

HEIDI-O

~50° x 11° oval beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	11.9 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

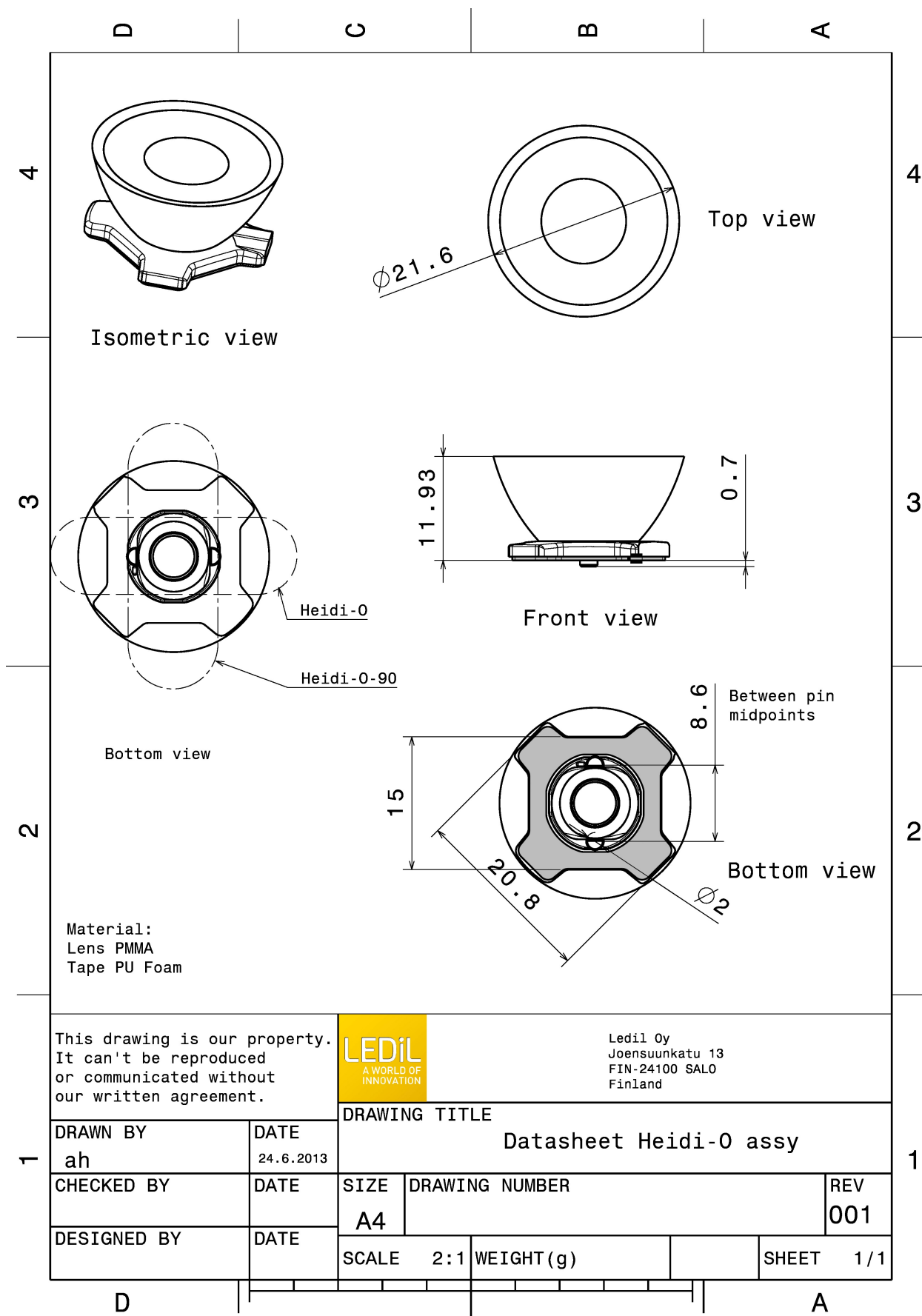
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
HEIDI-O	Single lens	PMMA	clear	
HEIDI-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11266_HEIDI-O	Single lens	3264	204	204	9.7
» Box size: 480 x 280 x 300 mm					



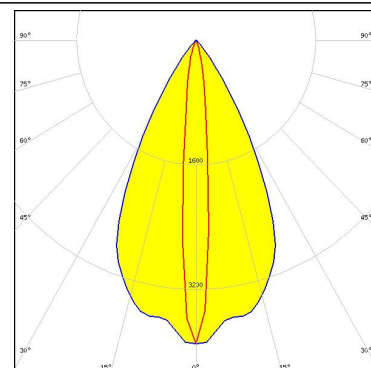


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

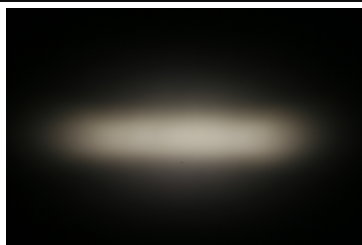
CREE LED

LED XB-D
FWHM / FWTM 54.0 + 10.0° / 77.0 + 27.0°
Efficiency 87 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



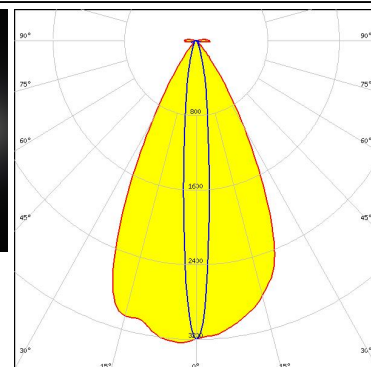
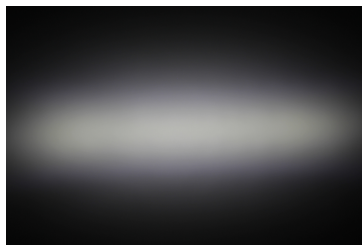
CREE LED

LED XB-H
FWHM / FWTM 53.0 + 11.0° / 78.0 + 34.0°
Efficiency 83 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



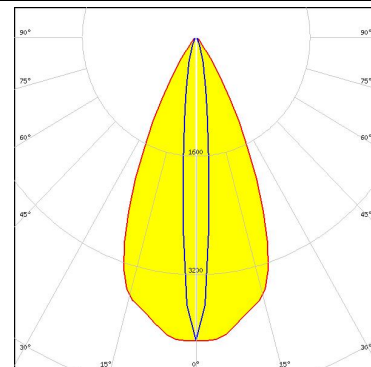
CREE LED

LED XD16
FWHM / FWTM 52.0 + 10.0° / 75.0 + 30.0°
Efficiency 89 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE LED

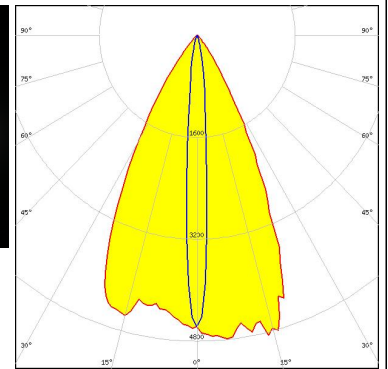
LED XP-E
FWHM / FWTM 48.0 + 10.0° / 70.0 + 30.0°
Efficiency 87 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

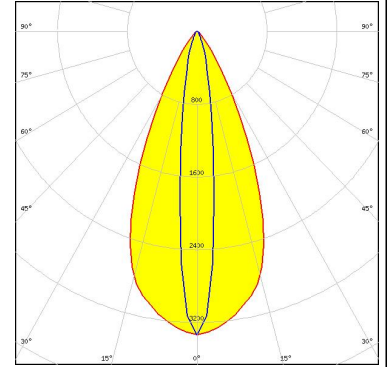
CREE LED

LED XP-E2
FWHM / FWTM 54.0 + 9.0° / 75.0 + 23.0°
Efficiency 85 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



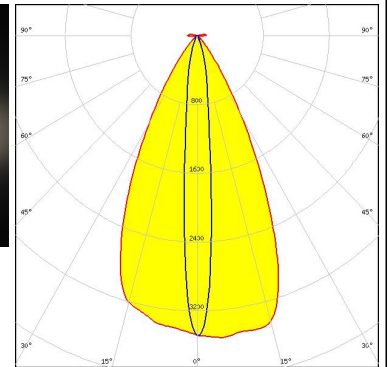
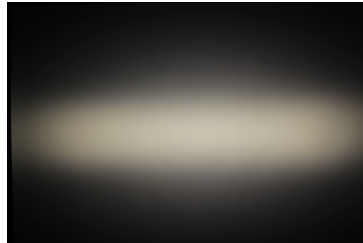
CREE LED

LED XP-G
FWHM / FWTM 47.0 + 14.0° / 72.0 + 36.0°
Efficiency 87 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



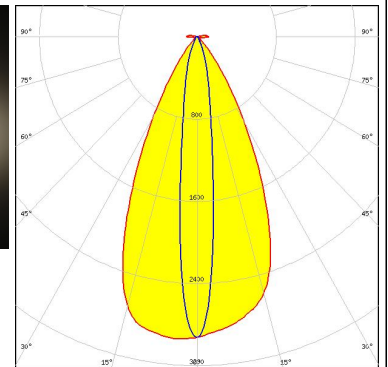
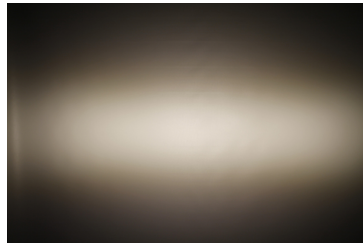
CREE LED

LED XP-G2
FWHM / FWTM 52.0 + 11.0° / 76.0 + 32.0°
Efficiency 91 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE LED

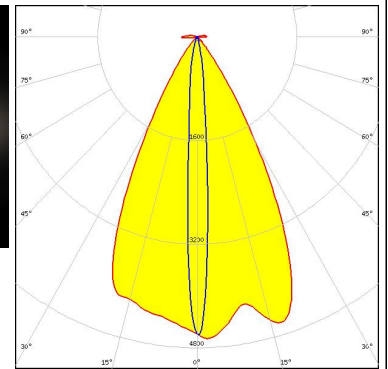
LED XP-G3
FWHM / FWTM 51.0 + 13.0° / 77.0 + 37.0°
Efficiency 91 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

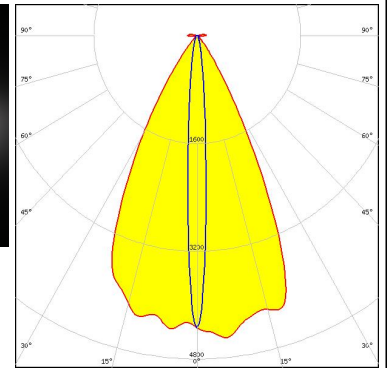
CREE LED

LED XQ-E HD
FWHM / FWTM 55.0 + 8.0° / 75.0 + 22.0°
Efficiency 93 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



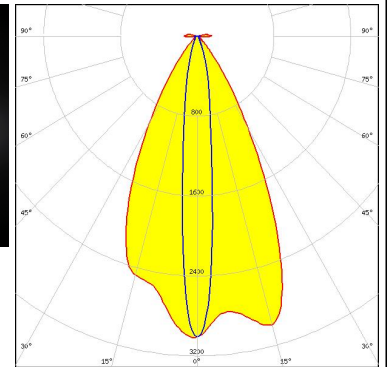
CREE LED

LED XQ-E HI
FWHM / FWTM 53.0 + 7.0° / 73.0 + 21.0°
Efficiency 90 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



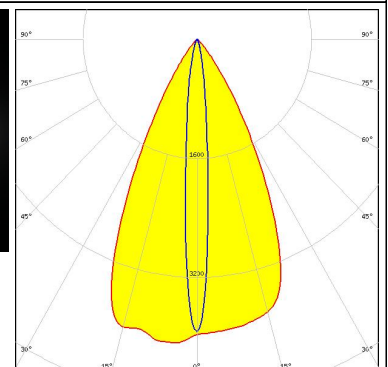
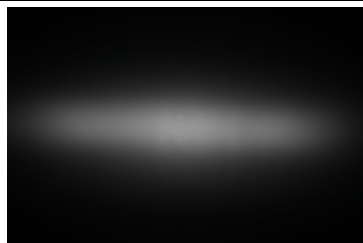
CREE LED

LED XT-E
FWHM / FWTM 52.0 + 12.0° / 78.0 + 35.0°
Efficiency 91 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

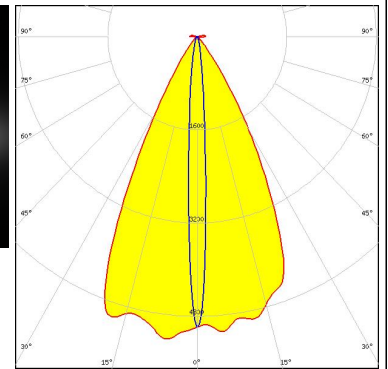
LED LUXEON C
FWHM / FWTM 53.0 + 9.0° / 75.0 + 25.0°
Efficiency 81 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

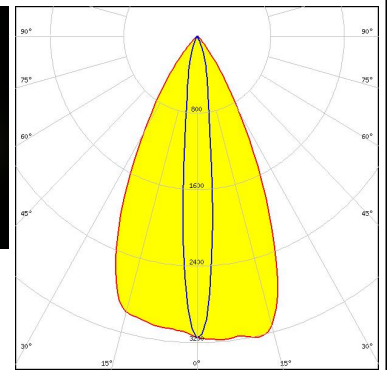
LUMILEDS

LED LUXEON CZ
FWHM / FWTM 53.0 + 7.0° / 72.0 + 20.0°
Efficiency 92 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



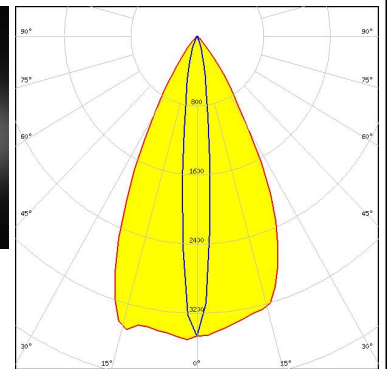
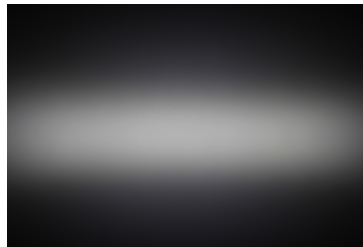
LUMILEDS

LED LUXEON T
FWHM / FWTM 52.0 + 12.0° / 76.0 + 33.0°
Efficiency 81 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



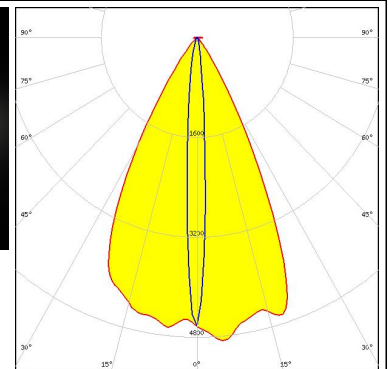
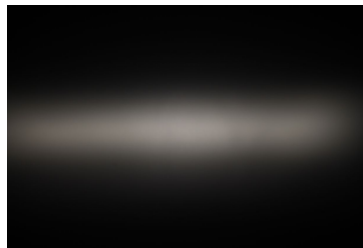
LUMILEDS

LED LUXEON TX
FWHM / FWTM 54.0 + 12.0° / 77.0 + 31.0°
Efficiency 82 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

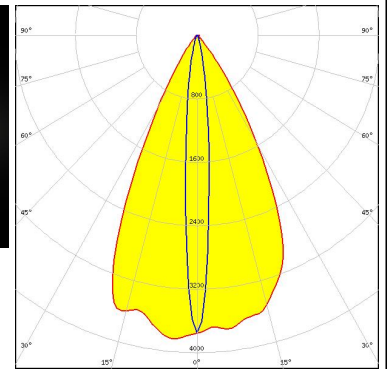
LED LUXEON Z
FWHM / FWTM 55.0 + 7.5° / 73.0 + 20.0°
Efficiency 87 %
Peak intensity 4.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



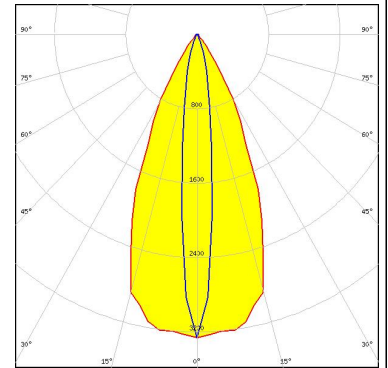
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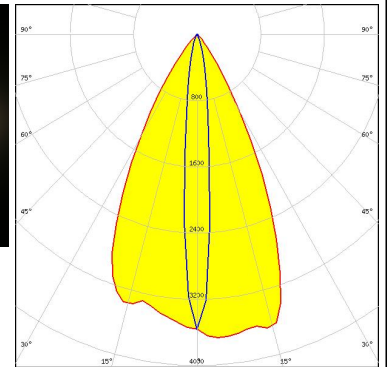
LED LUXEON Z ES
FWHM / FWTM 54.0 + 9.6° / 74.0 + 25.0°
Efficiency 85 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



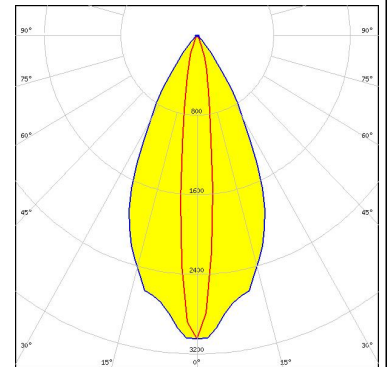
LED NCSxx19A
FWHM / FWTM 46.0 + 12.0° / 70.0 + 34.0°
Efficiency 82 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NCSxx19B
FWHM / FWTM 55.0 + 11.0° / 77.0 + 29.0°
Efficiency 83 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



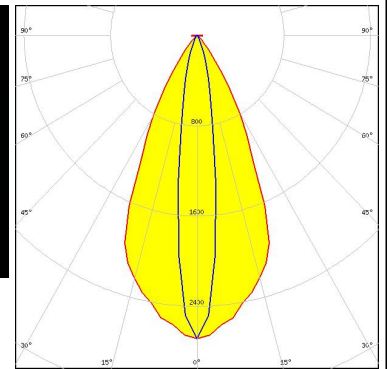
LED NVSxx19A
FWHM / FWTM 50.0 + 12.0° / 76.0 + 35.0°
Efficiency 82 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



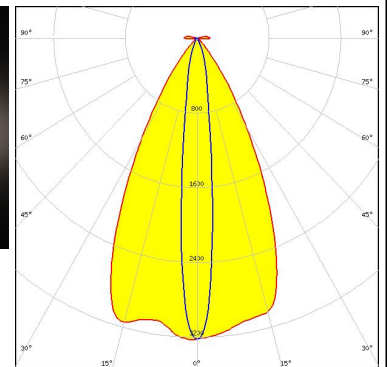
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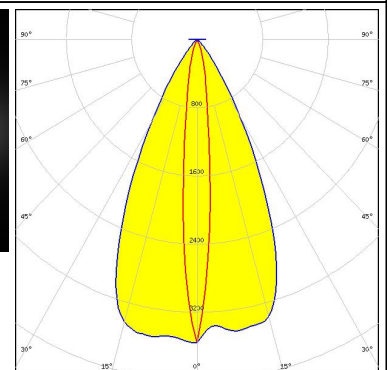
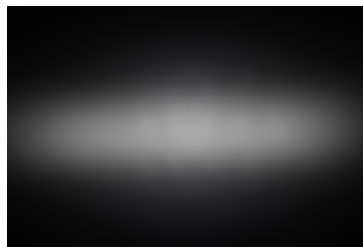
LED NVSxx19B/NVSxx19C
 FWHM / FWTM 48.0 + 15.0° / 74.0 + 36.0°
 Efficiency 82 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



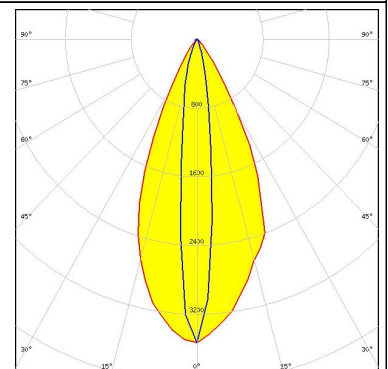
LED NVSxx19B/NVSxx19C
 FWHM / FWTM 54.0 + 12.0° / 78.0 + 33.0°
 Efficiency 92 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 52.0 + 13.0° / 80.0 + 32.0°
 Efficiency 80 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSLON Square EC
 FWHM / FWTM 48.0 + 12.0° / 74.0 + 30.0°
 Efficiency 86 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

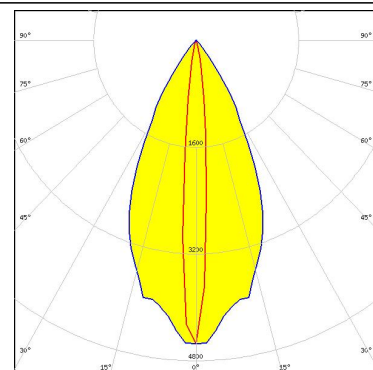


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

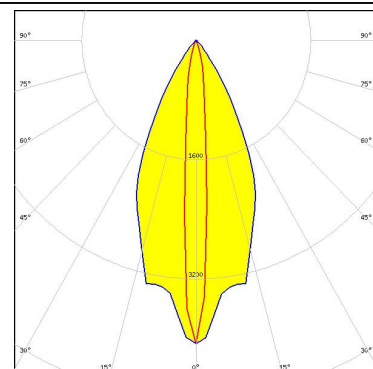
LED OSLON SSL 150
FWHM / FWTM 50.0 + 8.0° / 75.0 + 22.0°
Efficiency 85 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

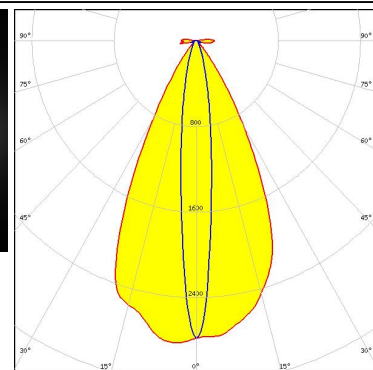
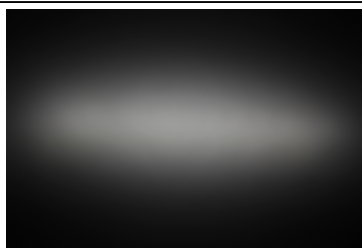
Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 47.0 + 8.0° / 73.0 + 27.0°
Efficiency 83 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



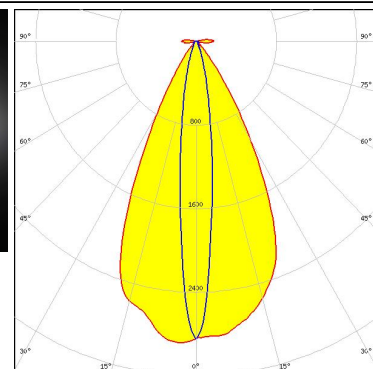
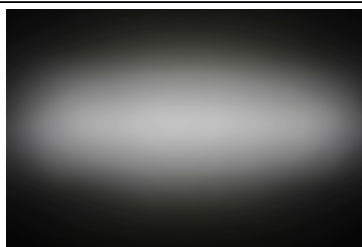
SAMSUNG

LED LH181A
FWHM / FWTM 52.0 + 12.0° / 76.0 + 36.0°
Efficiency 93 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

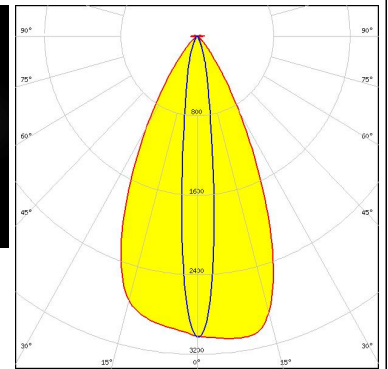
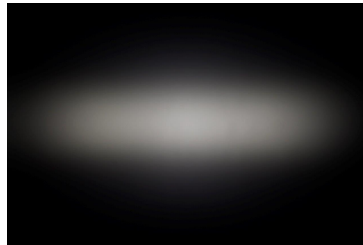
LED LH181B
FWHM / FWTM 53.0 + 13.0° / 75.0 + 35.0°
Efficiency 90 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

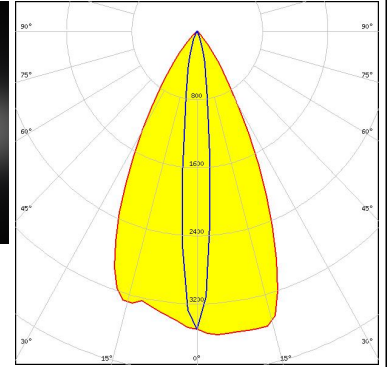
SAMSUNG

LED LH351B
FWHM / FWTM 51.0 + 13.0° / 77.0 + 34.0°
Efficiency 84 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



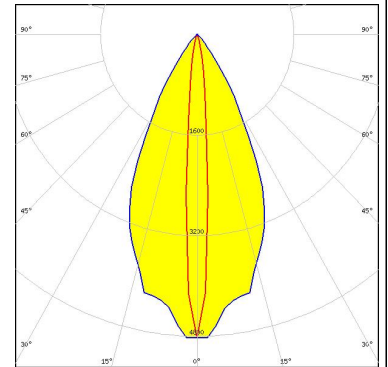
SAMSUNG

LED LH351Z
FWHM / FWTM 54.0 + 12.0° / 78.0 + 32.0°
Efficiency 83 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



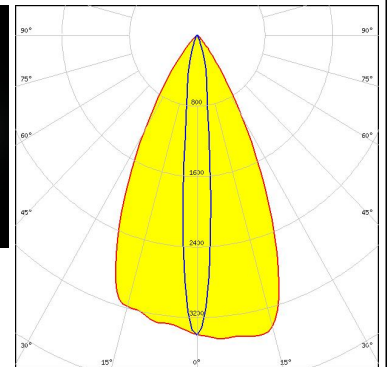
SEOUL SEMICONDUCTOR

LED Z5
FWHM / FWTM 50.0 + 9.0° / 74.0 + 23.0°
Efficiency 86 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

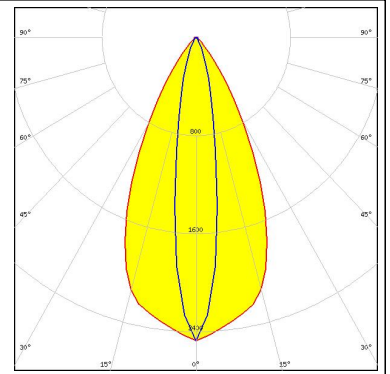
LED Z5M1/Z5M2
FWHM / FWTM 53.0 + 11.0° / 77.0 + 32.0°
Efficiency 85 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

SHARP

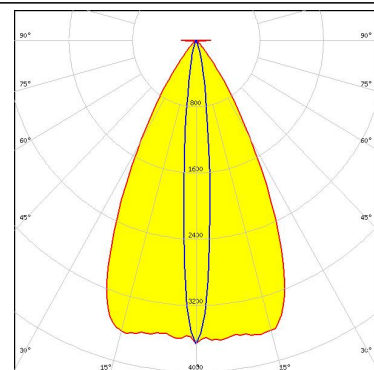
LED Double Dome (GM2BB)
 FWHM / FWTM 50.0 + 16.0° / 79.0 + 40.0°
 Efficiency 85 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

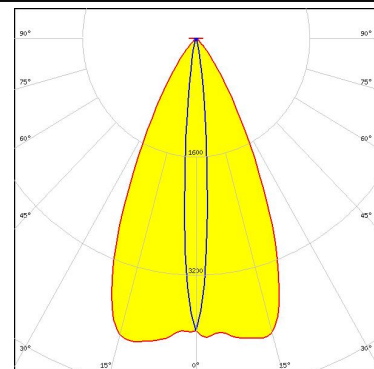
LUMILEDS

LED LUXEON 3030 HV
FWHM / FWTM 55.0 + 11.0° / 78.0 + 28.0°
Efficiency 90 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



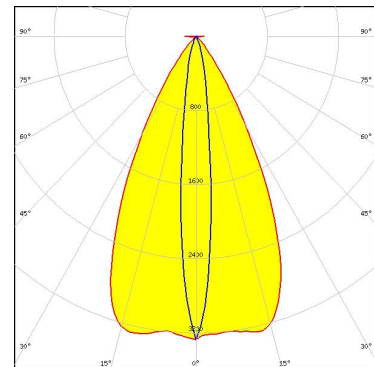
LUMILEDS

LED LUXEON SunPlus 20 Line (150 deg)
FWHM / FWTM 52.0 + 10.0° / 76.0 + 20.0°
Efficiency 87 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



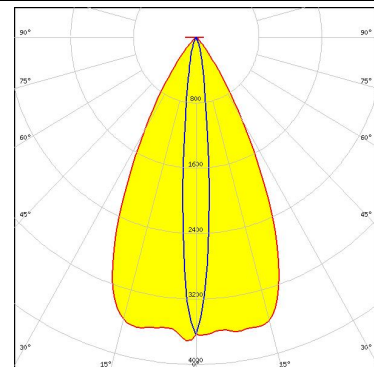
NICHIA

LED NF2x757G
FWHM / FWTM 54.0 + 12.0° / 78.0 + 29.0°
Efficiency 91 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

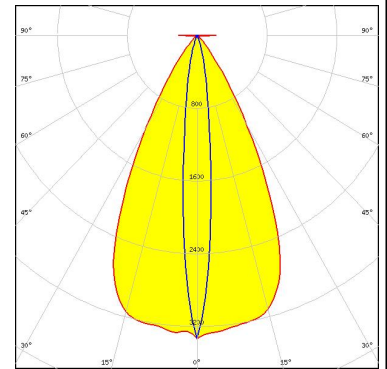
LED NFSx757G
FWHM / FWTM 54.0 + 10.0° / 78.0 + 28.0°
Efficiency 0 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



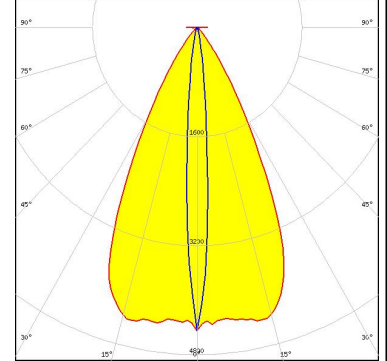
PHOTOMETRIC DATA (SIMULATED):



LED NVSxE21A
FWHM / FWTM 54.0 + 11.0° / 76.0 + 28.0°
Efficiency 88 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



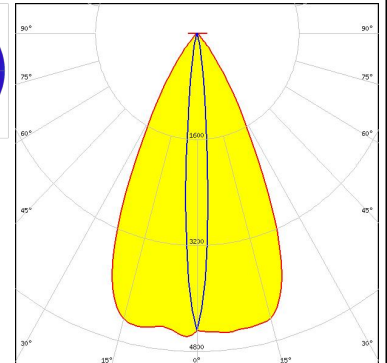
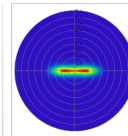
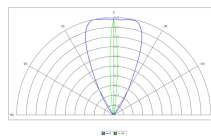
LED OSCONIQ P 3030
FWHM / FWTM 53.0 + 8.0° / 75.0 + 20.0°
Efficiency 89 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



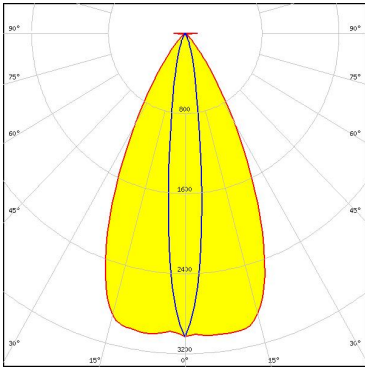
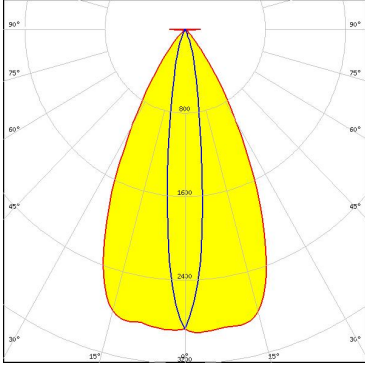
LED OSLON Black Flat
FWHM / FWTM 49.7 + 7.8° / 71.9 + 18.6°
Efficiency 93 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED SFH 4716S
FWHM / FWTM 52.0 + 9.0° / 74.0 + 19.0°
Efficiency 93 %
LEDs/each optic 1
Light colour IR
Required components:



PHOTOMETRIC DATA (SIMULATED):

 SEOUL SEMICONDUCTOR	LED Z5M3 FWHM / FWTM 52.0 + 13.0° / 78.0 + 34.0° Efficiency 90 % Peak intensity 3 cd/lm LEDs/each optic 1 Light colour White Required components:	
 SEOUL SEMICONDUCTOR	LED Z5M4 FWHM / FWTM 54.0 + 14.0° / 78.0 + 34.0° Efficiency 89 % Peak intensity 2.9 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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