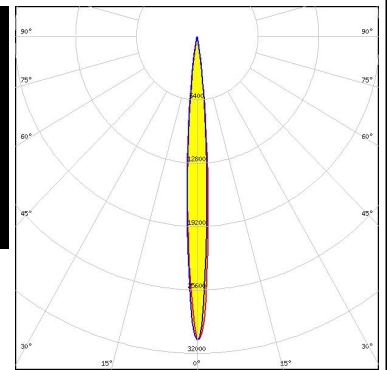
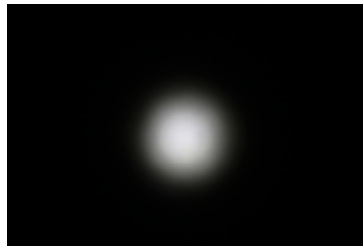
OPTICAL RESULTS (MEASURED):



LED XP-G4
FWHM / FWTM 7.0° / 13.0°
Efficiency 94 %
Peak intensity 50.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



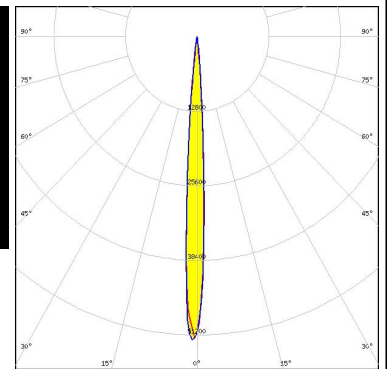
LED XP-L HI
FWHM / FWTM 8.0° / 17.0°
Efficiency 90 %
Peak intensity 30.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



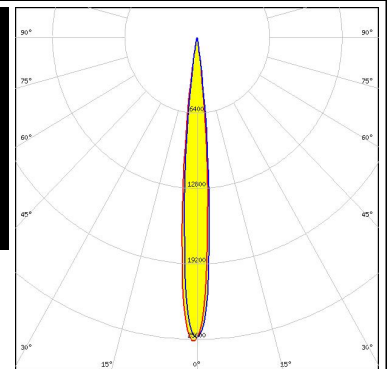
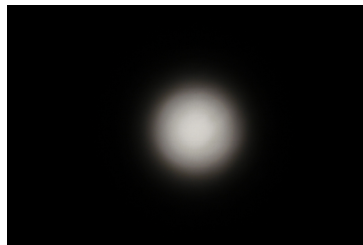
Protective plate, glass



LED XP-L HI
FWHM / FWTM 7.0° / 12.0°
Efficiency 91 %
Peak intensity 52.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



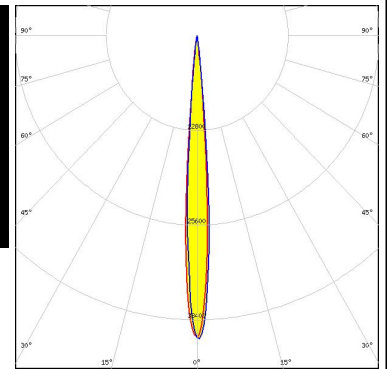
LED LUXEON V
FWHM / FWTM 10.0° / 17.0°
Efficiency 88 %
Peak intensity 26 cd/lm
LEDs/each optic 1
Light colour White
Required components:



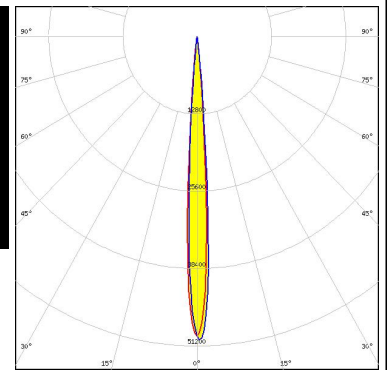
OPTICAL RESULTS (MEASURED):



LED NVSW219F
FWHM / FWTM 8.0° / 13.0°
Efficiency 91 %
Peak intensity 41 cd/lm
LEDs/each optic 1
Light colour White
Required components:

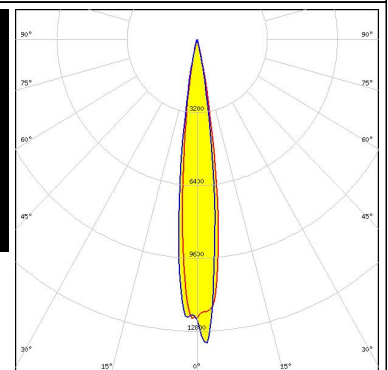


LED NVSW719AC
FWHM / FWTM 7.0° / 12.0°
Efficiency 91 %
Peak intensity 50.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



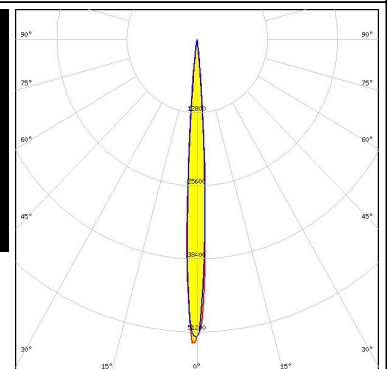
Opto Semiconductors

LED Duris S8
FWHM / FWTM 14.0° / 24.0°
Efficiency 90 %
Peak intensity 13 cd/lm
LEDs/each optic 1
Light colour White
Required components:



Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 7.0° / 12.0°
Efficiency 91 %
Peak intensity 53 cd/lm
LEDs/each optic 1
Light colour White
Required components:

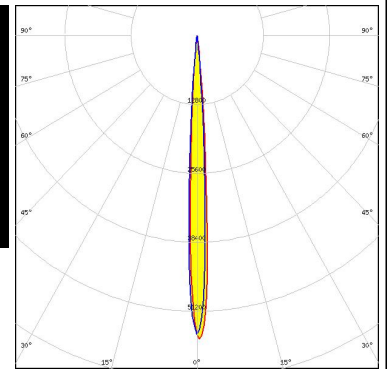


OPTICAL RESULTS (MEASURED):

OSRAM

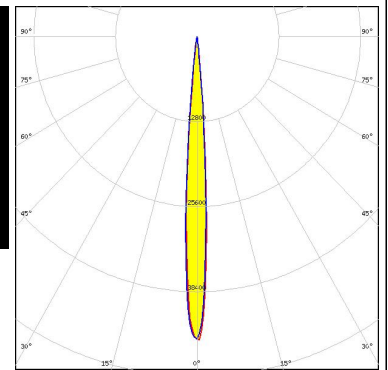
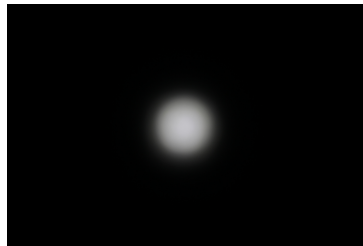
Opto Semiconductors

LED OSLON Square EC
FWHM / FWTM 6.0° / 12.0°
Efficiency 90 %
Peak intensity 56 cd/lm
LEDs/each optic 1
Light colour White
Required components:



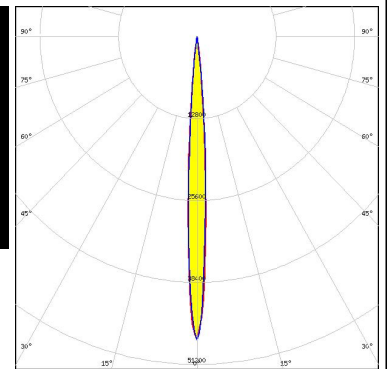
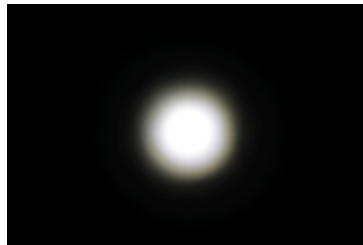
SAMSUNG

LED LH351B
FWHM / FWTM 8.0° / 13.0°
Efficiency 93 %
Peak intensity 45.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



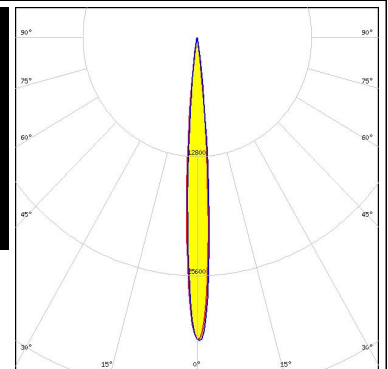
SAMSUNG

LED LM302A
FWHM / FWTM 7.0° / 13.0°
Efficiency 92 %
Peak intensity 47 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

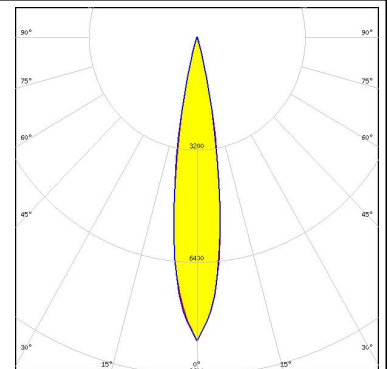
LED Z5M3
FWHM / FWTM 8.0° / 15.0°
Efficiency 88 %
Peak intensity 32.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



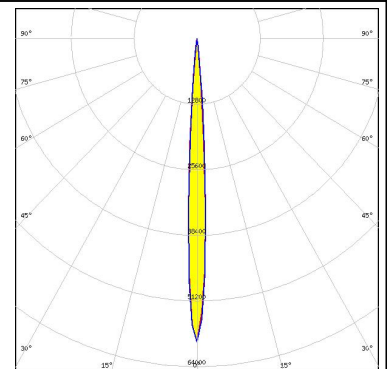
OPTICAL RESULTS (SIMULATED):



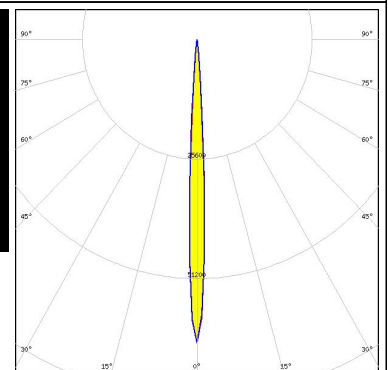
LED MHD-E/G
FWHM / FWTM 18.0° / 30.0°
Efficiency 91 %
Peak intensity 8.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



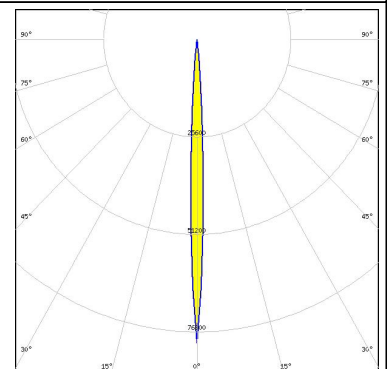
LED XB-H
FWHM / FWTM 6.0° / 12.0°
Efficiency 90 %
Peak intensity 59.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XD16
FWHM / FWTM 5.9° / 11.0°
Efficiency 89 %
Peak intensity 65 cd/lm
LEDs/each optic 1
Light colour White
Required components:



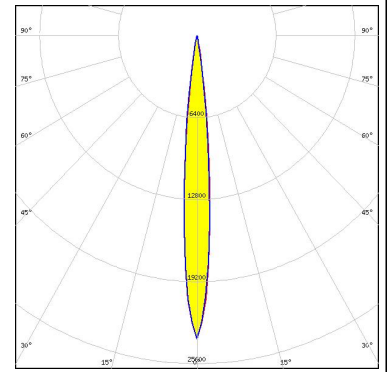
LED XE-G
FWHM / FWTM 6.0° / 10.0°
Efficiency 89 %
Peak intensity 79.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



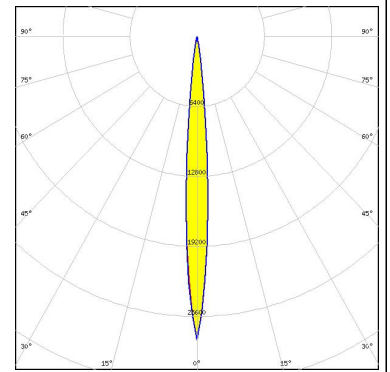
OPTICAL RESULTS (SIMULATED):



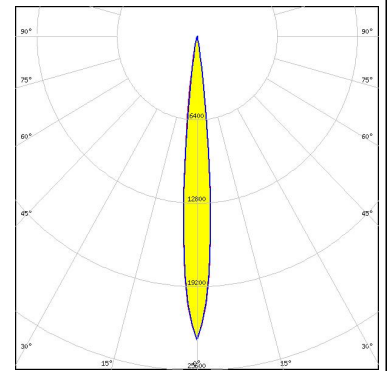
LED XHP35 HD
FWHM / FWTM 10.0° / 18.0°
Efficiency 91 %
Peak intensity 23.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



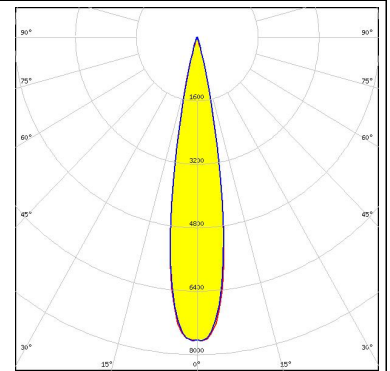
LED XHP35.2 HD
FWHM / FWTM 8.0° / 18.0°
Efficiency 87 %
Peak intensity 27.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP50.3 HI
FWHM / FWTM 10.0° / 18.0°
Efficiency 96 %
Peak intensity 23.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



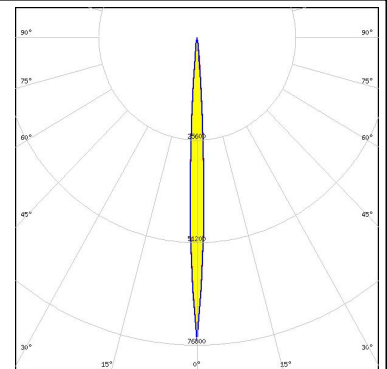
LED XHP70.3 HI
FWHM / FWTM 20.0° / 30.0°
Efficiency 95 %
Peak intensity 7.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



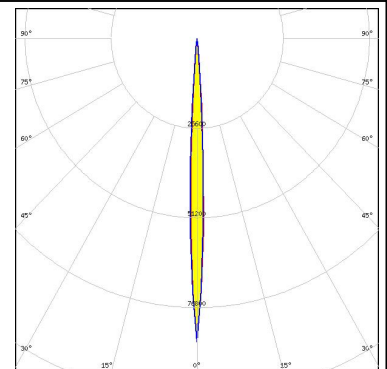
OPTICAL RESULTS (SIMULATED):



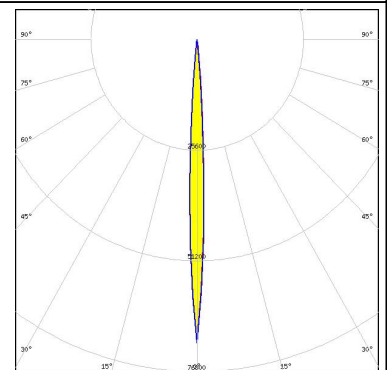
LED XP-E
FWHM / FWTM 6.0° / 12.0°
Efficiency 92 %
Peak intensity 75.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



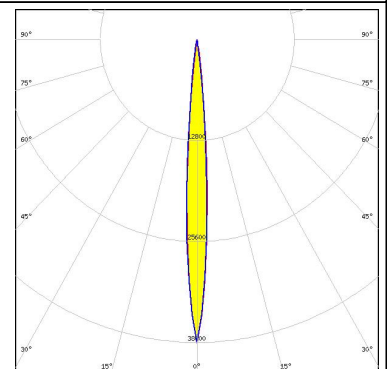
LED XP-E2
FWHM / FWTM 5.0° / 10.0°
Efficiency 91 %
Peak intensity 85 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-E2
FWHM / FWTM 6.0° / 12.0°
Efficiency 90 %
Peak intensity 70.2 cd/lm
LEDs/each optic 1
Light colour Red
Required components:



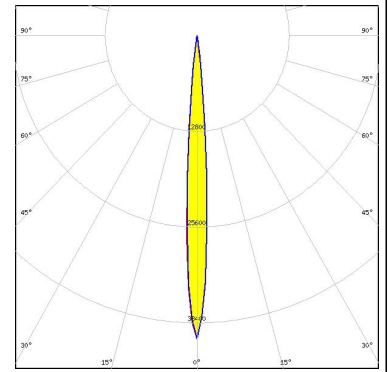
LED XP-G2 HE
FWHM / FWTM 8.0° / 14.0°
Efficiency 90 %
Peak intensity 38.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



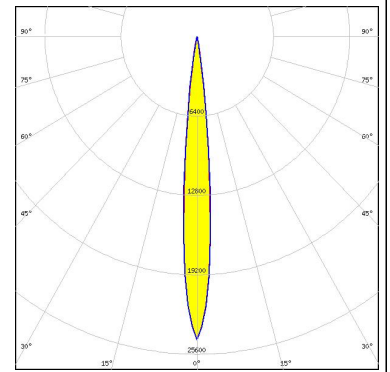
OPTICAL RESULTS (SIMULATED):



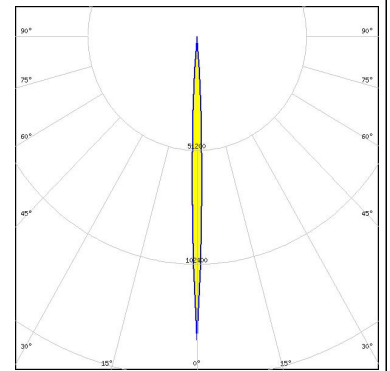
LED XP-G3
FWHM / FWTM 7.7° / 14.0°
Efficiency 90 %
Peak intensity 40.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



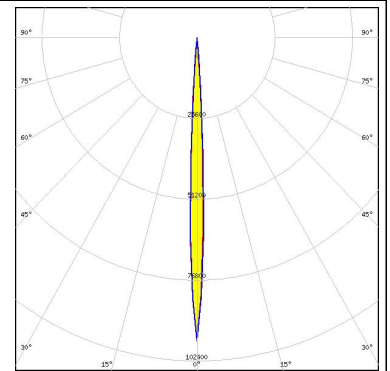
LED XP-L2
FWHM / FWTM 10.0° / 18.0°
Efficiency 89 %
Peak intensity 24.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-P
FWHM / FWTM 4.0° / 8.0°
Efficiency 90 %
Peak intensity 136.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



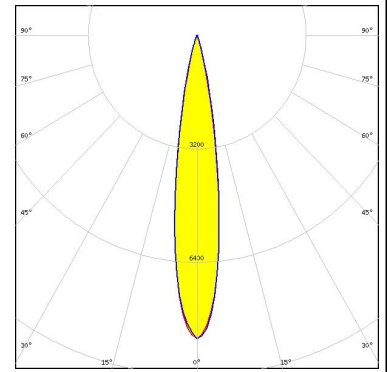
LED XQ-E HD
FWHM / FWTM 5.2° / 9.5°
Efficiency 92 %
Peak intensity 96.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

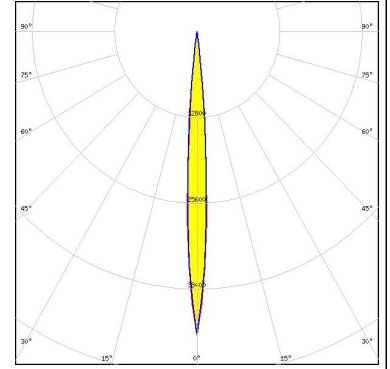
LUMILEDS

LED LUXEON 7070
FWHM / FWTM 16.0° / 30.0°
Efficiency 90 %
Peak intensity 8.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:



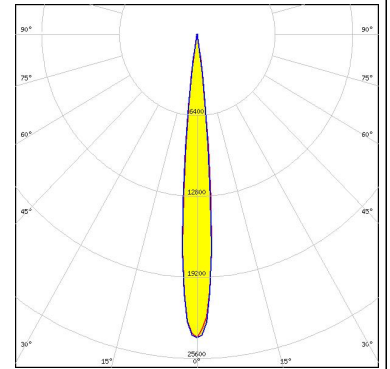
LUMILEDS

LED LUXEON HL2X
FWHM / FWTM 8.0° / 14.0°
Efficiency 92 %
Peak intensity 45.2 cd/Im
LEDs/each optic 1
Light colour White
Required components:



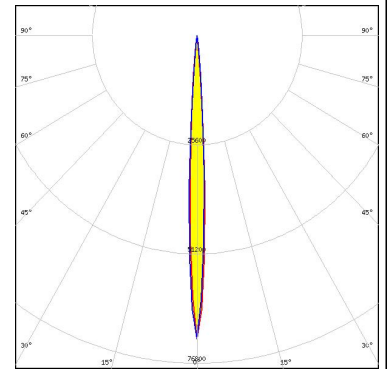
LUMILEDS

LED LUXEON MZ
FWHM / FWTM 10.5° / 17.8°
Efficiency 94 %
Peak intensity 24.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

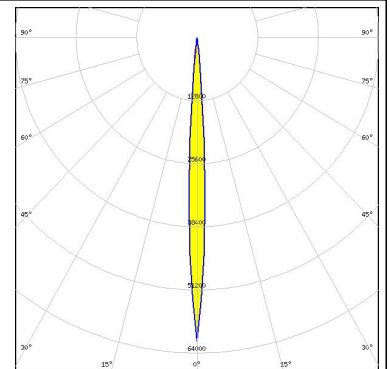
LED LUXEON Rebel Plus
FWHM / FWTM 6.0° / 11.0°
Efficiency 89 %
Peak intensity 71.1 cd/Im
LEDs/each optic 1
Light colour White
Required components:



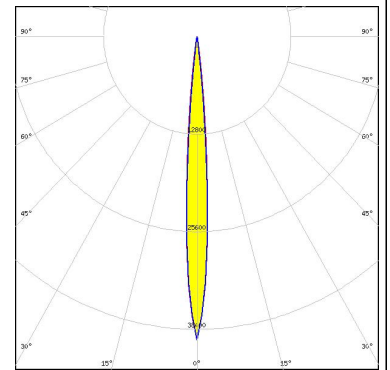
OPTICAL RESULTS (SIMULATED):



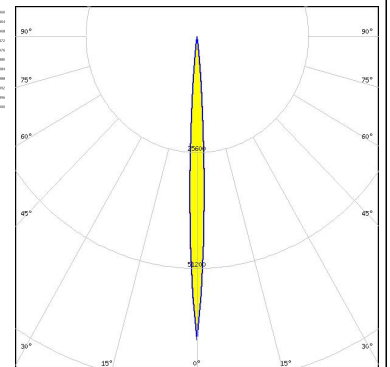
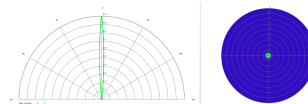
LED SFT-40-WCS
FWHM / FWTM 6.0° / 12.0°
Efficiency 95 %
Peak intensity 61.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



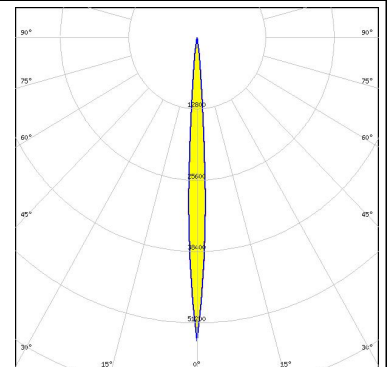
LED SFT-70X-WCS
FWHM / FWTM 8.0° / 14.0°
Efficiency 96 %
Peak intensity 39.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED SST-10-B130
FWHM / FWTM 6.0° / 11.0°
Efficiency 91 %
LEDs/each optic 1
Light colour IR
Required components:



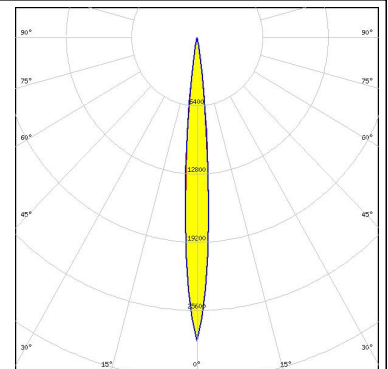
LED SST-20
FWHM / FWTM 6.0° / 12.0°
Efficiency 90 %
Peak intensity 54.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



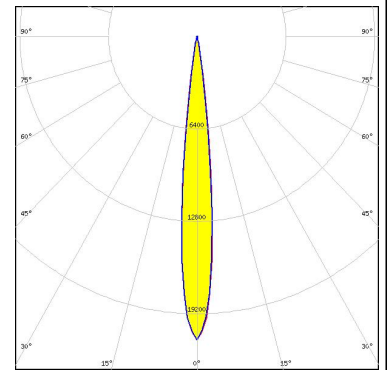
OPTICAL RESULTS (SIMULATED):



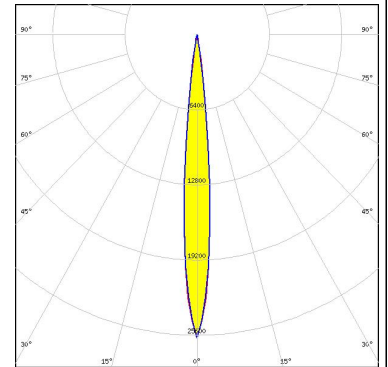
LED SST-40
FWHM / FWTM 10.0° / 18.0°
Efficiency 91 %
Peak intensity 28.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



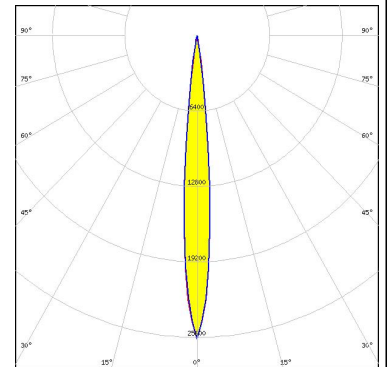
LED SST-70X-WCS
FWHM / FWTM 12.0° / 20.0 + 18.0°
Efficiency 96 %
Peak intensity 21 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NV4WB35AM
FWHM / FWTM 10.0° / 18.0°
Efficiency 91 %
Peak intensity 25.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



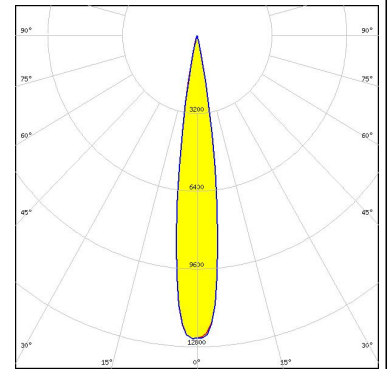
LED NV4WB35AM
FWHM / FWTM 10.0° / 18.0°
Efficiency 91 %
Peak intensity 25.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



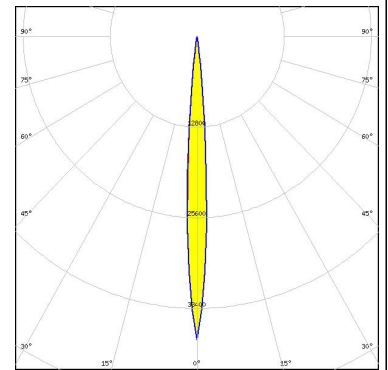
OPTICAL RESULTS (SIMULATED):



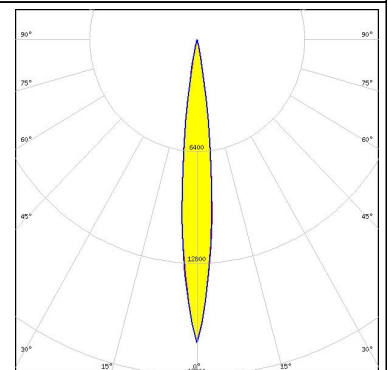
LED NV4x144A
FWHM / FWTM 15.0° / 24.0°
Efficiency 89 %
Peak intensity 12.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



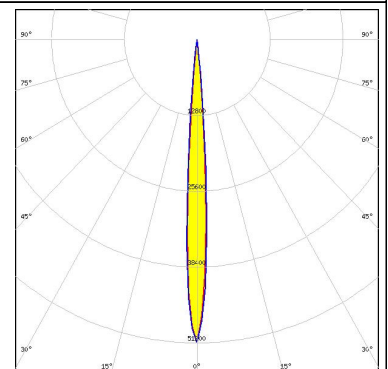
LED NVSxx19B/NVSxx19C
FWHM / FWTM 7.5° / 14.4°
Efficiency 91 %
Peak intensity 42.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSLO PURE 1010
FWHM / FWTM 12.0° / 22.0°
Efficiency 88 %
Peak intensity 17.4 cd/lm
LEDs/each optic 9
Light colour White
Required components:



LED SFH 4715AS
FWHM / FWTM 8.0° / 12.0°
Efficiency 90 %
LEDs/each optic 1
Light colour IR
Required components:

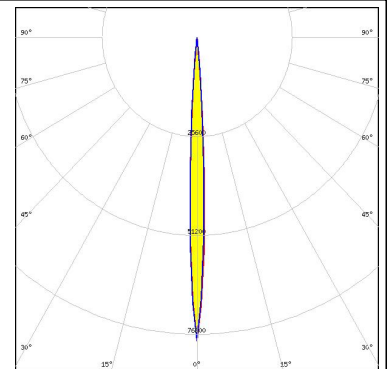


OPTICAL RESULTS (SIMULATED):

OSRAM

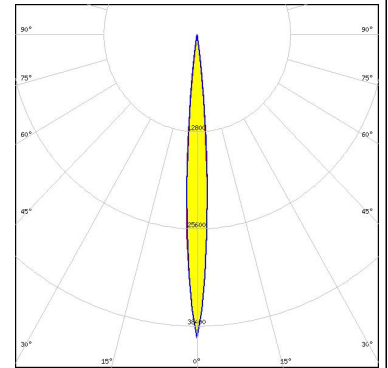
Opto Semiconductors

LED SFH 4716AS
FWHM / FWTM 6.0° / 10.0°
Efficiency 90 %
LEDs/each optic 1
Light colour IR
Required components:



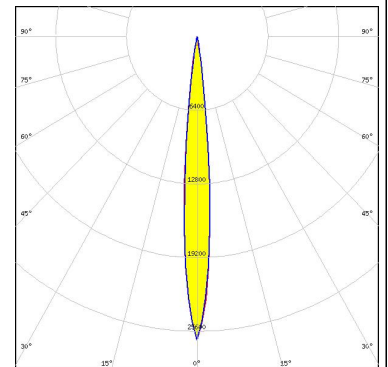
SAMSUNG

LED LH351C
FWHM / FWTM 8.0° / 14.0°
Efficiency 92 %
Peak intensity 39.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



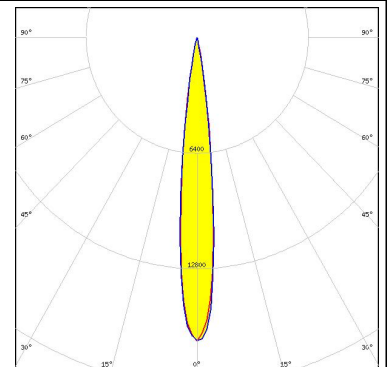
SAMSUNG

LED LH351D
FWHM / FWTM 10.0° / 18.0°
Efficiency 91 %
Peak intensity 26.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH502D
FWHM / FWTM 12.0° / 22.0°
Efficiency 91 %
Peak intensity 16.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P</p> <p>FWHM / FWTM 8.0° / 14.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 38.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y50P</p> <p>FWHM / FWTM 15.5° / 26.1°</p> <p>Efficiency 94 %</p> <p>Peak intensity 10.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

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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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

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

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