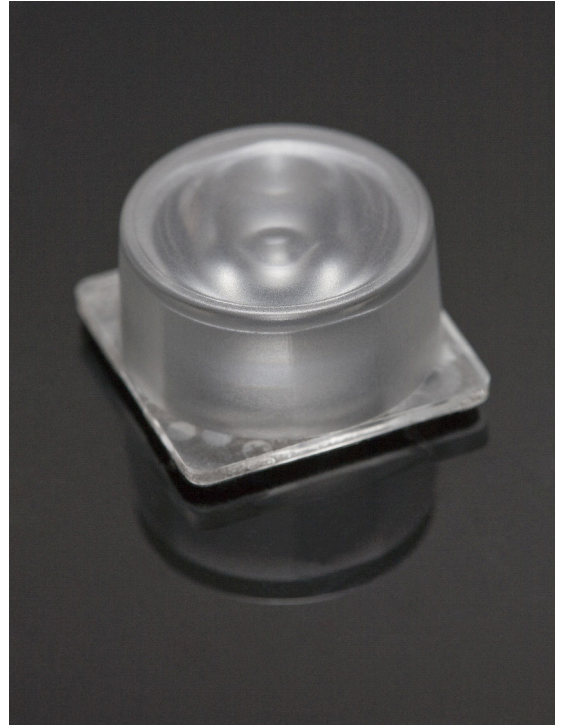


VERONICA-SQ-M

~30° medium beam

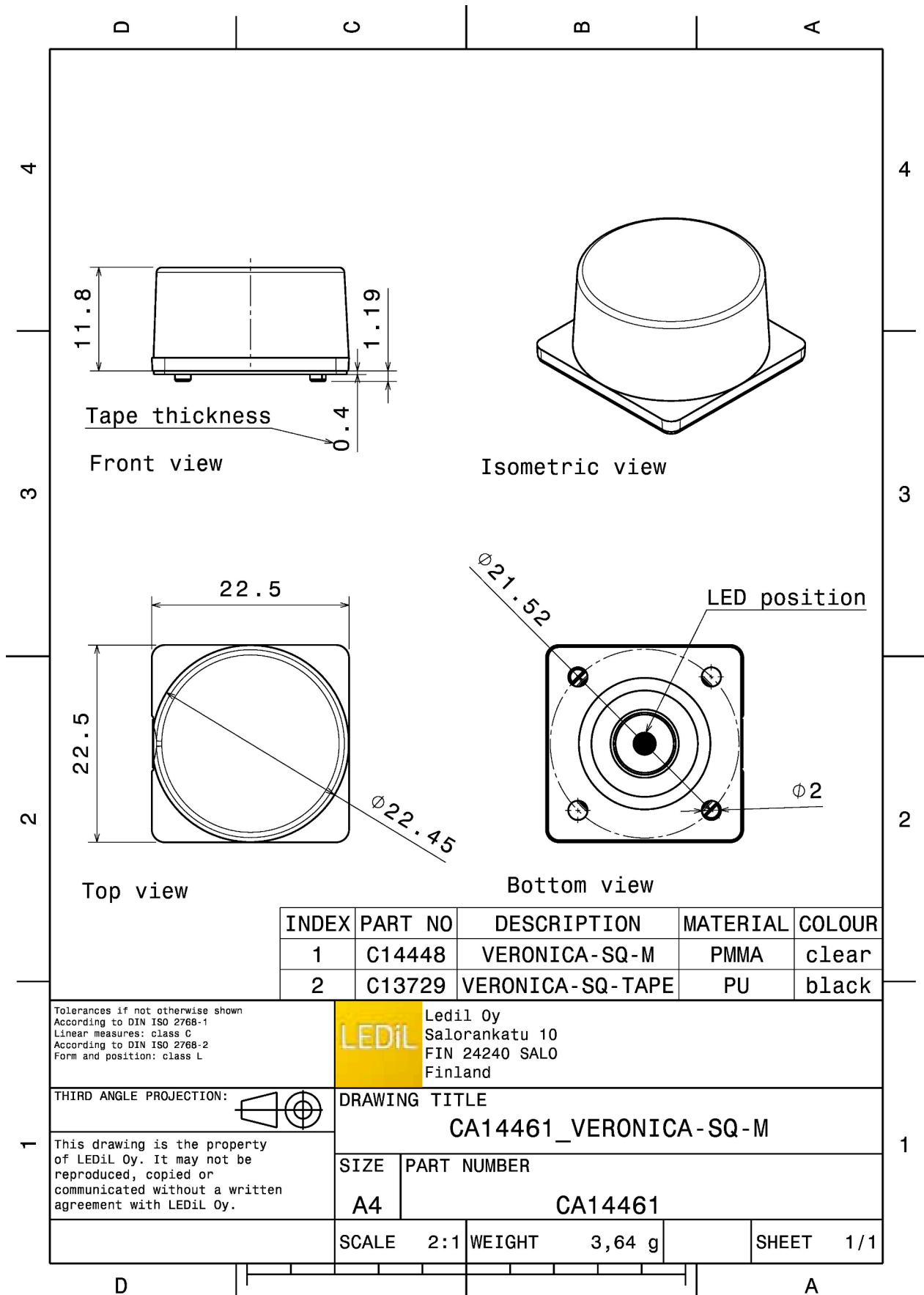
TECHNICAL SPECIFICATIONS:

Dimensions	22.5 mm
Height	11.8 mm
Fastening	tape, pin
Colour	clear
Box size	476 x 273 x 197 mm
Box weight	8.2 kg
Quantity in Box	1980 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

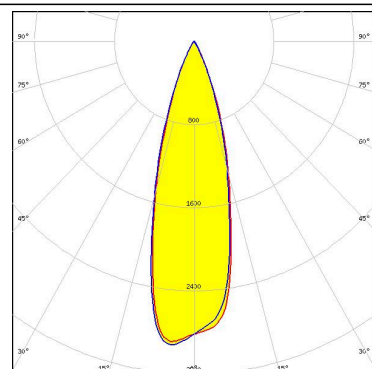
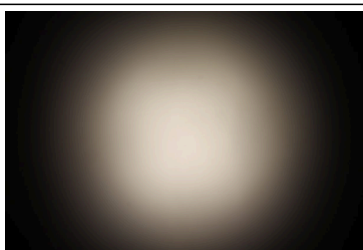
Component	Type	Material	Colour
VERONICA-SQ-M	Single lens	PMMA	clear
VERONICA-TAPE	Tape	PU tape	clear



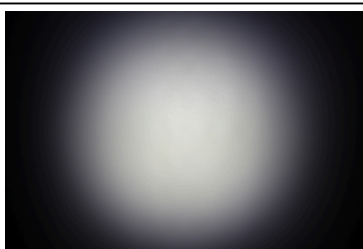
PHOTOMETRIC DATA (MEASURED):



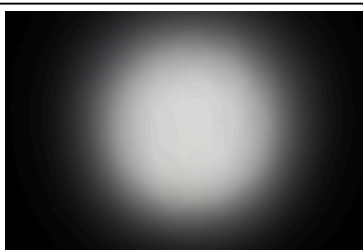
LED XB-H
FWHM 29.0°
Efficiency 91 %
Peak intensity 3.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



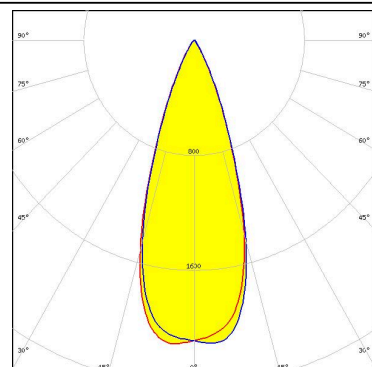
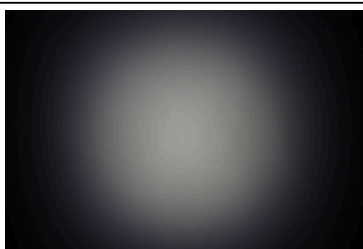
LED XHP35 HD
FWHM 40.0°
Efficiency 88 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP35 HI
FWHM 33.0°
Efficiency 88 %
Peak intensity 2.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



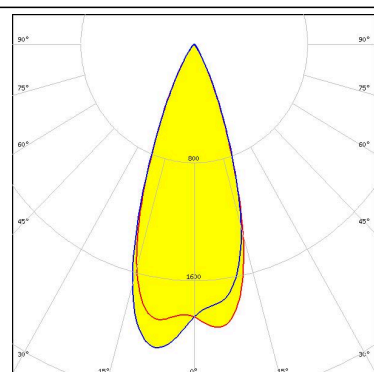
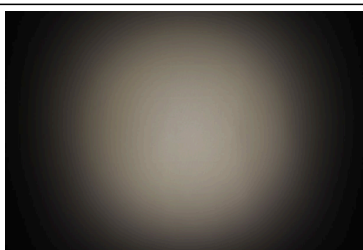
LED XM-L
FWHM 37.0°
Efficiency 92 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



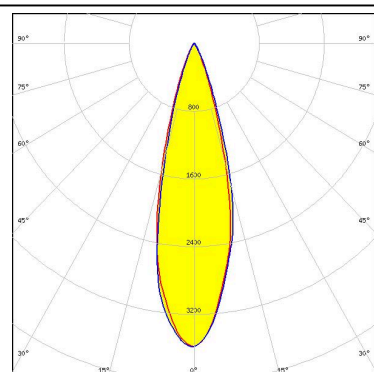
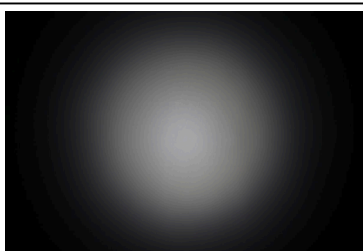
PHOTOMETRIC DATA (MEASURED):



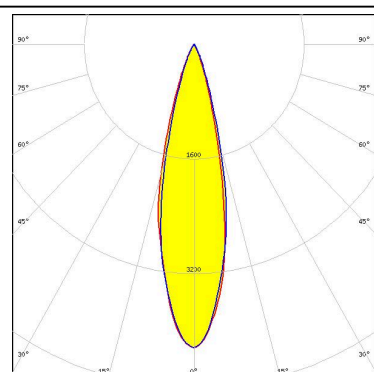
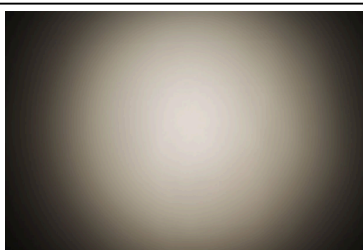
LED XM-L2
FWHM 38.0°
Efficiency 91 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



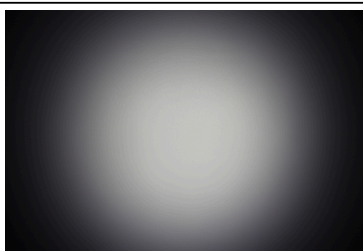
LED XP-E
FWHM 28.0°
Efficiency 93 %
Peak intensity 3.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-E2
FWHM 25.0°
Efficiency 94 %
Peak intensity 4.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



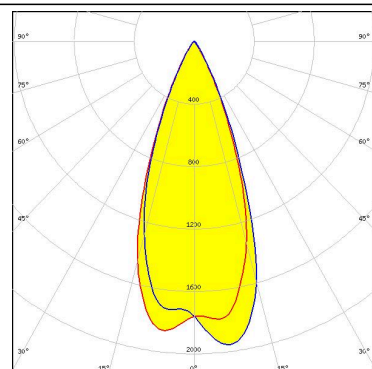
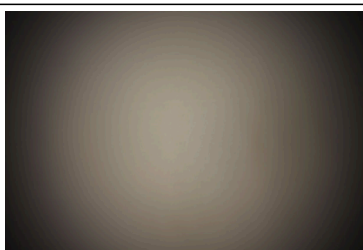
LED XP-G2
FWHM 30.0°
Efficiency 89 %
Peak intensity 3.060 cd/lm
LEDs/each optic 1
Light colour White
Required components:



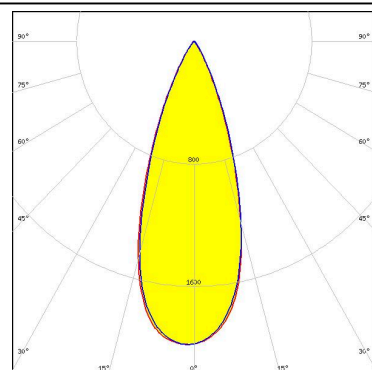
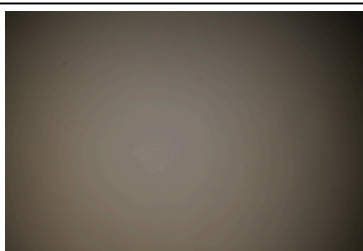
PHOTOMETRIC DATA (MEASURED):



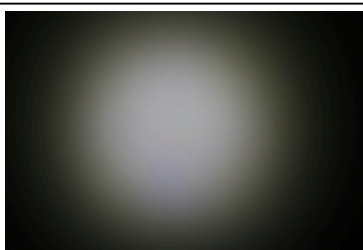
LED XP-L HD
FWHM 40.0°
Efficiency 91 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



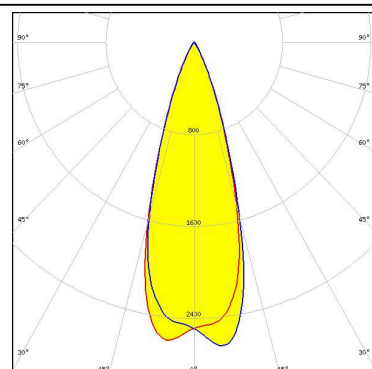
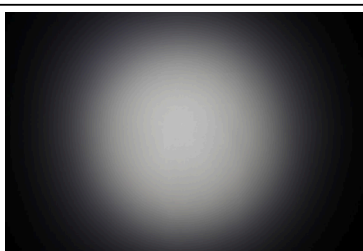
LED XP-L2
FWHM 37.0°
Efficiency 87 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XT-E
FWHM 27.0°
Efficiency 87 %
Peak intensity 3.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



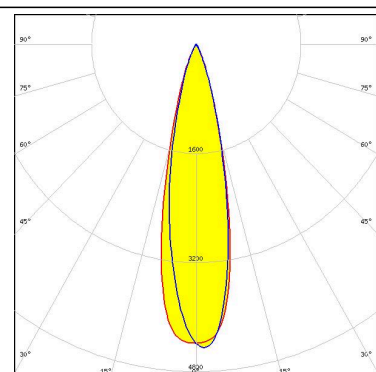
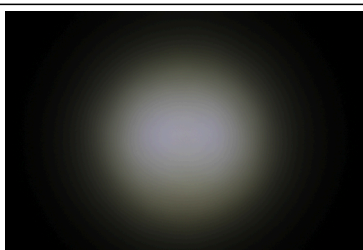
LED H35C1 (LEMWA33)
FWHM 33.0°
Efficiency 92 %
Peak intensity 2.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



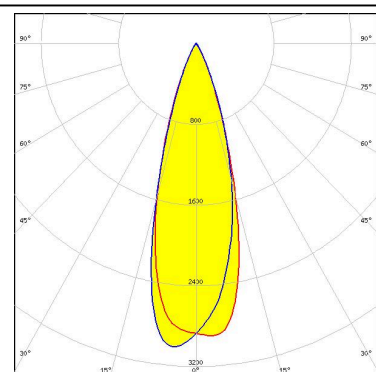
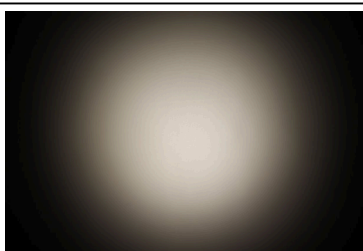
PHOTOMETRIC DATA (MEASURED):



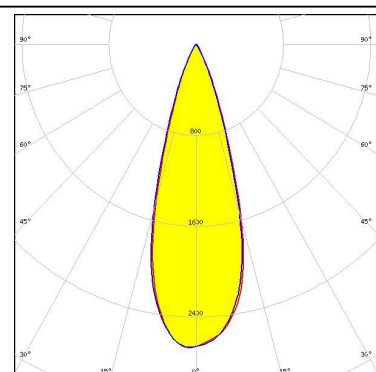
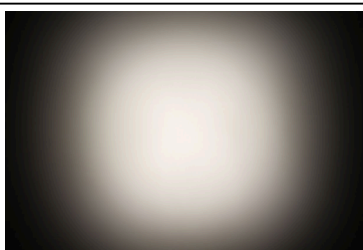
LED LUXEON 3030 2D (Round LES)
 FWHM 24.0°
 Efficiency 94 %
 Peak intensity 4.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



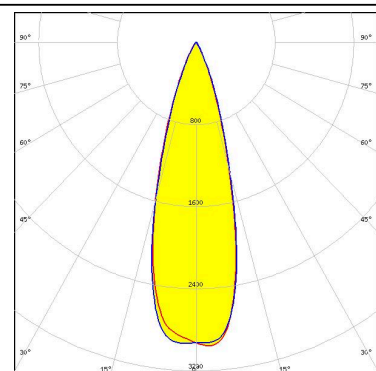
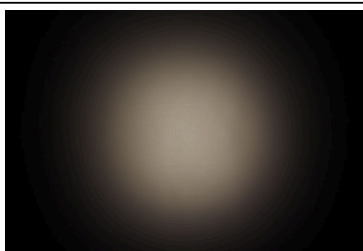
LED LUXEON A
 FWHM 30.0°
 Efficiency 91 %
 Peak intensity 3.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON MZ
 FWHM 32.0°
 Efficiency 93 %
 Peak intensity 2.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



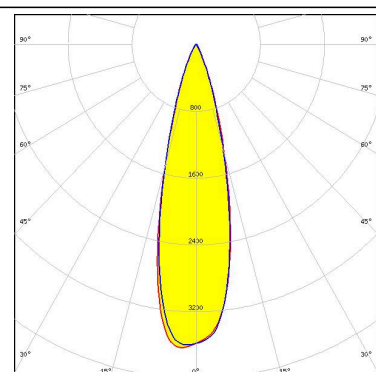
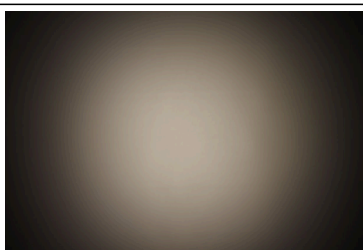
LED LUXEON R
 FWHM 30.0°
 Efficiency 91 %
 Peak intensity 3.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

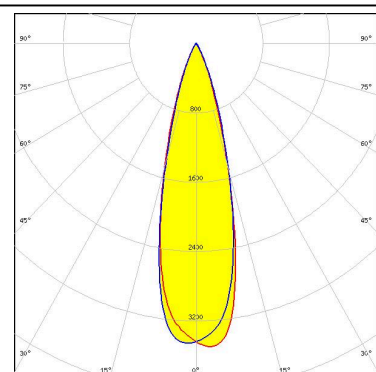
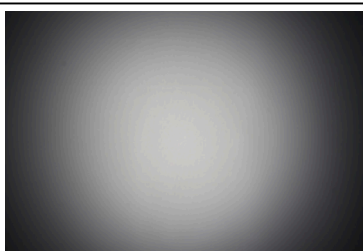
LUMILEDS

LED LUXEON Rebel
FWHM 26.0°
Efficiency 92 %
Peak intensity 3.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



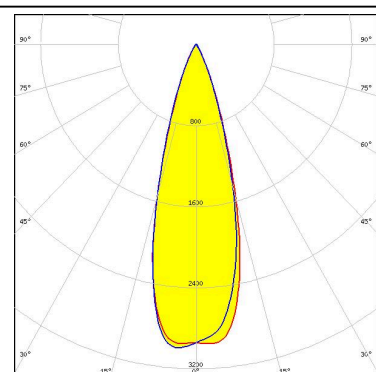
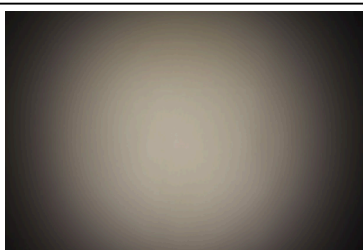
LUMILEDS

LED LUXEON Rebel ES
FWHM 27.0°
Efficiency 91 %
Peak intensity 3.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



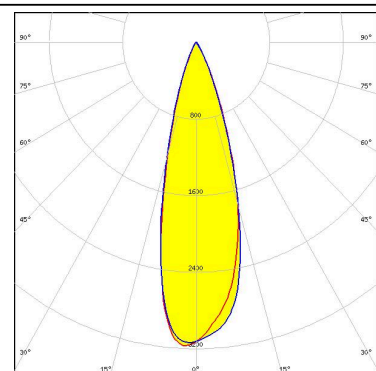
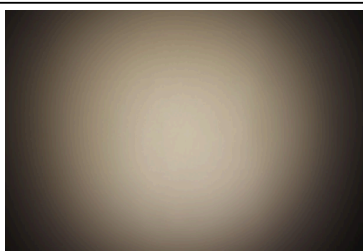
LUMILEDS

LED LUXEON T
FWHM 30.0°
Efficiency 93 %
Peak intensity 3.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

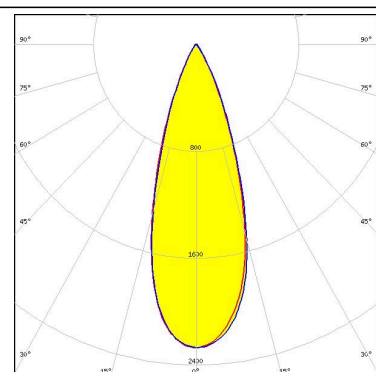
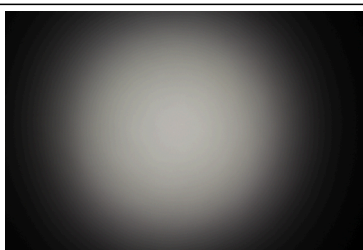
LED LUXEON TX
FWHM 30.0°
Efficiency 92 %
Peak intensity 3.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



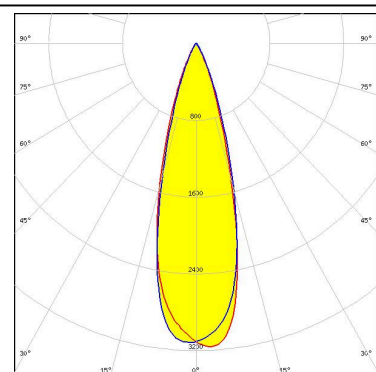
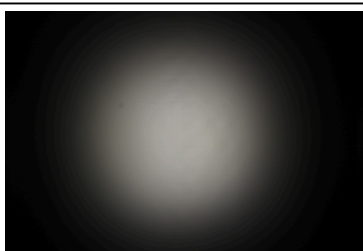
PHOTOMETRIC DATA (MEASURED):



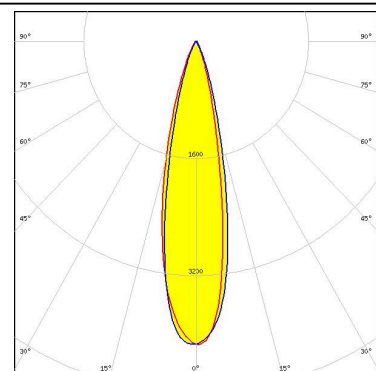
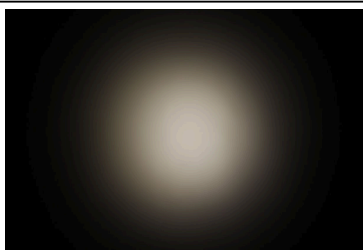
LED LUXEON V
FWHM 35.0°
Efficiency 90 %
Peak intensity 2.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



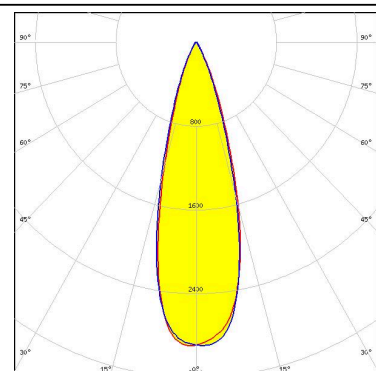
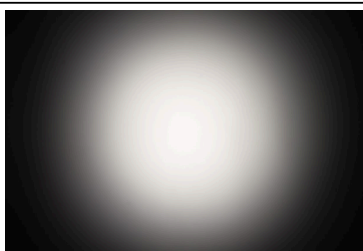
LED LUXEON V2
FWHM 29.0°
Efficiency 94 %
Peak intensity 3.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NCSxx19B
FWHM 23.0°
Efficiency 92 %
Peak intensity 4.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



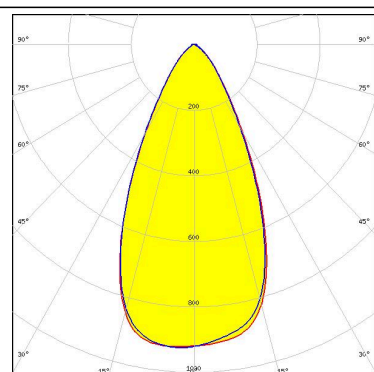
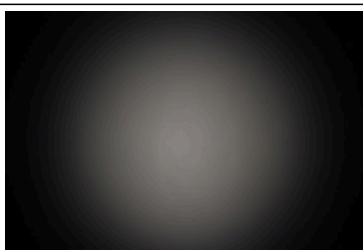
LED NVSxx19B/NVSxx19C
FWHM 30.0°
Efficiency 91 %
Peak intensity 2.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



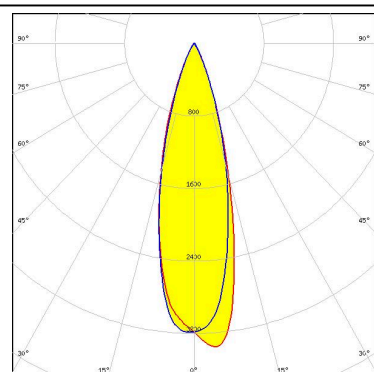
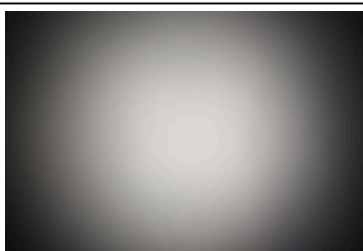
PHOTOMETRIC DATA (MEASURED):



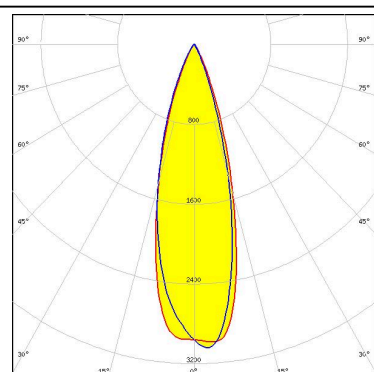
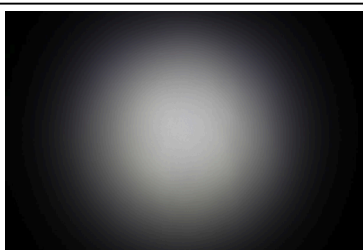
LED NWSx229A
 FWHM 39.0°
 Efficiency 89 %
 Peak intensity 2.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



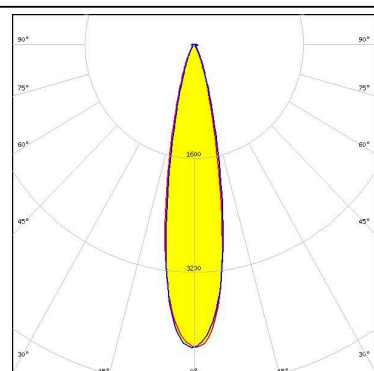
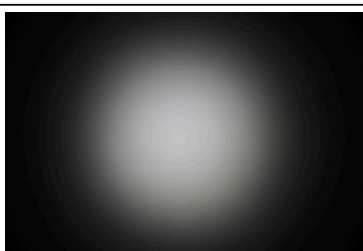
LED Oslon Square EC
 FWHM 28.0°
 Efficiency 91 %
 Peak intensity 3.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Oslon Square PC
 FWHM 29.0°
 Efficiency 91 %
 Peak intensity 3.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



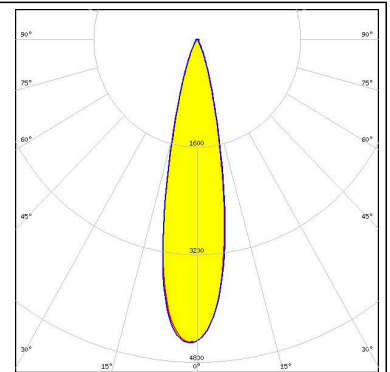
LED LH181A
 FWHM 21.0°
 Efficiency 94 %
 Peak intensity 4.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

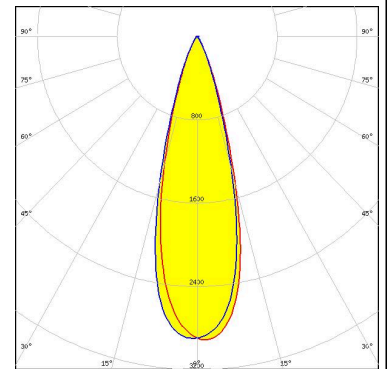
SAMSUNG

LED LH181B
FWHM 23.0°
Efficiency 94 %
Peak intensity 4.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



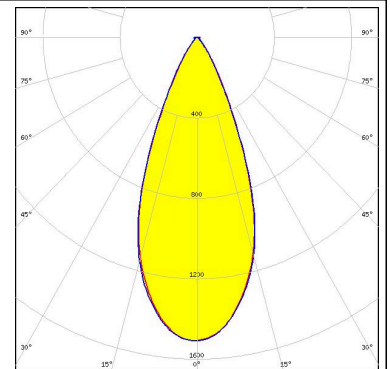
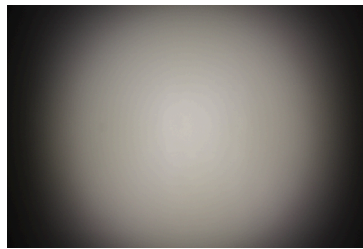
SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM 29.0°
Efficiency 88 %
Peak intensity 2.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

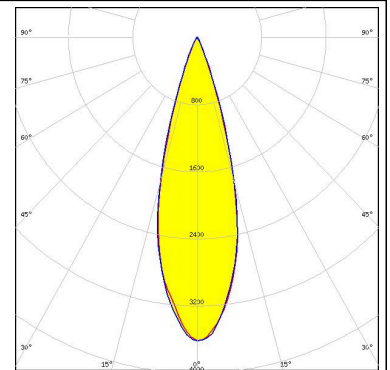
LED Z8Y50P
FWHM 42.0°
Efficiency 88 %
Peak intensity 1.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



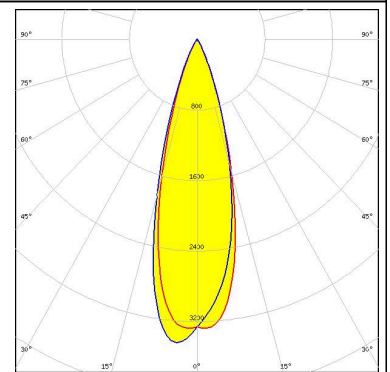
PHOTOMETRIC DATA (SIMULATED):



LED LUXEON C
FWHM 29.0°
Efficiency 94 %
Peak intensity 3.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LM28xB Series
FWHM 29.0°
Efficiency 94 %
Peak intensity 3.450 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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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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Hong Kong, China

Distribution Partners

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