

G2-LXP2-RS2-P

~8.5° spot beam with light, black holder.
Assembly with location pins and installation
tape.

SPECIFICATION:

Dimensions	Ø 21.8 mm
Height	14.7 mm
Fastening	pin, tape
ROHS compliant	yes ⓘ

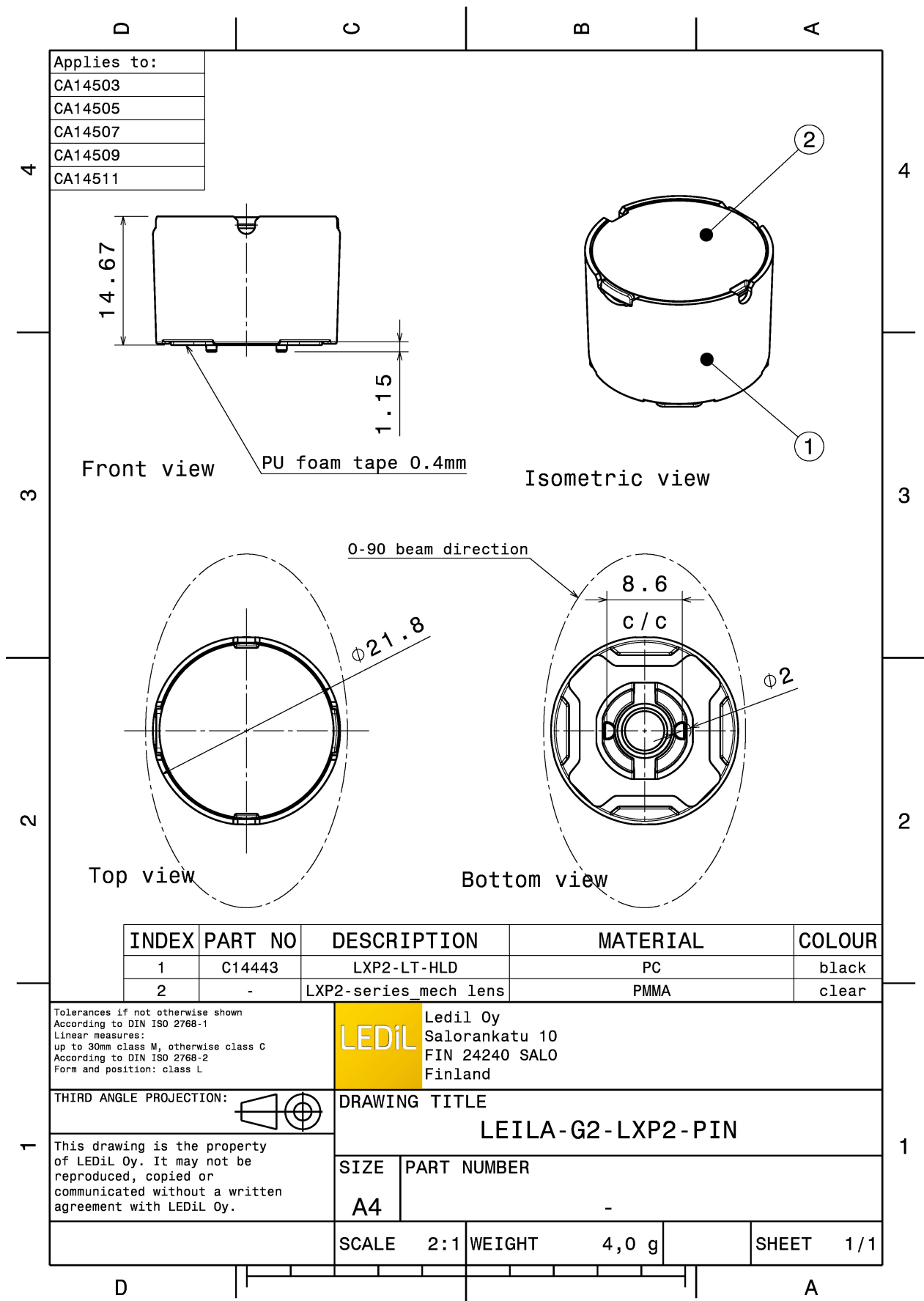


MATERIALS:

Component	Type	Material	Colour	Finish
LXP2-RS2	Single lens	PMMA		
LXP2-LT-HLD	Holder	PC	black	
HEIDI-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14505_G2-LXP2-RS2-P	Single lens	1680	336	112	8.1
» Box size: 480 x 280 x 300 mm					

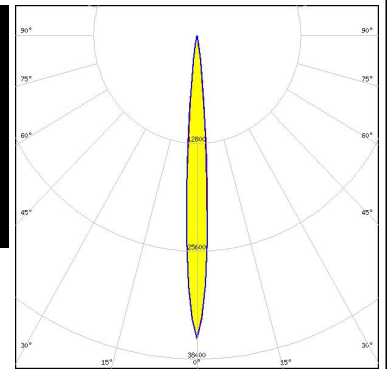
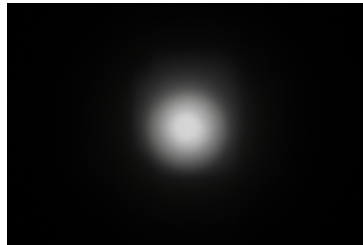


See also our general installation guide: www.ledil.com/installation_guide

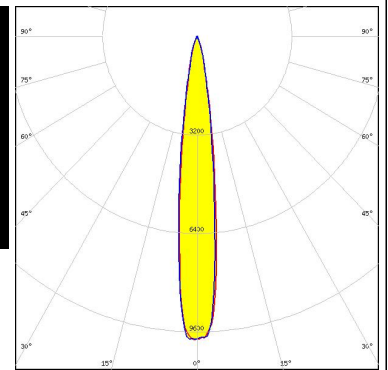
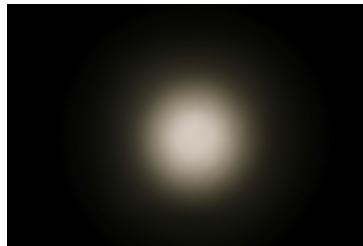
OPTICAL RESULTS (MEASURED):



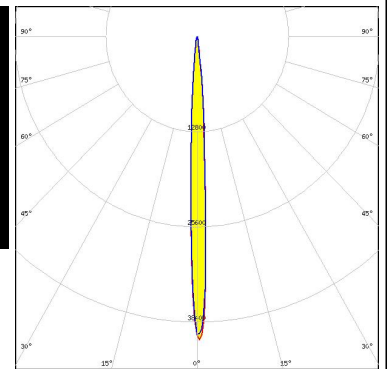
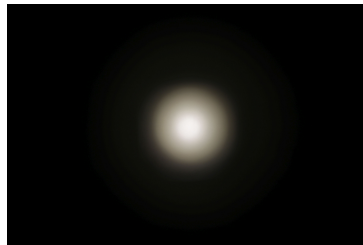
LED XP-E
FWHM / FWTM 7.0° / 15.0°
Efficiency 88 %
Peak intensity 34.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



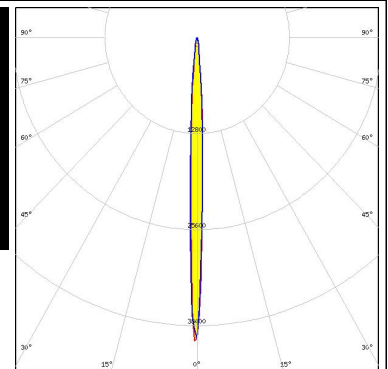
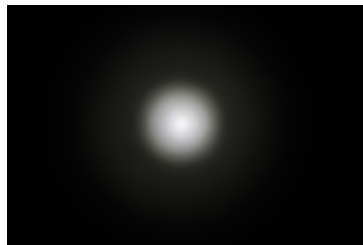
LED XP-L HD
FWHM / FWTM 14.0° / 29.0°
Efficiency 90 %
Peak intensity 9.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XQ-E HD
FWHM / FWTM 5.0° / 13.0°
Efficiency 89 %
Peak intensity 42 cd/lm
LEDs/each optic 1
Light colour White
Required components:



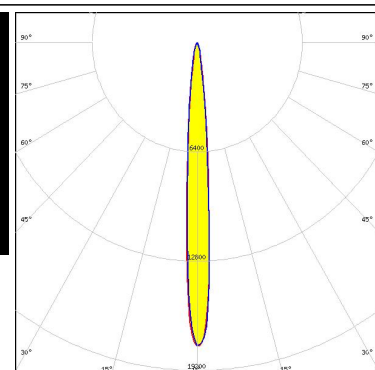
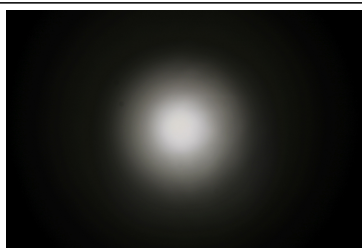
LED XQ-E HI
FWHM / FWTM 5.0° / 13.0°
Efficiency 88 %
Peak intensity 40.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



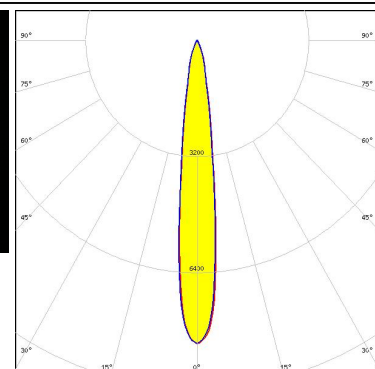
OPTICAL RESULTS (MEASURED):



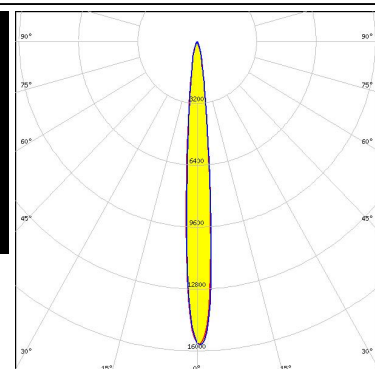
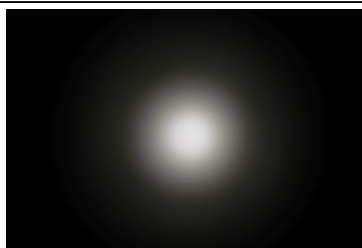
LED LUXEON Rebel ES
 FWHM / FWTM 9.0° / 20.0°
 Efficiency 90 %
 Peak intensity 17.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



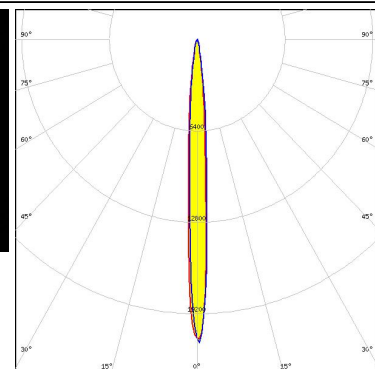
LED LUXEON V
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 89 %
 Peak intensity 8.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON V2
 FWHM / FWTM 9.0° / 22.0°
 Efficiency 90 %
 Peak intensity 15.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



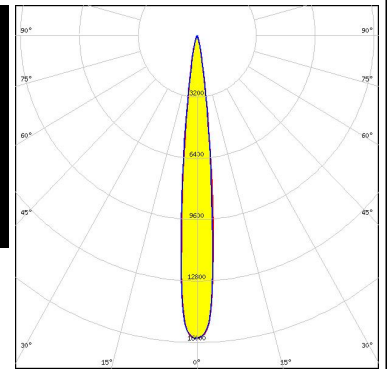
LED NCSxx19A
 FWHM / FWTM 6.8° / 18.0°
 Efficiency 89 %
 Peak intensity 21.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



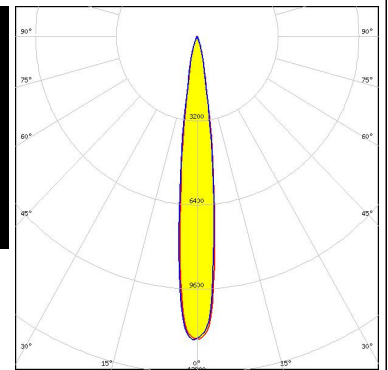
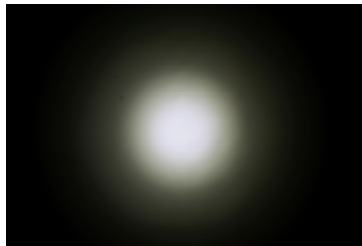
OPTICAL RESULTS (MEASURED):



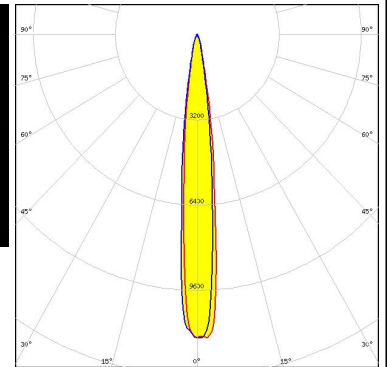
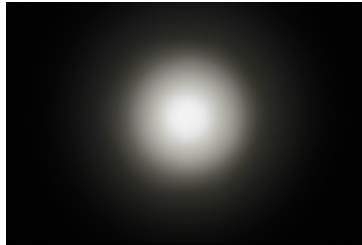
LED NVSW219D
FWHM / FWTM 12.0° / 22.0°
Efficiency 93 %
Peak intensity 16 cd/lm
LEDs/each optic 1
Light colour White
Required components:



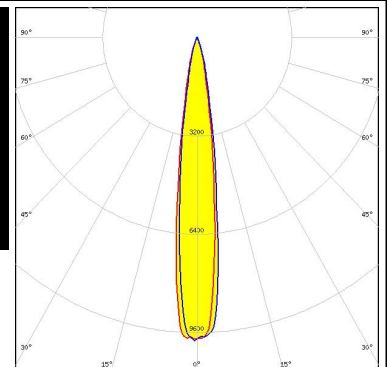
LED NVSW319B
FWHM / FWTM 13.0° / 27.0°
Efficiency 93 %
Peak intensity 11.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW3x9A
FWHM / FWTM 12.0° / 25.0°
Efficiency 89 %
Peak intensity 11.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW519A
FWHM / FWTM 14.0° / 30.0°
Efficiency 92 %
Peak intensity 9.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

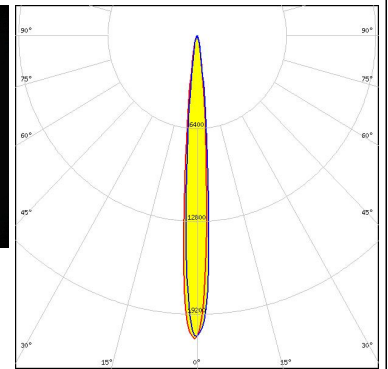
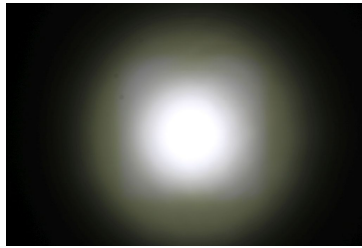


OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

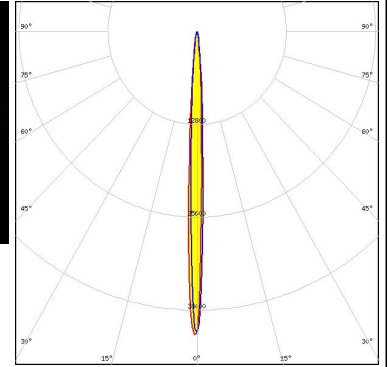
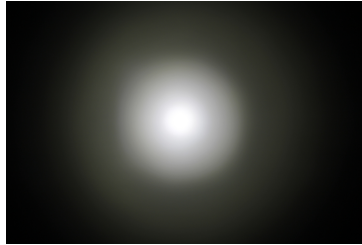
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 8.6° / 19.0°
Efficiency 92 %
Peak intensity 20.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

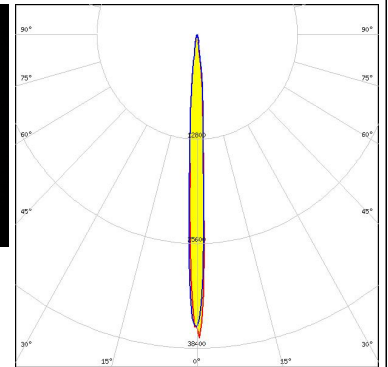
LED OSLON SSL 150
FWHM / FWTM 5.0° / 13.0°
Efficiency 90 %
Peak intensity 41.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

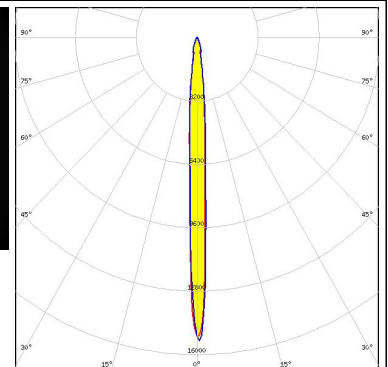
Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 5.0° / 14.0°
Efficiency 91 %
Peak intensity 37.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

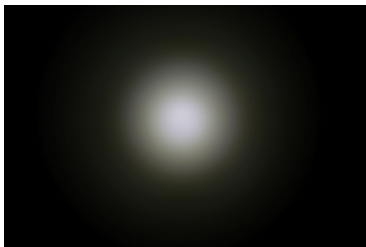
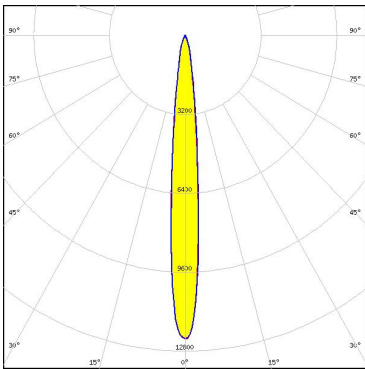
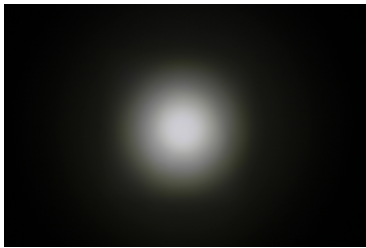
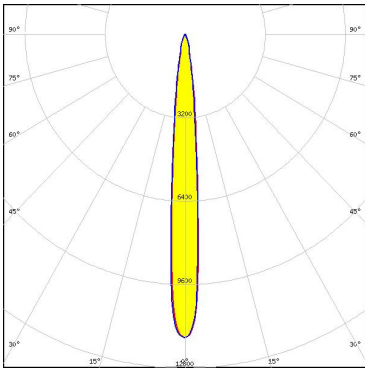


SAMSUNG

LED LH181A
FWHM / FWTM 6.0° / 19.0°
Efficiency 80 %
Peak intensity 15.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



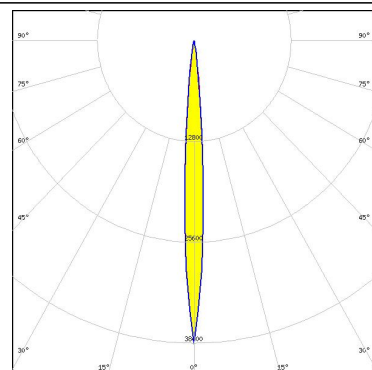
OPTICAL RESULTS (MEASURED):

 SEOUL SEMICONDUCTOR LED Z5M3 FWHM / FWTM 10.0° / 25.0° Efficiency 88 % Peak intensity 12.3 cd/lm LEDs/each optic 1 Light colour White Required components:		
 SEOUL SEMICONDUCTOR LED Z8Y22P FWHM / FWTM 10.0° / 24.0° Efficiency 84 % Peak intensity 11.6 cd/lm LEDs/each optic 1 Light colour White Required components:		

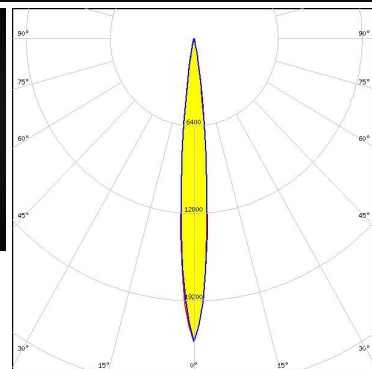
OPTICAL RESULTS (SIMULATED):



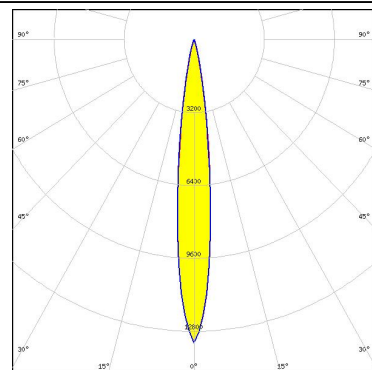
LED XP-E2
FWHM / FWTM 8.0° / 16.0°
Efficiency 93 %
Peak intensity 38.5 cd/Im
LEDs/each optic 1
Light colour White
Required components:



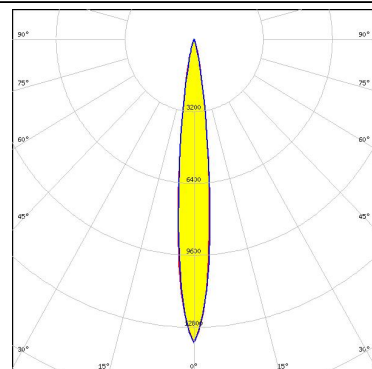
LED XP-G2
FWHM / FWTM 10.0° / 20.0°
Efficiency 94 %
Peak intensity 22.2 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED XP-G2 HE
FWHM / FWTM 12.0° / 26.0°
Efficiency 91 %
Peak intensity 13.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



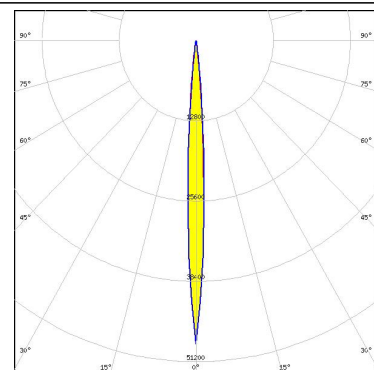
LED XP-G3
FWHM / FWTM 12.0° / 25.0°
Efficiency 91 %
Peak intensity 13.5 cd/Im
LEDs/each optic 1
Light colour White
Required components:



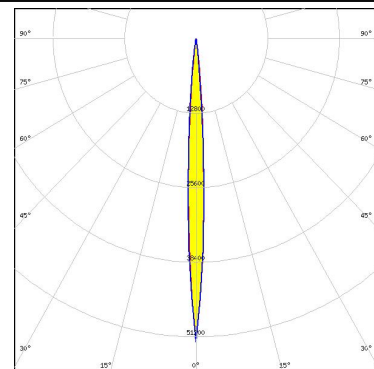
OPTICAL RESULTS (SIMULATED):



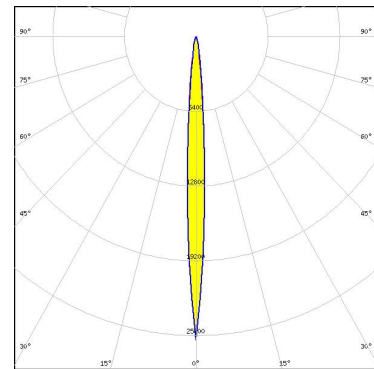
LED XP-P
FWHM / FWTM 6.0° / 14.0°
Efficiency 93 %
Peak intensity 48.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



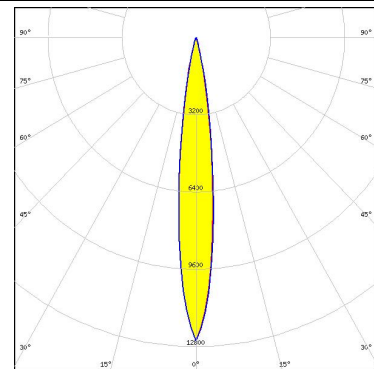
LED LUXEON CZ
FWHM / FWTM 6.0° / 14.0°
Efficiency 92 %
Peak intensity 52.1 cd/lm
LEDs/each optic 1
Light colour Red
Required components:



LED LUXEON HL1Z
FWHM / FWTM 6.0° / 18.0°
Efficiency 88 %
Peak intensity 26 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON HL2X
FWHM / FWTM 14.0° / 26.0°
Efficiency 93 %
Peak intensity 12.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):



LED LUXEON IR Domed 60 (L110-0xxx060000000)

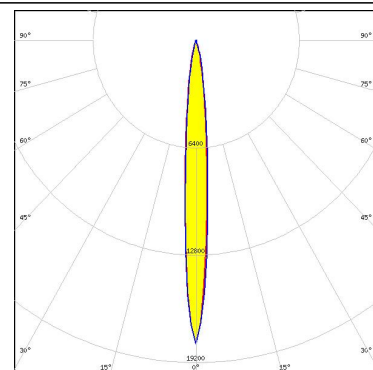
FWHM / FWTM 9.0° / 23.0°

Efficiency 93 %

LEDs/each optic 1

Light colour IR

Required components:



LED LUXEON T

FWHM / FWTM 11.0° / 22.0°

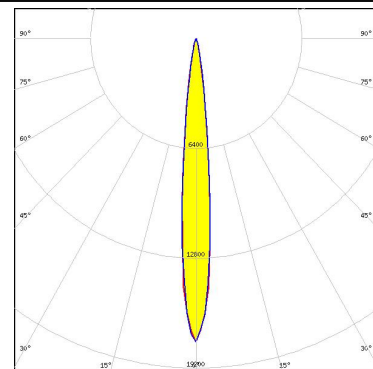
Efficiency 93 %

Peak intensity 17.7 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LED LUXEON TX

FWHM / FWTM 9.7° / 21.0°

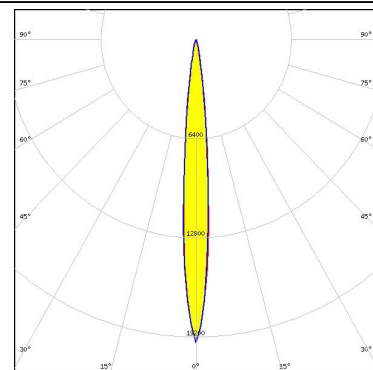
Efficiency 91 %

Peak intensity 19.6 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LED SFT-12R-W

FWHM / FWTM 4.0° / 12.0°

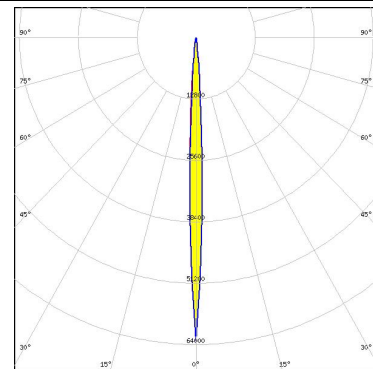
Efficiency 92 %

Peak intensity 63.2 cd/lm

LEDs/each optic 1

Light colour White

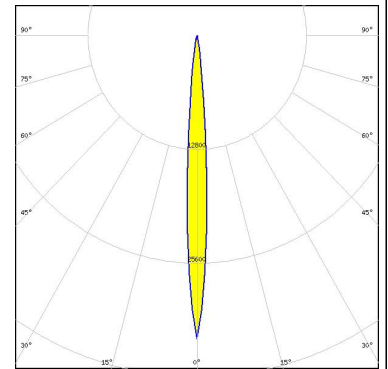
Required components:



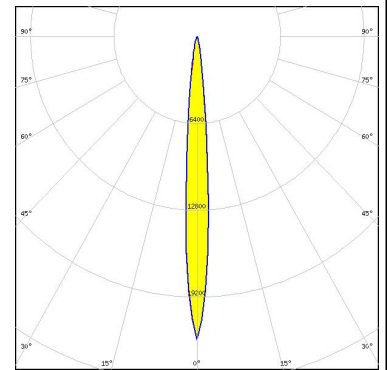
OPTICAL RESULTS (SIMULATED):



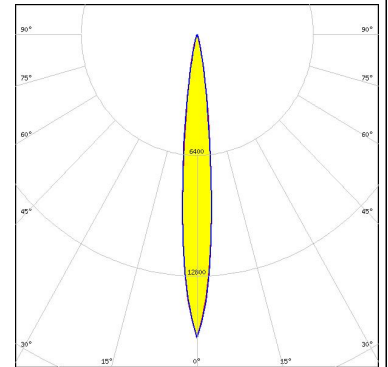
LED SST-12
FWHM / FWTM 8.0° / 16.0°
Efficiency 92 %
Peak intensity 34.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



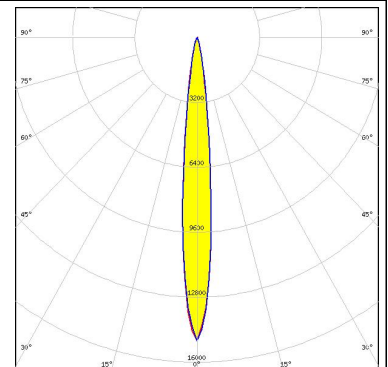
LED SST-20
FWHM / FWTM 8.0° / 19.0°
Efficiency 91 %
Peak intensity 22.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM / FWTM 12.0° / 24.0°
Efficiency 91 %
Peak intensity 16.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM / FWTM 11.0° / 23.0°
Efficiency 88 %
Peak intensity 15.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

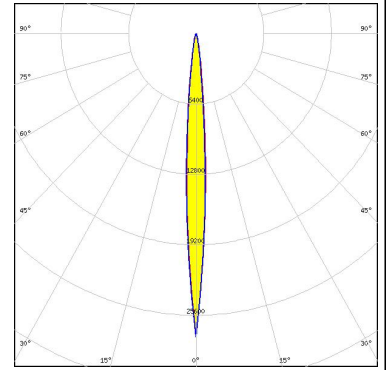


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

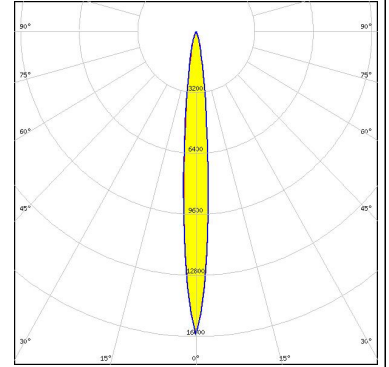
LED OSCONIQ P 3030
FWHM / FWTM 8.0° / 18.0°
Efficiency 92 %
Peak intensity 27.6 cd/lm
LEDs/each optic 1
Light colour Blue
Required components:



OSRAM

Opto Semiconductors

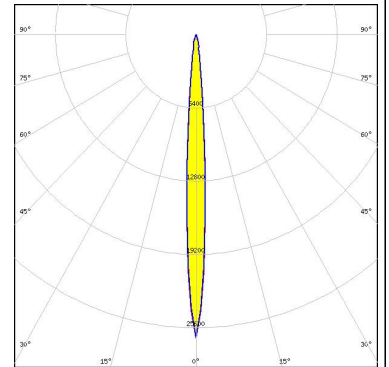
LED OSCONIQ P 3737 Flat
FWHM / FWTM 10.0° / 24.0°
Efficiency 93 %
Peak intensity 15.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

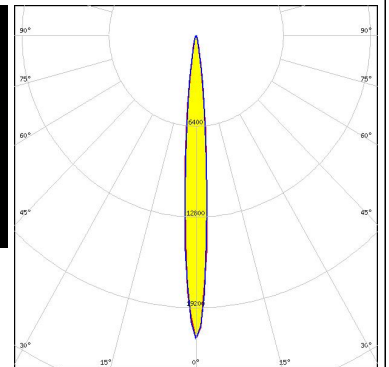
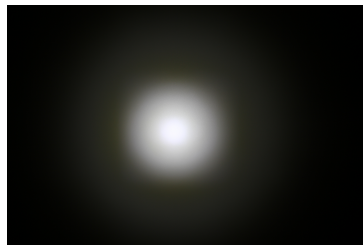
LED OSLON Black Flat (LUW HWQP)
FWHM / FWTM 8.0° / 16.0°
Efficiency 90 %
Peak intensity 26.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

LED OSLON Square Flat
FWHM / FWTM 8.7° / 19.0°
Efficiency 91 %
Peak intensity 21.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

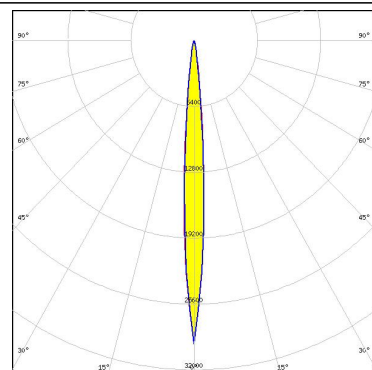


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

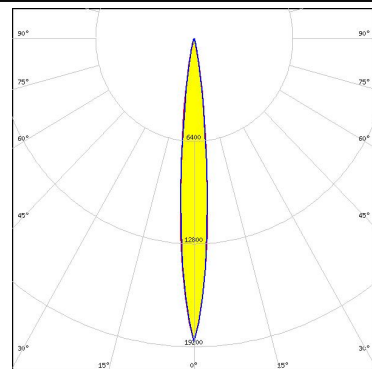
LED OSLON Square Flat
FWHM / FWTM 8.0° / 18.0°
Efficiency 93 %
Peak intensity 29.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

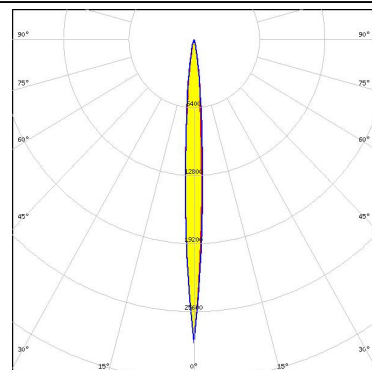
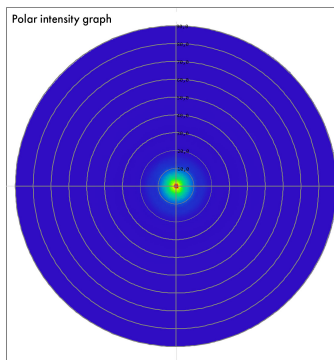
LED OSLON Square PC
FWHM / FWTM 11.0° / 22.0°
Efficiency 94 %
Peak intensity 18.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

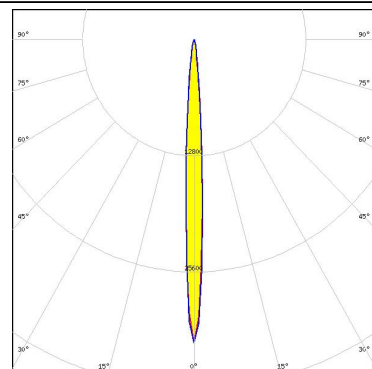
LED SFH 4715AS
FWHM / FWTM 6.0° / 18.0°
Efficiency 91 %
LEDs/each optic 1
Light colour IR
Required components:



OSRAM

Opto Semiconductors

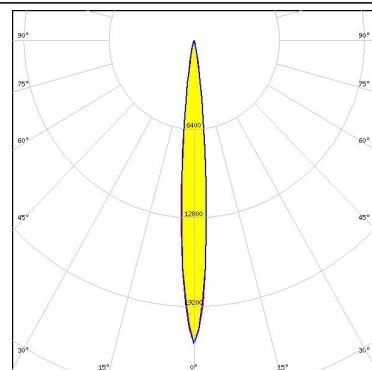
LED SFH 4716AS
FWHM / FWTM 6.5° / 15.0°
Efficiency 92 %
LEDs/each optic 1
Light colour IR
Required components:



OPTICAL RESULTS (SIMULATED):

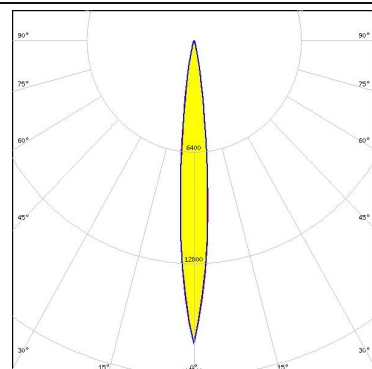
SAMSUNG

LED LH351A
FWHM / FWTM 9.0° / 20.0°
Efficiency 91 %
Peak intensity 21.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



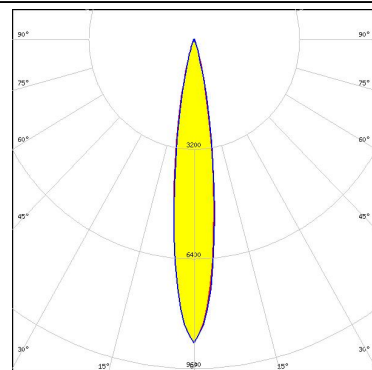
SAMSUNG

LED LH351B
FWHM / FWTM 10.0° / 23.0°
Efficiency 92 %
Peak intensity 17.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



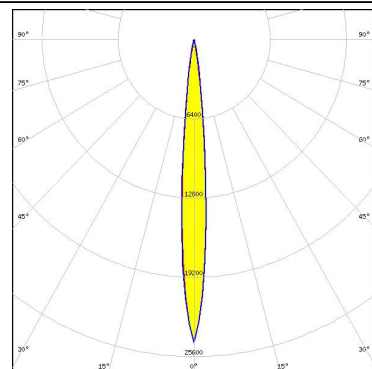
SAMSUNG

LED LH351D
FWHM / FWTM 16.0° / 30.0°
Efficiency 91 %
Peak intensity 8.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

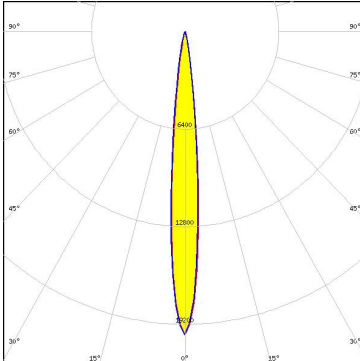
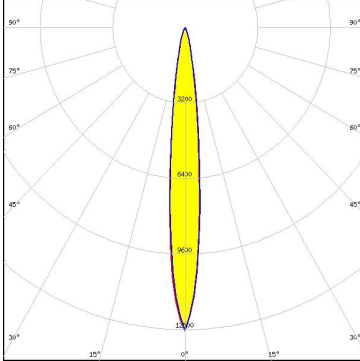
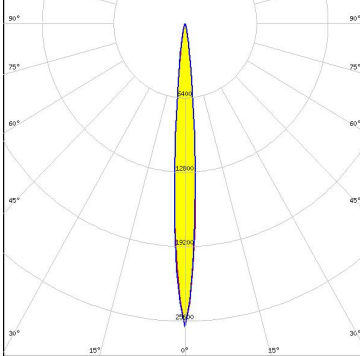


SAMSUNG

LED LH351Z
FWHM / FWTM 9.0° / 19.0°
Efficiency 93 %
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

 SEOUL SEMICONDUCTOR LED Z5M1/Z5M2 FWHM / FWTM 10.0° / 20.0° Efficiency 93 % Peak intensity 19.9 cd/lm LEDs/each optic 1 Light colour White Required components:	
 SEOUL SEMICONDUCTOR LED Z5M4 FWHM / FWTM 12.0° / 26.0° Efficiency 94 % Peak intensity 12.9 cd/lm LEDs/each optic 1 Light colour White Required components:	
 SEOUL SEMICONDUCTOR LED Z5P FWHM / FWTM 8.0° / 17.0° Efficiency 92 % Peak intensity 26.1 cd/lm LEDs/each optic 1 Light colour White 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.

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