

TINA3-WW

~55° wide beam. Assembly with holder, installation tape and location pins.

SPECIFICATION:

Dimensions	Ø 16.1 mm
Height	6.9 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

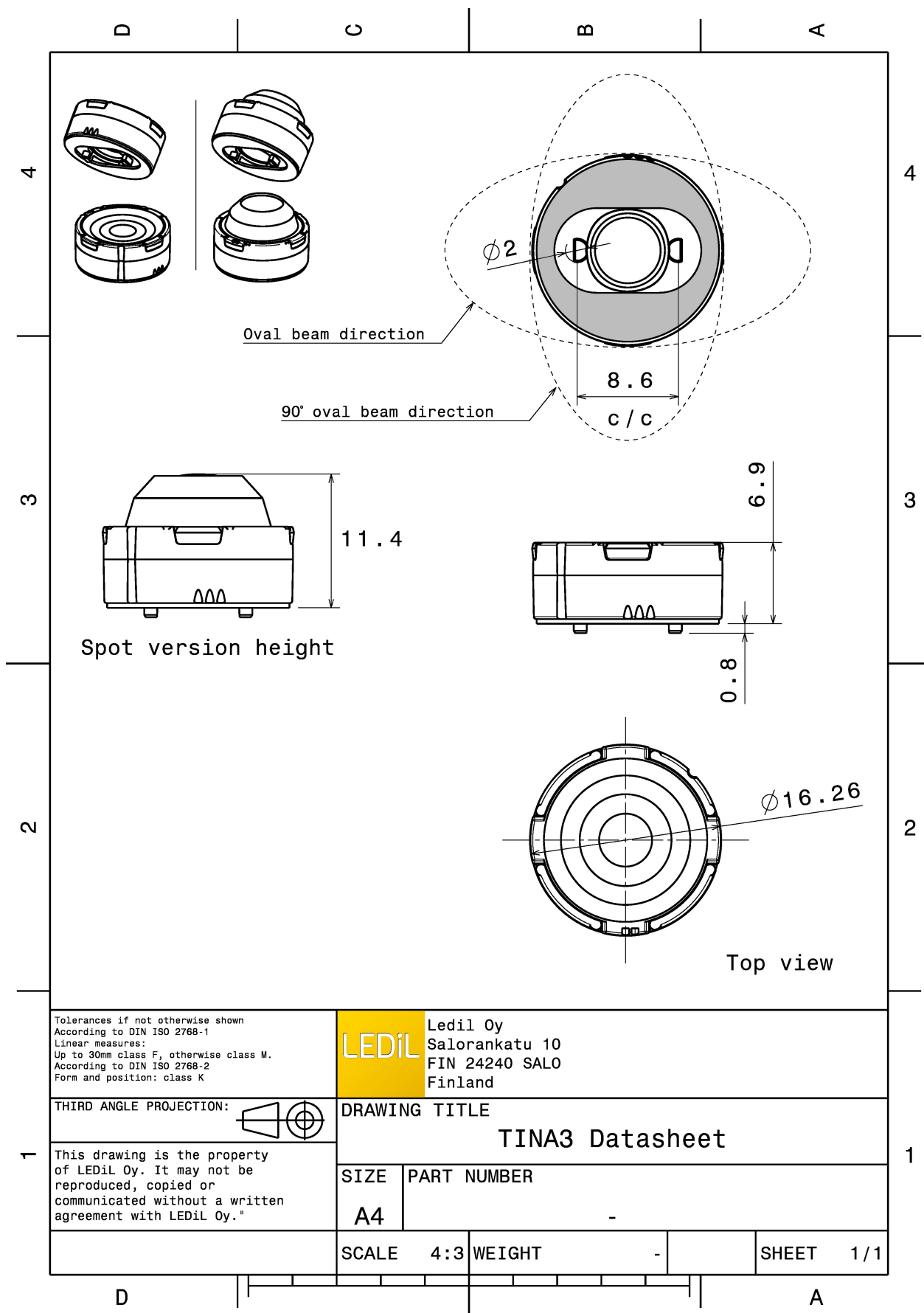


MATERIALS:

Component	Type	Material	Colour	Finish
TINA3-WW	Single lens	PMMA	clear	
TINA3-HLD-PIN-TAPE	Holder	PC	white	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12427_TINA3-WW	Single lens	5750	230	230	8.4
» Box size: 451 x 241 x 298 mm					

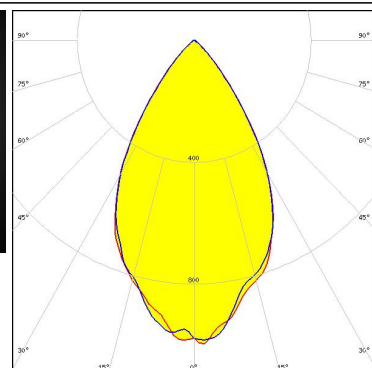
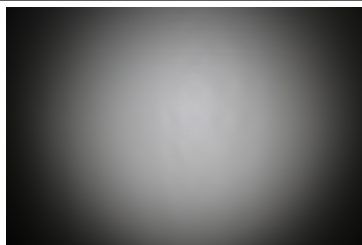


See also our general installation guide: www.ledil.com/installation_guide

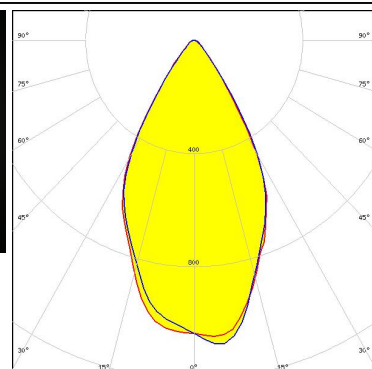
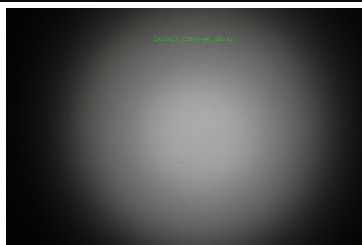
OPTICAL RESULTS (MEASURED):



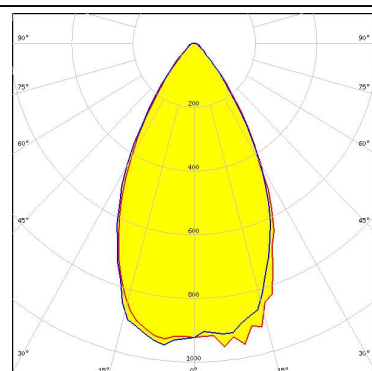
LED XHP35 HI
FWHM / FWTM 60.0° / 94.0°
Efficiency 92 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



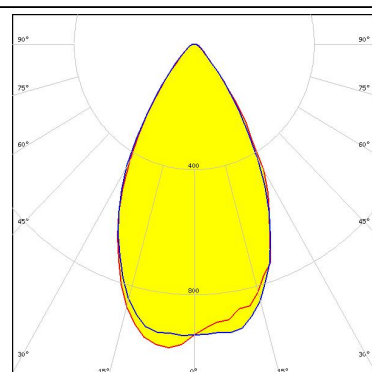
LED XP-E2
FWHM / FWTM 58.0° / 84.0°
Efficiency 89 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G
FWHM / FWTM 58.0° / 88.0°
Efficiency 89 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



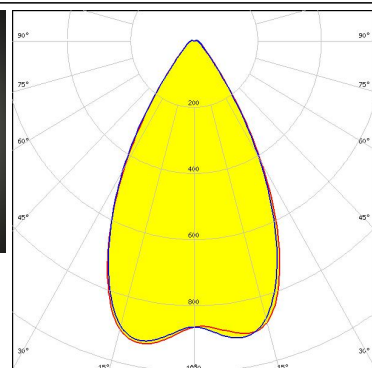
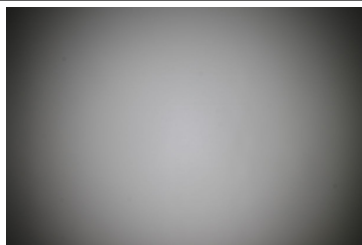
LED XP-G2
FWHM / FWTM 59.0° / 89.0°
Efficiency 90 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



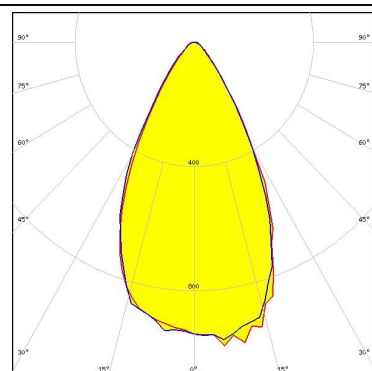
OPTICAL RESULTS (MEASURED):



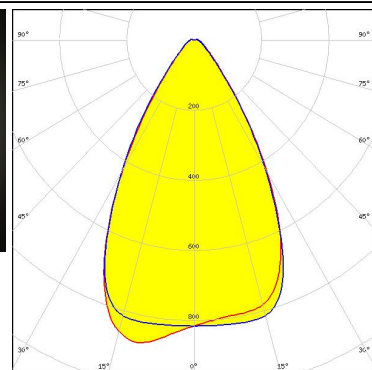
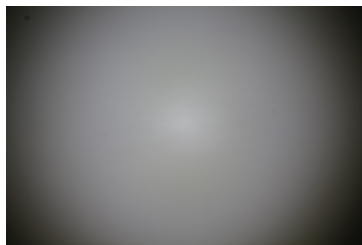
LED XP-L HI
FWHM / FWTM 58.0° / 87.0°
Efficiency 92 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



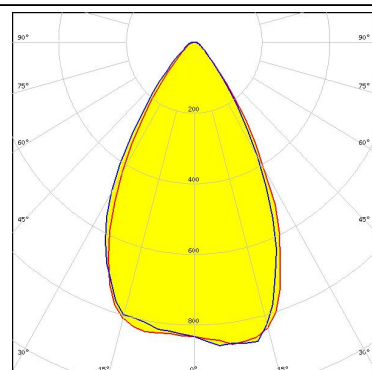
LED XT-E
FWHM / FWTM 56.0° / 86.0°
Efficiency 87 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON 2835 Line
FWHM / FWTM 60.0° / 92.0°
Efficiency 92 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



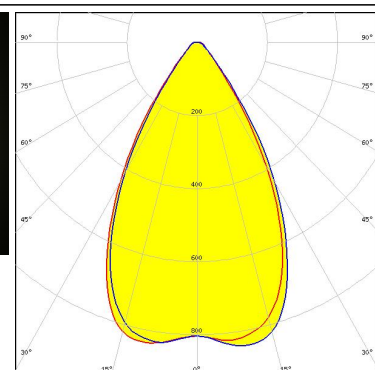
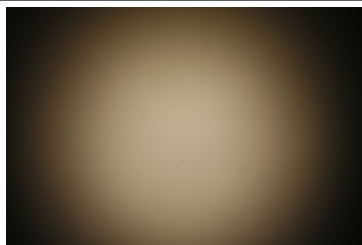
LED LUXEON A
FWHM / FWTM 58.0° / 88.0°
Efficiency 89 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):

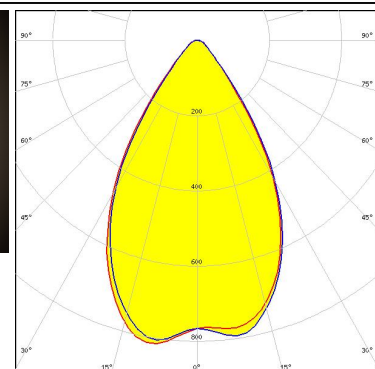
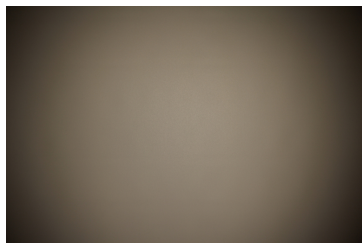
LUMILEDS

LED LUXEON T
FWHM / FWTM 61.0° / 90.0°
Efficiency 87 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



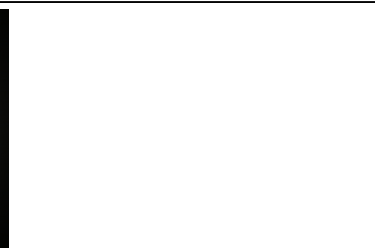
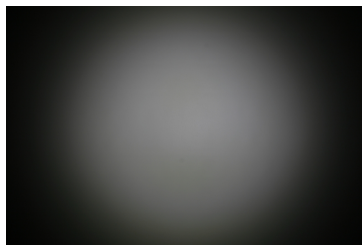
LUMILEDS

LED LUXEON TX
FWHM / FWTM 63.0° / 93.0°
Efficiency 87 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



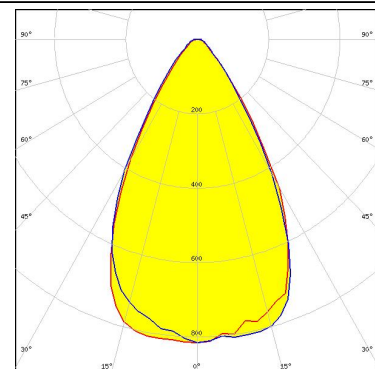
NICHIA

LED NF2x757A
FWHM / FWTM 60.0° / 92.0°
Efficiency 85 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

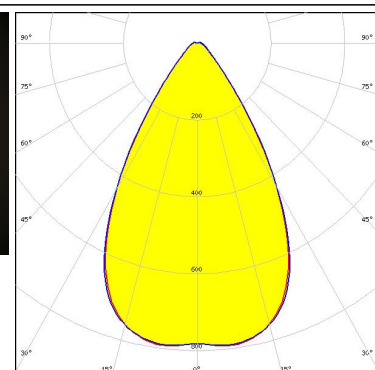
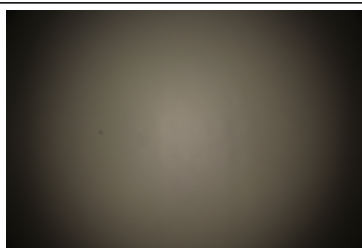
LED NVSxx19A
FWHM / FWTM 62.0° / 94.0°
Efficiency 86 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



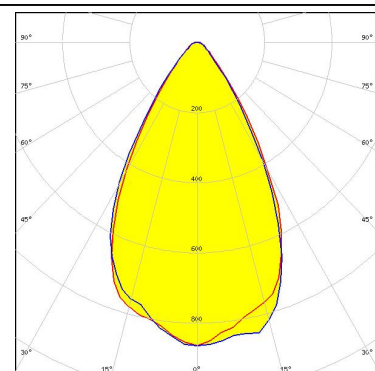
OPTICAL RESULTS (MEASURED):



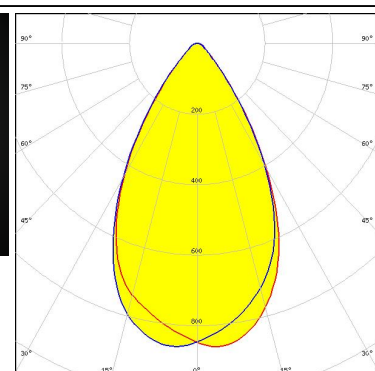
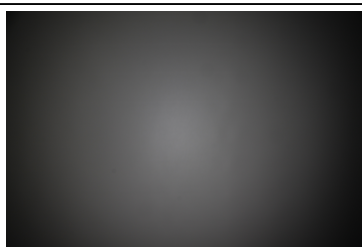
LED NVSxx19B/NVSxx19C
FWHM / FWTM 62.0° / 93.0°
Efficiency 91 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



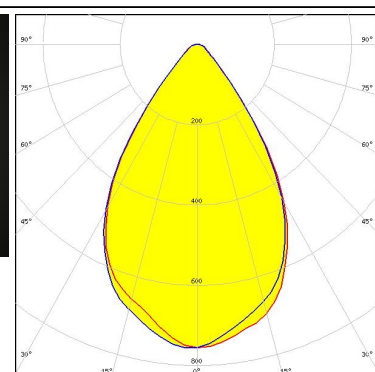
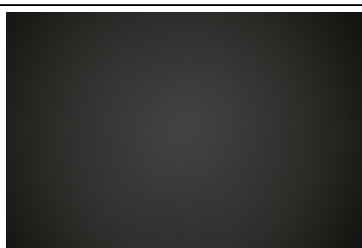
LED OSLOM Square EC
FWHM / FWTM 58.0° / 91.0°
Efficiency 87 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LH351B
FWHM / FWTM 59.0° / 91.0°
Efficiency 87 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



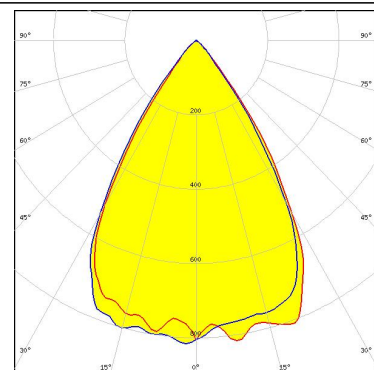
LED LH351Z
FWHM / FWTM 68.0° / 96.0°
Efficiency 88 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

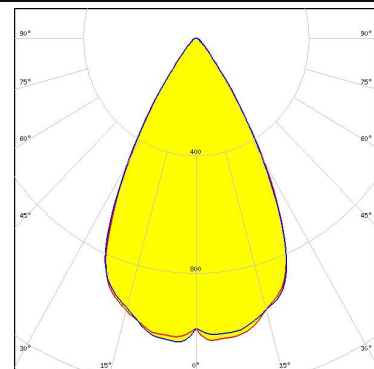
LUMILEDS

LED LUXEON H50-2
FWHM / FWTM 64.0° / 82.0°
Efficiency 87 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



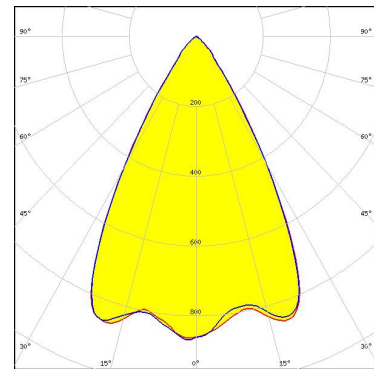
LUMILEDS

LED LUXEON Z ES
FWHM / FWTM 58.0° / 80.0°
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



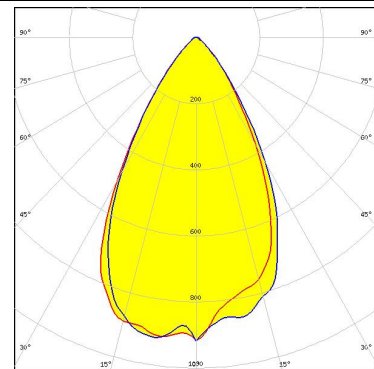
NICHIA

LED NCSxE17A
FWHM / FWTM 60.0° / 81.0°
Efficiency 80 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

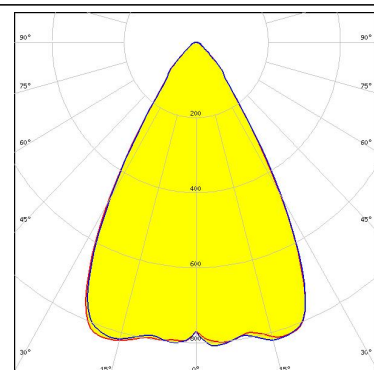
LED NF2x757G
FWHM / FWTM 57.0° / 89.0°
Efficiency 88 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



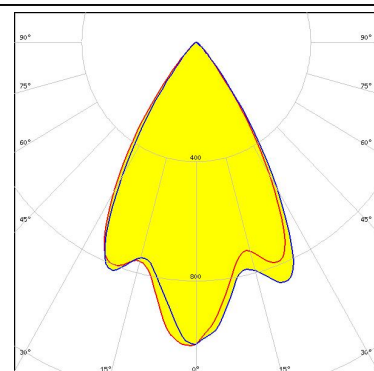
OPTICAL RESULTS (SIMULATED):



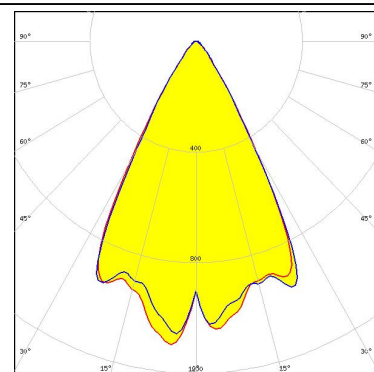
LED NVSxE21A
FWHM / FWTM 62.0° / 92.0°
Efficiency 90 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



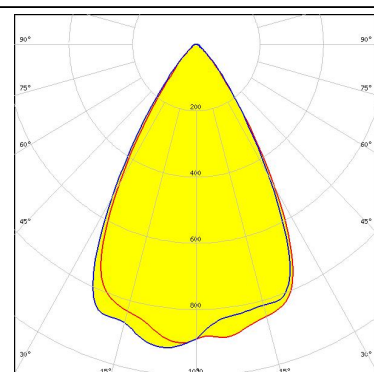
LED OSLOM SSL 120
FWHM / FWTM 61.0° / 83.0°
Efficiency 87 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour Amber
Required components:



LED SYNIOS S2222
FWHM / FWTM 58.0° / 78.0°
Efficiency 95 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



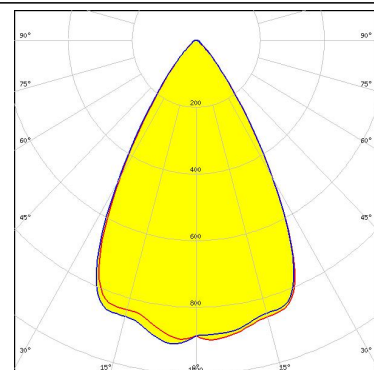
LED LM28xB Series
FWHM / FWTM 62.0° / 88.0°
Efficiency 92 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

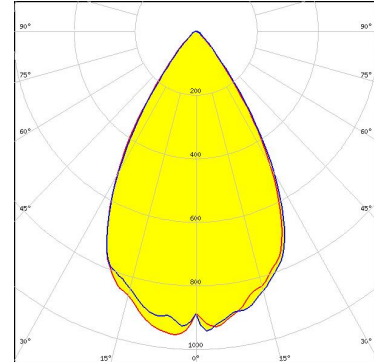
SAMSUNG

LED LM301B
FWHM / FWTM 62.0° / 87.0°
Efficiency 92 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



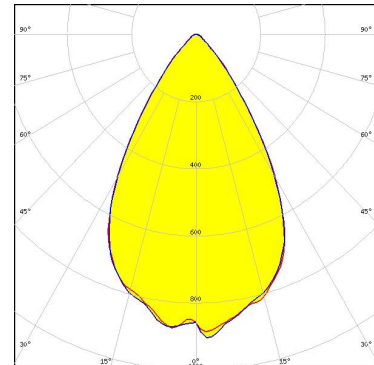
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
FWHM / FWTM 61.0° / 86.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM / FWTM 62.0° / 92.0°
Efficiency 92 %
Peak intensity 0.9 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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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