

LEILA-Y-SS

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

SPECIFICATION:

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

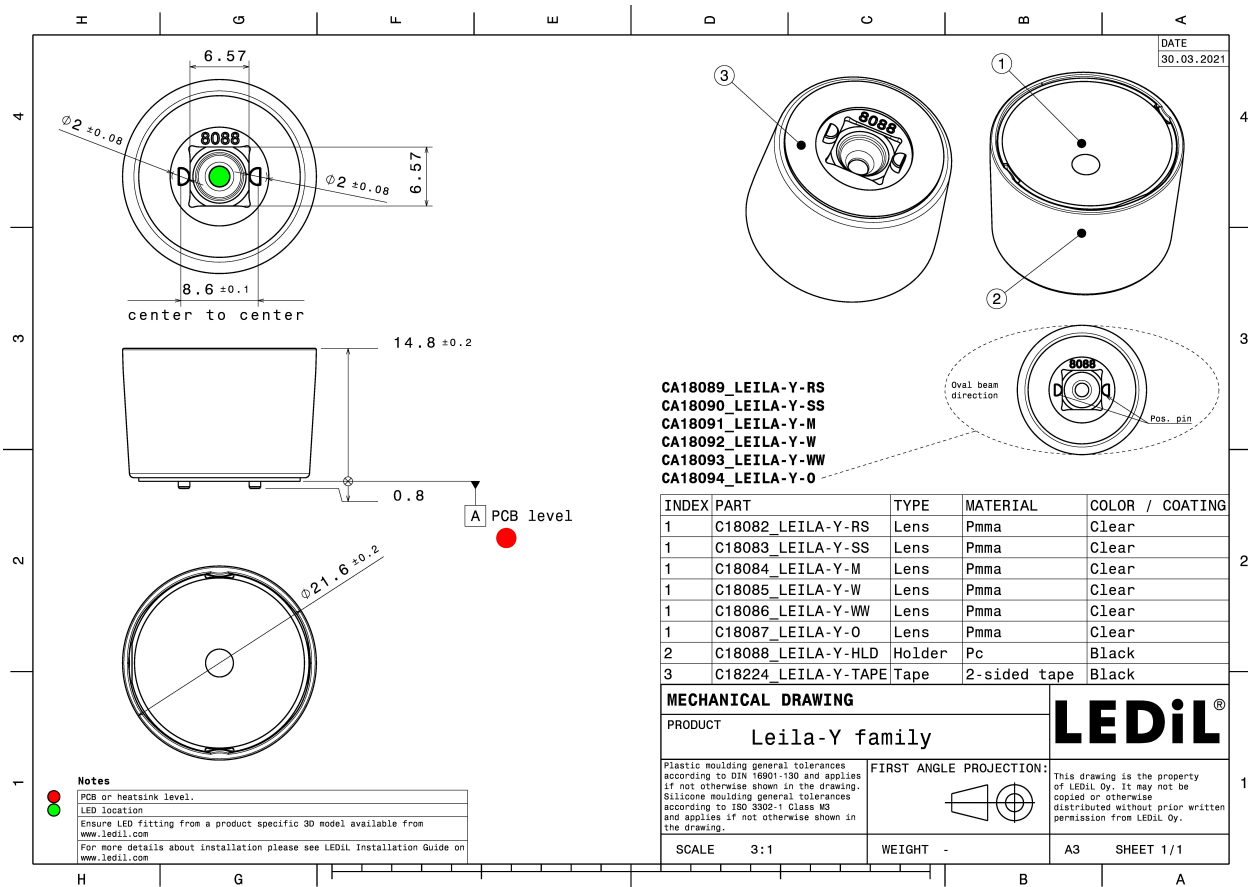
MATERIALS:

Component	Type	Material	Colour	Finish
LEILA-Y-SS	Single lens	PMMA	clear	gloss
LEILA-Y-HLD	Holder	PC	black	gloss
LEILA-Y-TAPE	Tape	Acrylic foam		

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				



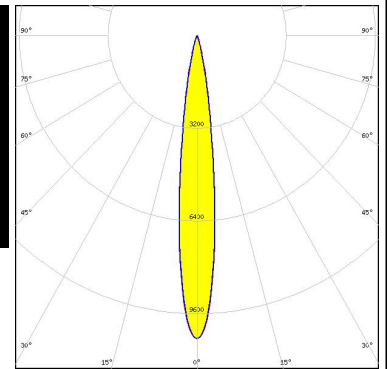


See also our general installation guide: www.ledil.com/installation_guide

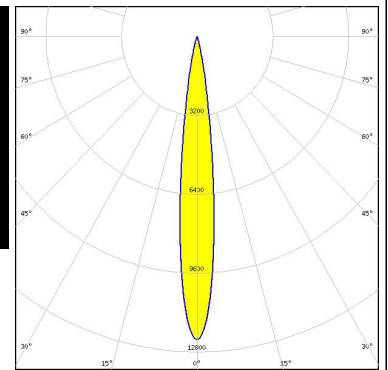
OPTICAL RESULTS (MEASURED):



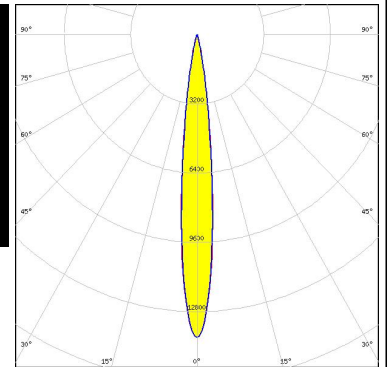
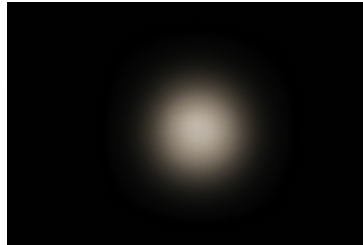
LED XHP35 HI
FWHM / FWTM 14.0° / 27.0°
Efficiency 83 %
Peak intensity 10.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



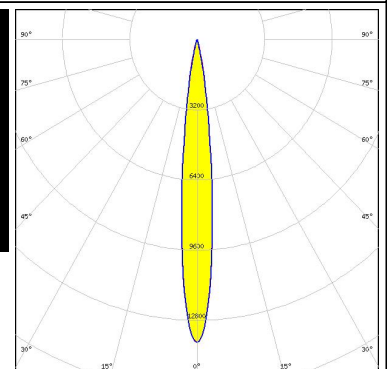
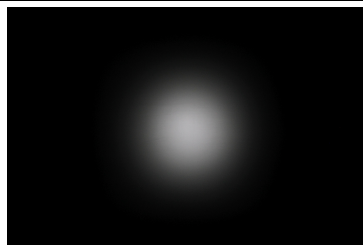
LED XP-G4
FWHM / FWTM 13.0° / 25.0°
Efficiency 85 %
Peak intensity 12.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



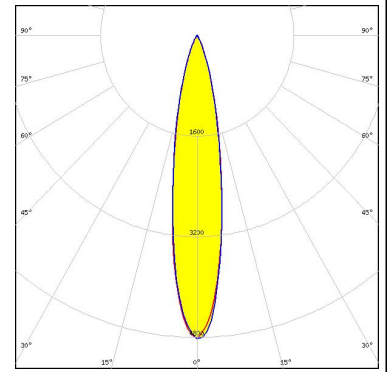
LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM 12.0° / 24.0°
Efficiency 84 %
Peak intensity 13.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



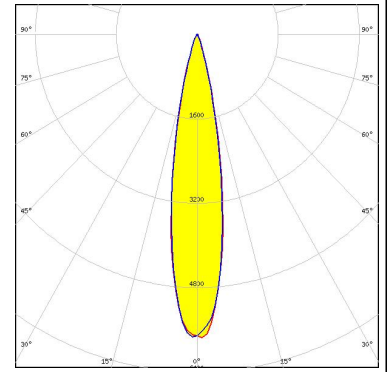
OPTICAL RESULTS (SIMULATED):



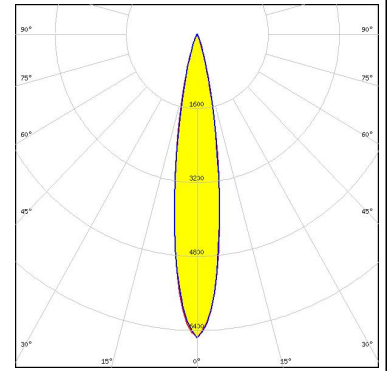
LED J Series 5050 Round LES
FWHM / FWTM 19.0° / 42.0°
Efficiency 82 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



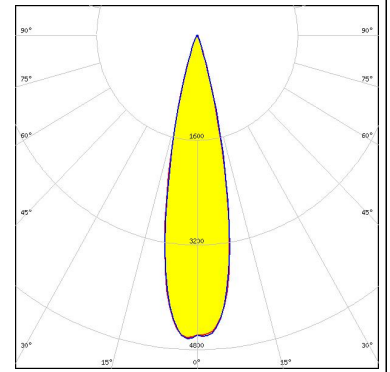
LED XHP35 HD
FWHM / FWTM 20.0° / 36.0°
Efficiency 83 %
Peak intensity 5.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



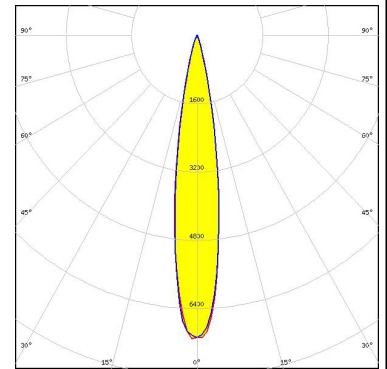
LED XM-L RGBW (XMLDCL HD)
FWHM / FWTM 24.0° / 38.0°
Efficiency 83 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour RGBW
Required components:



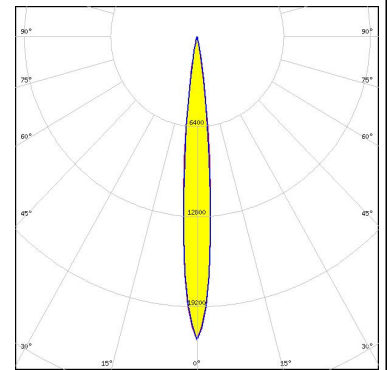
OPTICAL RESULTS (SIMULATED):



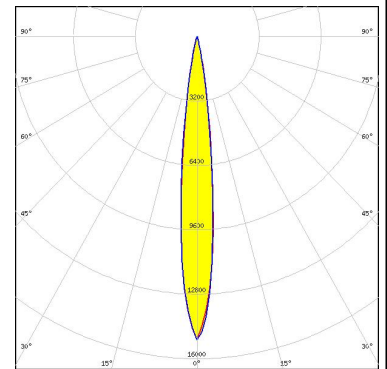
LED XM-L3
FWHM / FWTM 17.0° / 31.0°
Efficiency 80 %
Peak intensity 7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



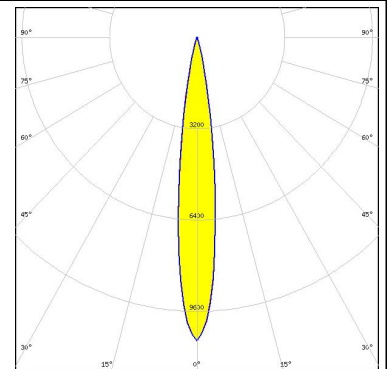
LED XP-E2
FWHM / FWTM 11.0° / 20.0°
Efficiency 91 %
Peak intensity 21 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



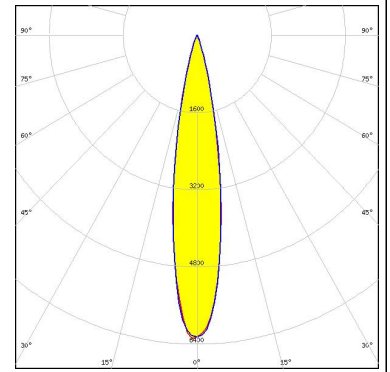
LED XP-G3
FWHM / FWTM 14.0° / 27.0°
Efficiency 84 %
Peak intensity 10 cd/lm
LEDs/each optic 1
Light colour White
Required components:



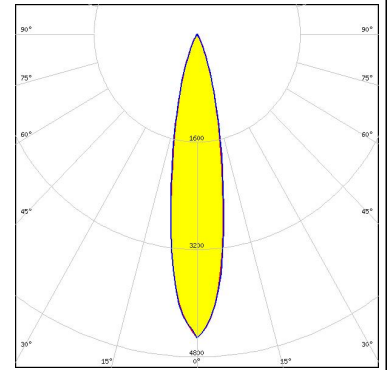
OPTICAL RESULTS (SIMULATED):



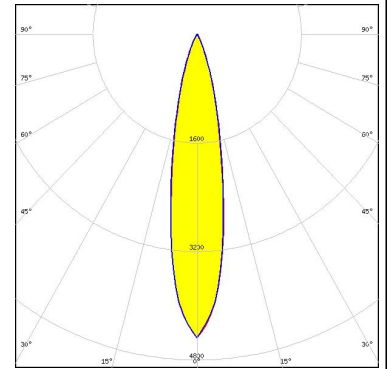
LED XP-L2
FWHM / FWTM 18.0° / 34.0°
Efficiency 81 %
Peak intensity 6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



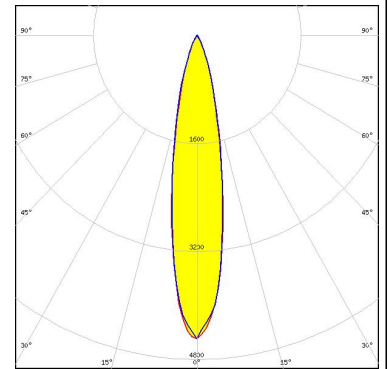
LED LUXEON 5050 Round LES
FWHM / FWTM 20.0° / 43.0°
Efficiency 82 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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 White
Required components:



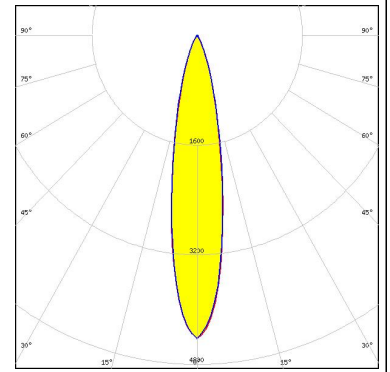
LED LUXEON 5050 Square LES
FWHM / FWTM 20.0° / 43.0°
Efficiency 81 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

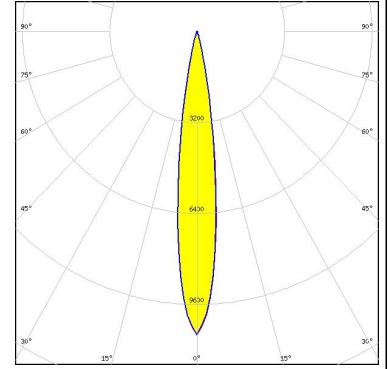
LUMILEDS

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 White
 Required components:



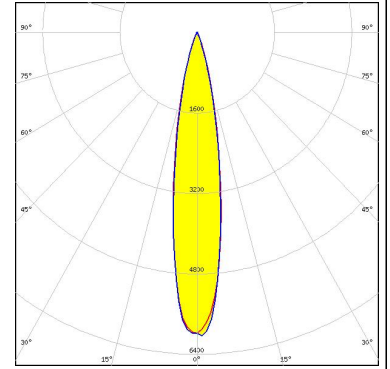
LUMILEDS

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



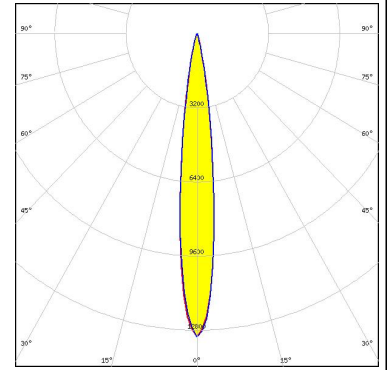
LUMILEDS

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



LUMILEDS

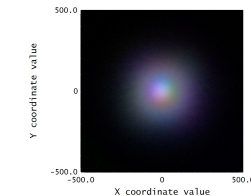
LED LUXEON TX
 FWHM / FWTM 13.0° / 25.0°
 Efficiency 88 %
 Peak intensity 13 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



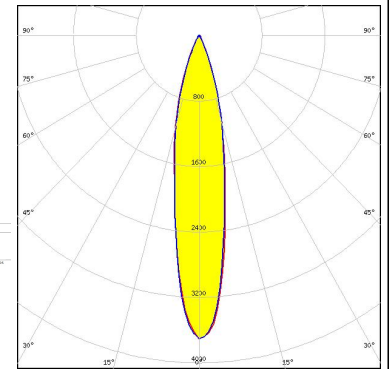
OPTICAL RESULTS (SIMULATED):



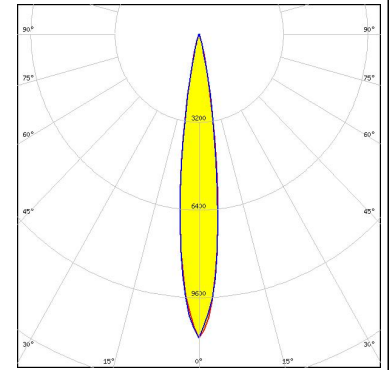
LED NCSxE17A
FWHM / FWTM 20.0° / 46.0°
Efficiency 75 %
Peak intensity 3.7 cd/lm
LEDs/each optic 4
Light colour RGBW
Required components:



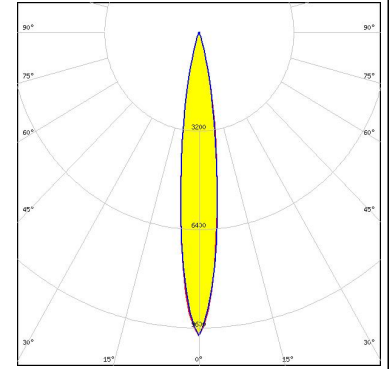
Detector Image: 11 Illuminance
Zemax OpticStudio 21.3
Zemax OpticStudio 21.3
Zemax OpticStudio 21.3



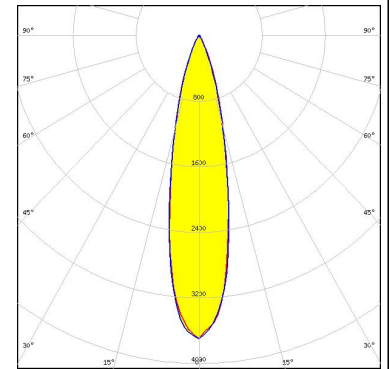
LED NVSW219F
FWHM / FWTM 14.0° / 27.0°
Efficiency 88 %
Peak intensity 11 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



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

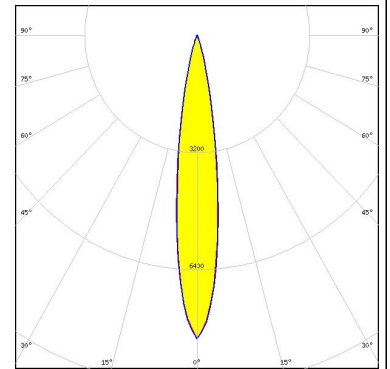


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

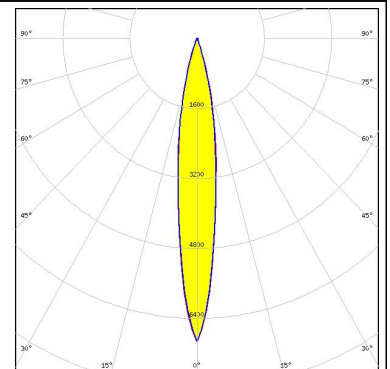
LED OSCONIQ P 3737 (3W version)
FWHM / FWTM 16.0° / 32.0°
Efficiency 86 %
Peak intensity 8.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

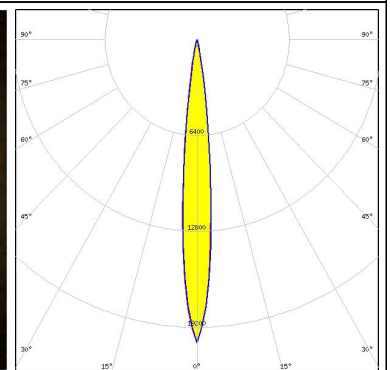
LED OSLO PURE 1010
FWHM / FWTM 15.0° / 34.0°
Efficiency 79 %
Peak intensity 6.9 cd/lm
LEDs/each optic 4
Light colour White
Required components:



OSRAM

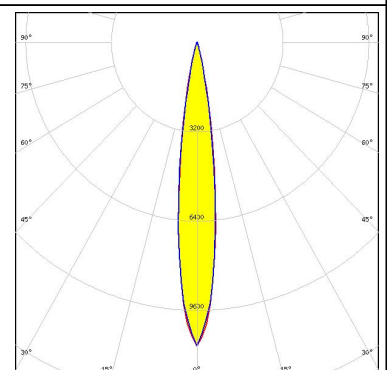
Opto Semiconductors

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



SAMSUNG

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



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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