

LEILA-Y-M

~25° medium 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 ⓘ

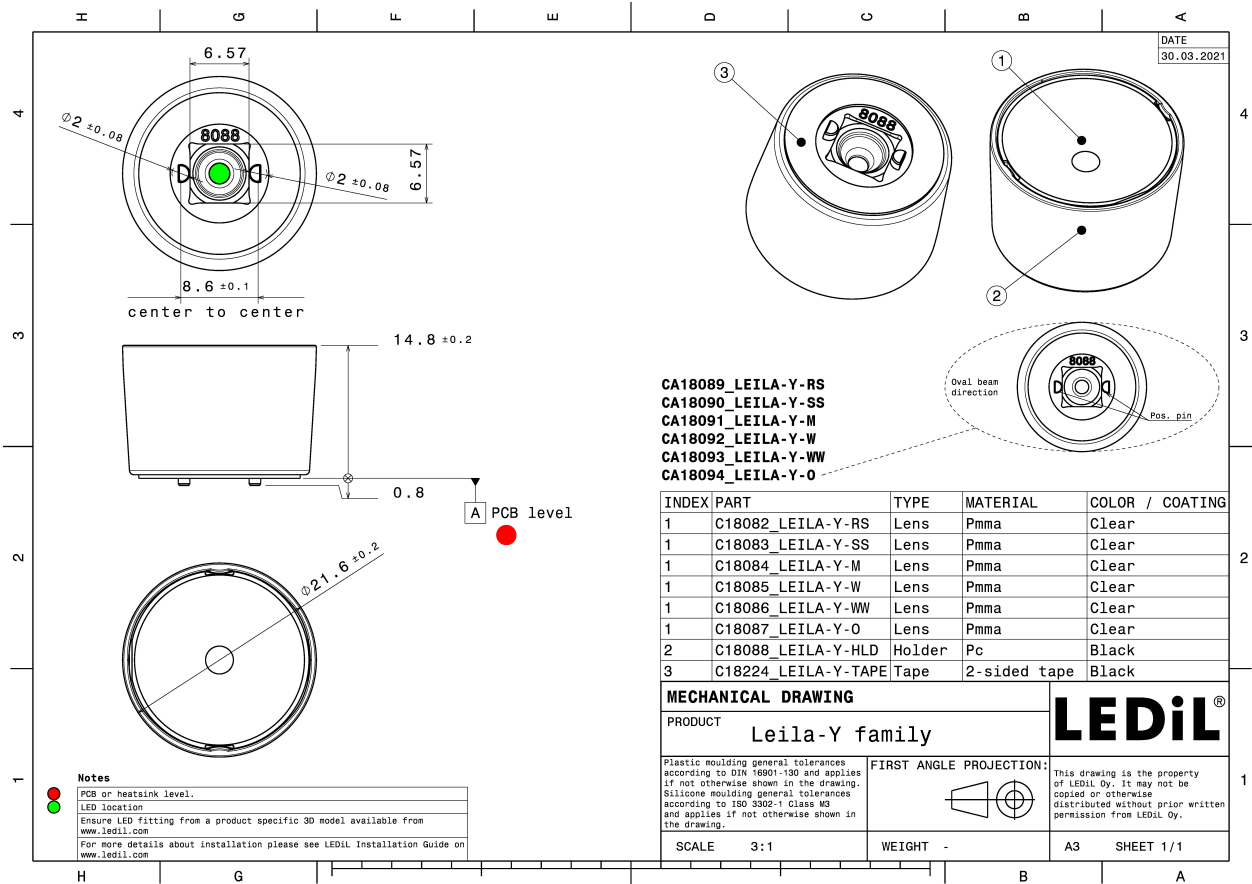
MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18091_LEILA-Y-M » Box size: 476 x 273 x 197 mm	1800	180	180	6.7



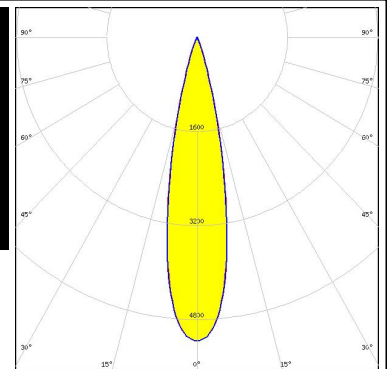


See also our general installation guide: www.ledil.com/installation_guide

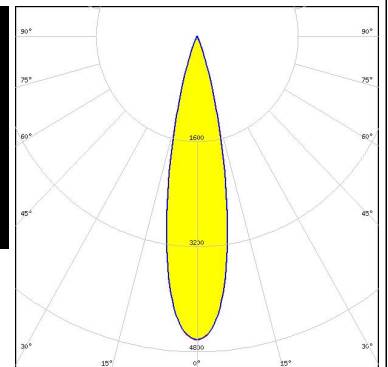
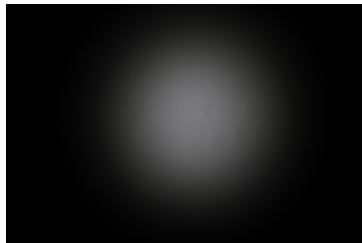
OPTICAL RESULTS (MEASURED):



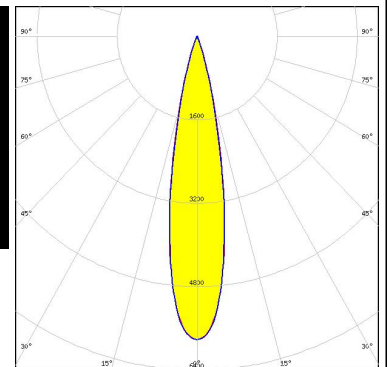
LED XHP35 HI
FWHM / FWTM 22.0° / 37.0°
Efficiency 83 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



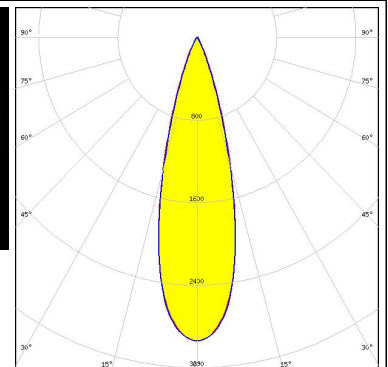
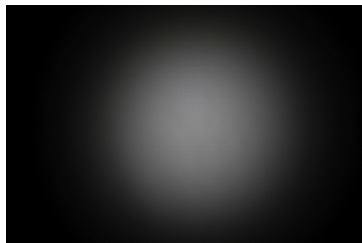
LED XP-G3
FWHM / FWTM 23.0° / 39.0°
Efficiency 78 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G4
FWHM / FWTM 21.0° / 36.0°
Efficiency 85 %
Peak intensity 5.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



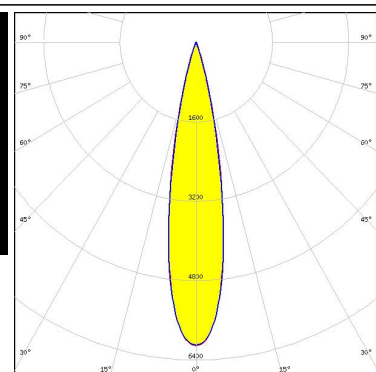
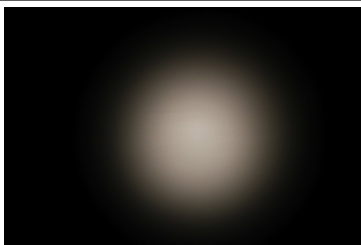
LED LUXEON 5050 Round LES
FWHM / FWTM 28.0° / 48.0°
Efficiency 77 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):



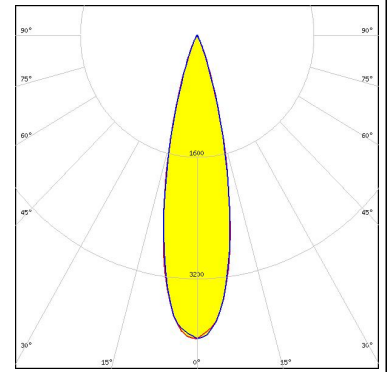
LED NVSW719AC
FWHM / FWTM 21.0° / 35.0°
Efficiency 85 %
Peak intensity 6.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



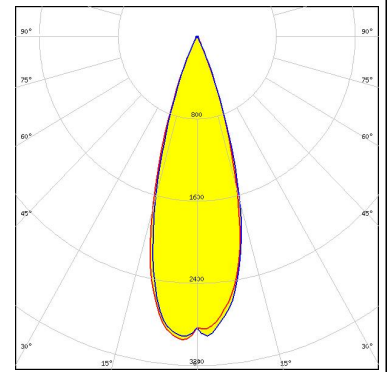
OPTICAL RESULTS (SIMULATED):



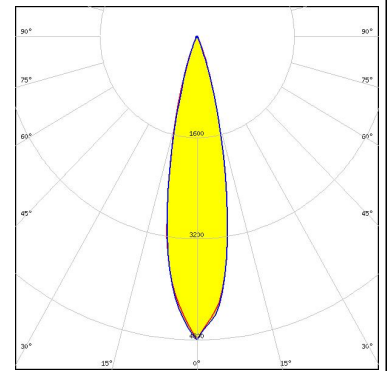
LED XHP35.2 HI
FWHM / FWTM 25.0° / 42.0°
Efficiency 83 %
Peak intensity 4 cd/Im
LEDs/each optic 1
Light colour White
Required components:



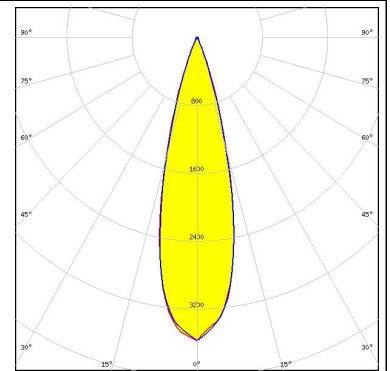
LED XM-L RGBW (XMLDCL HD)
FWHM / FWTM 32.0° / 48.0°
Efficiency 89 %
Peak intensity 3 cd/Im
LEDs/each optic 1
Light colour RGBW
Required components:



LED XM-L RGBW (XMLDCL HI)
FWHM / FWTM 23.0° / 40.0°
Efficiency 87 %
Peak intensity 4.8 cd/Im
LEDs/each optic 1
Light colour RGBW
Required components:



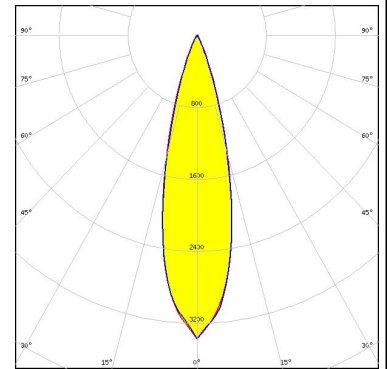
LED XM-L3
FWHM / FWTM 28.0° / 44.0°
Efficiency 83 %
Peak intensity 3.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:



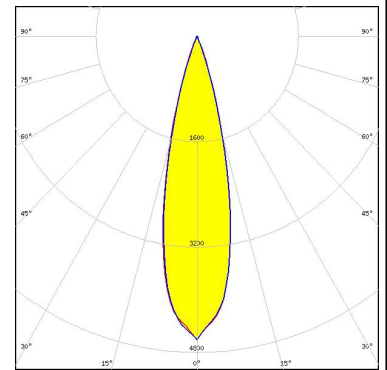
OPTICAL RESULTS (SIMULATED):



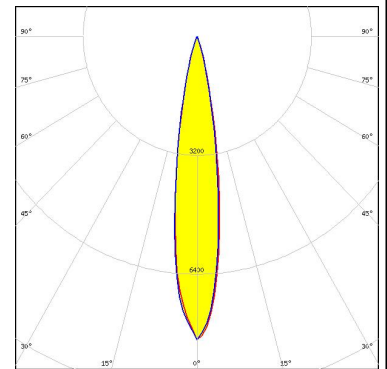
LED LUXEON 5050 Square LES
FWHM / FWTM 26.0° / 46.0°
Efficiency 80 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



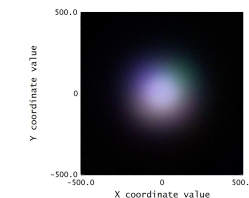
LED LUXEON HL2X
FWHM / FWTM 25.0° / 40.0°
Efficiency 88 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



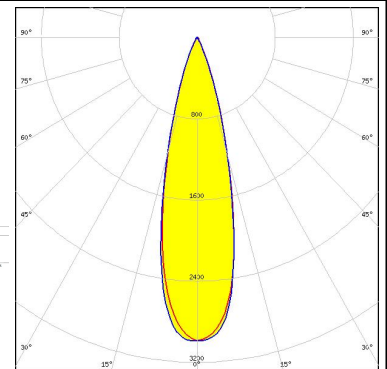
LED LUXEON Z ES
FWHM / FWTM 17.0° / 32.0°
Efficiency 87 %
Peak intensity 8.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NCSxE17A
FWHM / FWTM 27.0° / 46.0°
Efficiency 73 %
Peak intensity 3 cd/lm
LEDs/each optic 4
Light colour RGB
Required components:



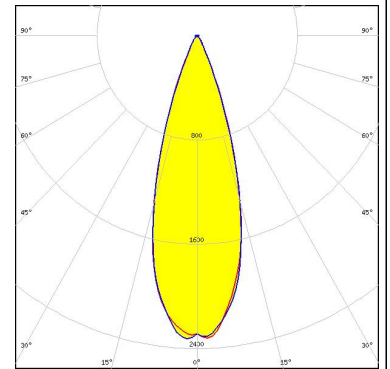
Detector Image: Illuminance
Zemax
Zemax OpticStudio 21.3
File: CA18091_LEILA-Y-M.dwg
Date: 08/11/2023
Author: LEDiL Oy
Total Power: 0.000000 W
Total Flux: 0.000000 W



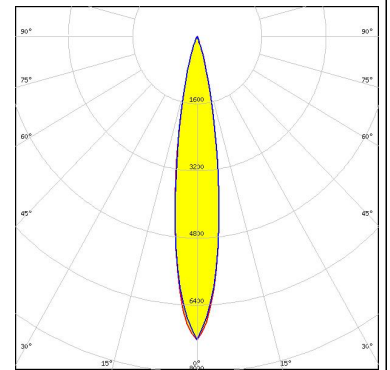
OPTICAL RESULTS (SIMULATED):



LED NV4x144A
FWHM / FWTM 32.0° / 52.0°
Efficiency 78 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

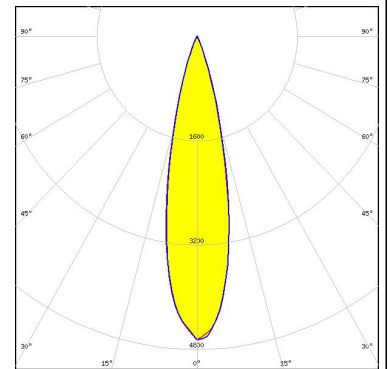


LED NVSxE21A
FWHM / FWTM 17.0° / 34.0°
Efficiency 82 %
Peak intensity 7.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



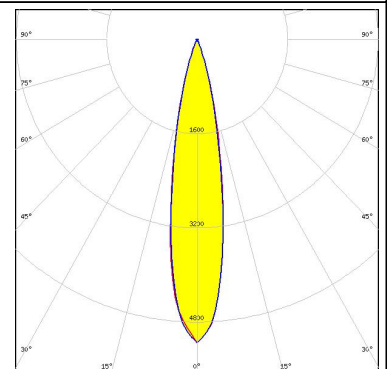
Opto Semiconductors

LED OSCONIQ P 3737 (3W version)
FWHM / FWTM 24.0° / 41.0°
Efficiency 85 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



Opto Semiconductors

LED OSLON PURE 1010
FWHM / FWTM 20.0° / 38.0°
Efficiency 79 %
Peak intensity 5.2 cd/lm
LEDs/each optic 4
Light colour White
Required components:

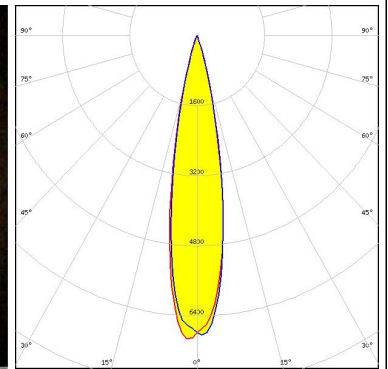


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

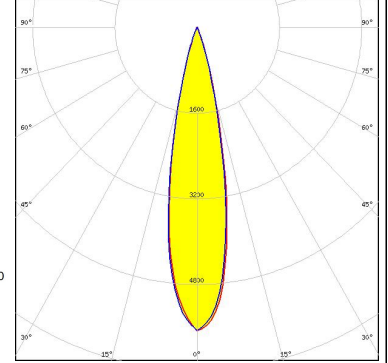
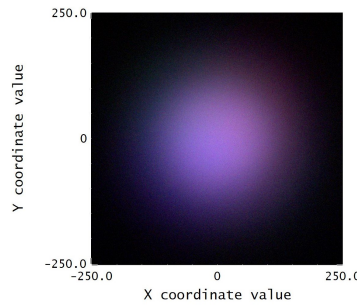
LED OSLOM SSL 150
FWHM / FWTM 20.0° / 34.0°
Efficiency 88 %
LEDs/each optic 1
Light colour White
Required components:



OSRAM

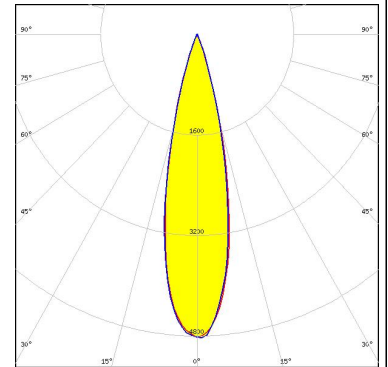
Opto Semiconductors

LED OSTAR Stage (S2WM)
FWHM / FWTM 22.0° / 37.0°
Efficiency 86 %
Peak intensity 5.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

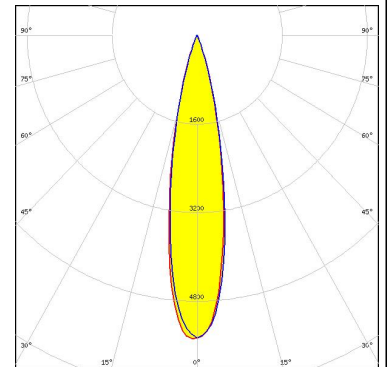
LED LH351B
FWHM / FWTM 24.0° / 40.0°
Efficiency 87 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOL

SEOUL SEMICONDUCTOR

LED Z5M4
FWHM / FWTM 21.0° / 38.0°
Efficiency 85 %
Peak intensity 5.5 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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