

VERONICA-O

~55° + 10° oval beam

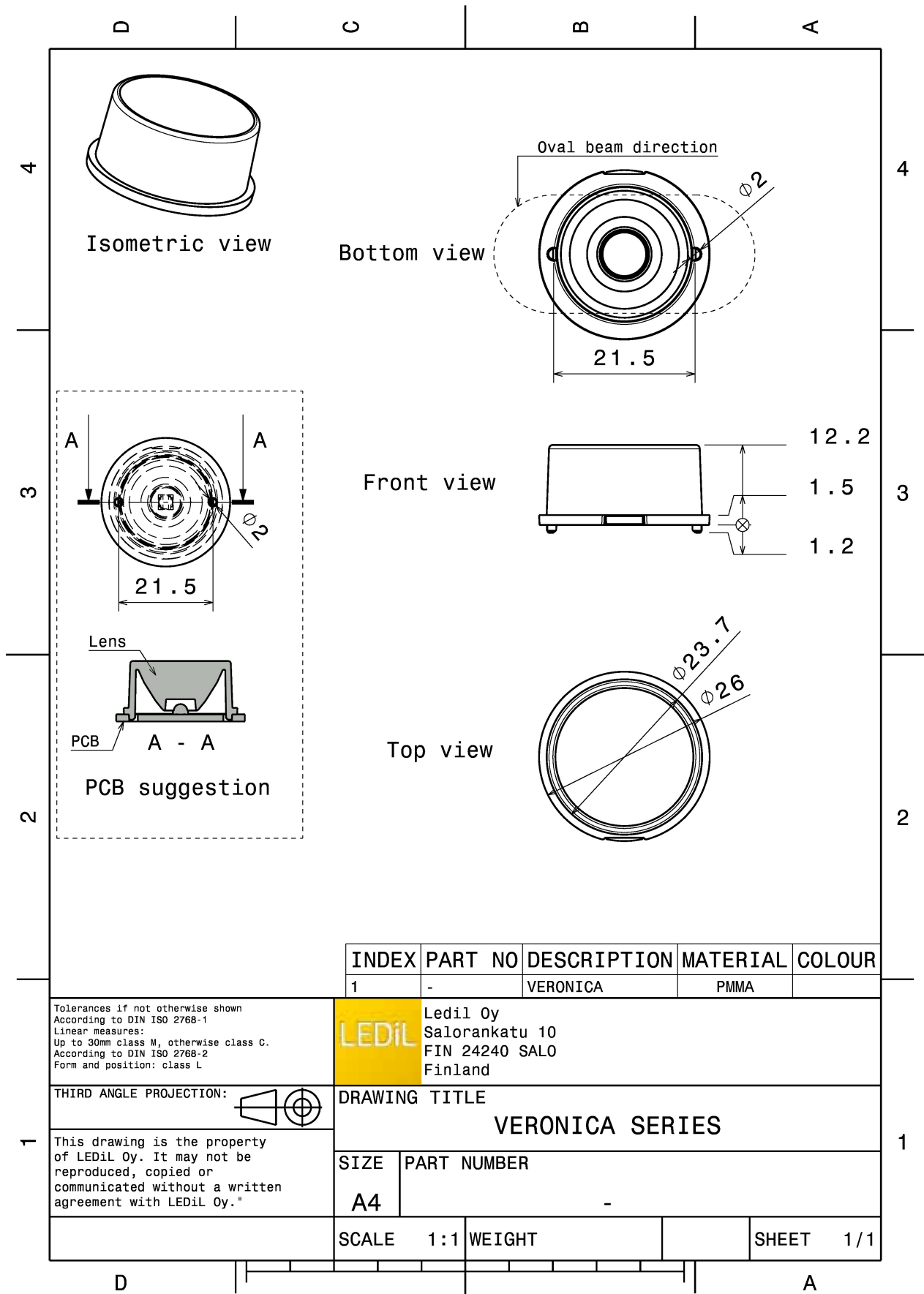
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26.0 mm
Height	12.2 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	10 kg
Quantity in Box	1980 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

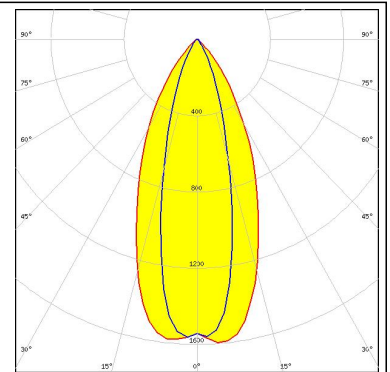
Component	Type	Material	Colour
VERONICA-O	Lens	PMMA	clear



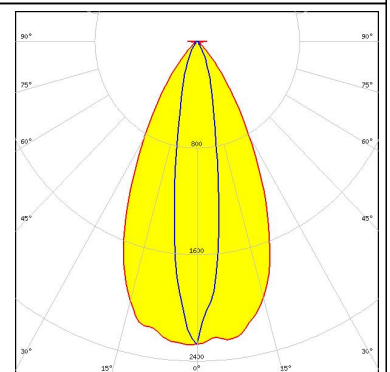
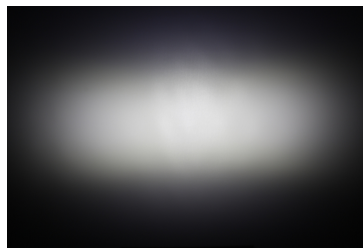
PHOTOMETRIC DATA (MEASURED):



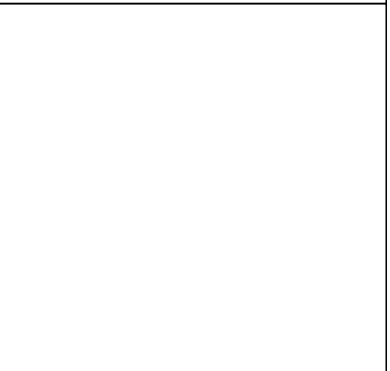
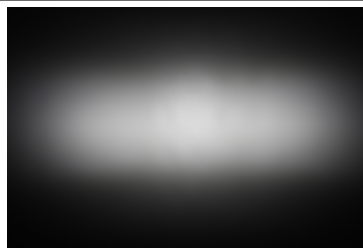
LED MK-R
FWHM 48.0 + 28.0°
Efficiency 80 %
Peak intensity 1.600 cd/lm
Required components:



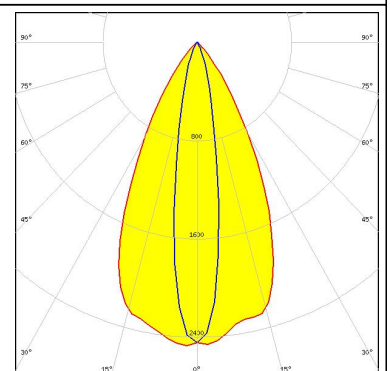
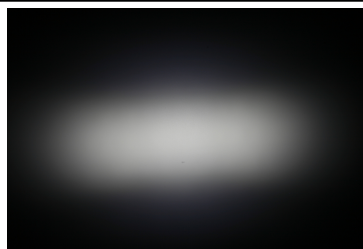
LED XHP35 HD
FWHM 52.0 + 19.0°
Efficiency 80 %
Peak intensity 2.260 cd/lm
Required components:



LED XHP35 HI
FWHM 53.0 + 16.0°
Efficiency 82 %
Peak intensity 2.900 cd/lm
Required components:



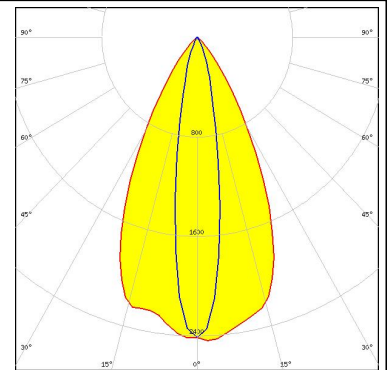
LED XM-L
FWHM 54.0 + 18.0°
Efficiency 83 %
Peak intensity 2.500 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

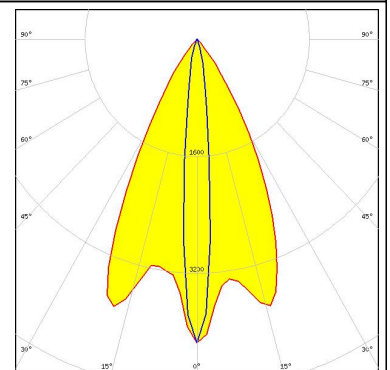
CREE 

LED XM-L2
 FWHM 54.0 + 18.0°
 Efficiency 82 %
 Peak intensity 2.400 cd/lm
 Required components:



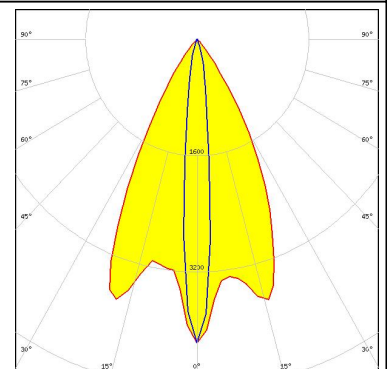
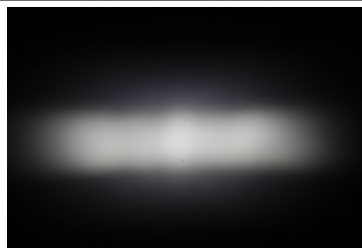
CREE 

LED XP-E
 FWHM 54.0 + 11.0°
 Efficiency 83 %
 Peak intensity 4.200 cd/lm
 Required components:



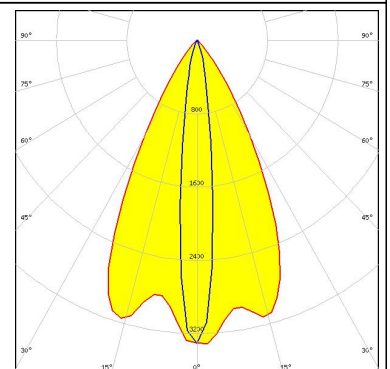
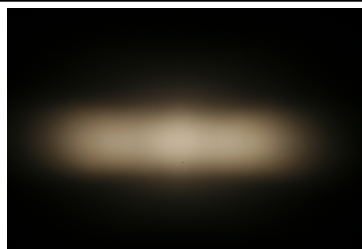
CREE 

LED XP-E2
 FWHM 54.0 + 11.0°
 Efficiency 84 %
 Peak intensity 4.200 cd/lm
 Required components:



CREE 

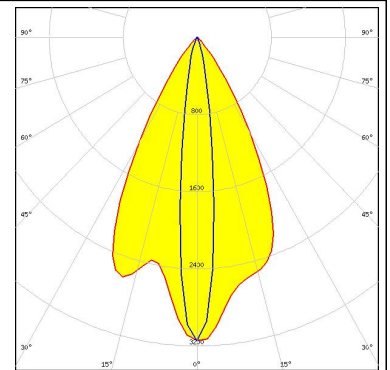
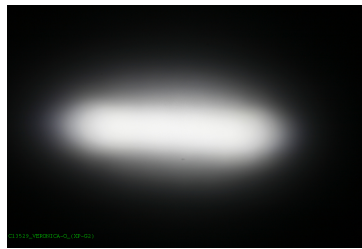
LED XP-G
 FWHM 55.0 + 13.0°
 Efficiency 83 %
 Peak intensity 3.300 cd/lm
 Required components:



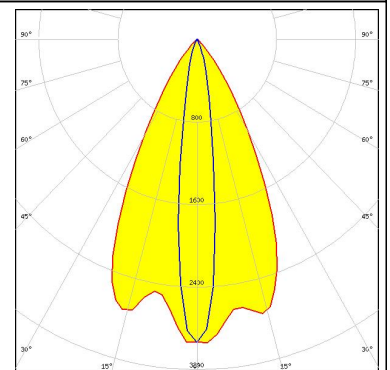
PHOTOMETRIC DATA (MEASURED):



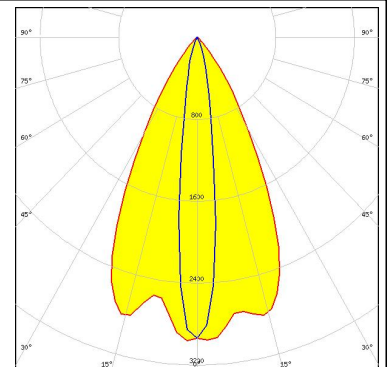
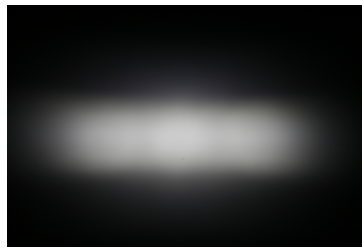
LED XP-G2
 FWHM 55.0 + 13.0°
 Efficiency 84 %
 Peak intensity 3.200 cd/lm
 Required components:



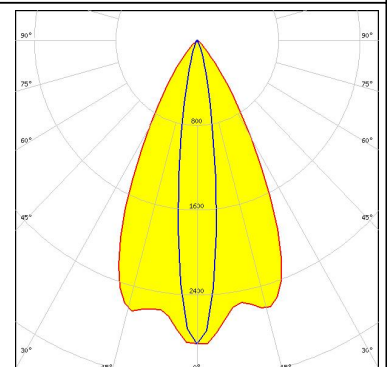
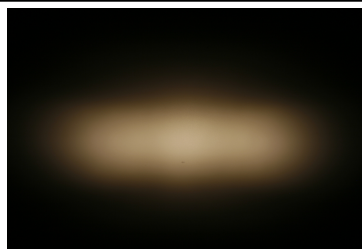
LED XT-E
 FWHM 54.0 + 15.0°
 Efficiency 81 %
 Peak intensity 2.900 cd/lm
 Required components:



LED H35C0 (LEMWA33)
 FWHM 55.0 + 15.0°
 Efficiency 81 %
 Peak intensity 3.000 cd/lm
 Required components:



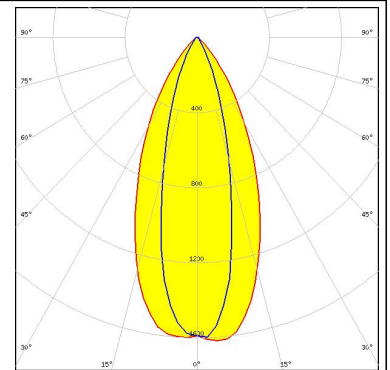
LED LUXEON A
 FWHM 54.0 + 15.0°
 Efficiency 82 %
 Peak intensity 2.900 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

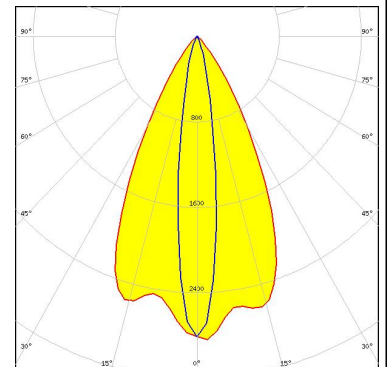
LUMILEDS

LED LUXEON M/MX
 FWHM 49.0 + 28.0°
 Efficiency 79 %
 Peak intensity 1.600 cd/lm
 Required components:



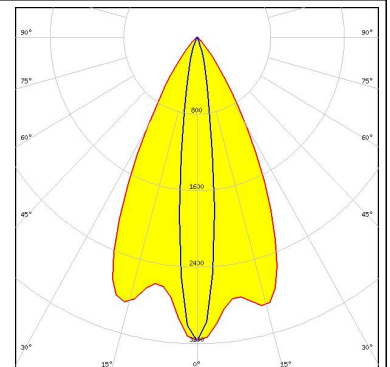
LUMILEDS

LED LUXEON R
 FWHM 54.0 + 16.0°
 Efficiency 81 %
 Peak intensity 2.800 cd/lm
 Required components:



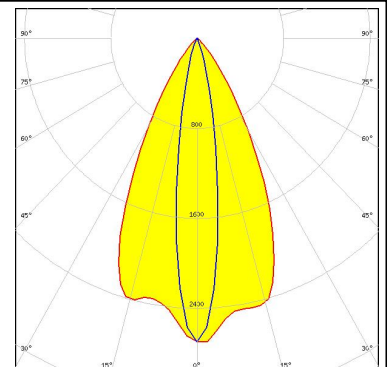
LUMILEDS

LED LUXEON Rebel
 FWHM 54.0 + 14.0°
 Efficiency 82 %
 Peak intensity 3.200 cd/lm
 Required components:



LUMILEDS

LED LUXEON Rebel ES
 FWHM 54.0 + 17.0°
 Efficiency 81 %
 Peak intensity 2.700 cd/lm
 Required components:



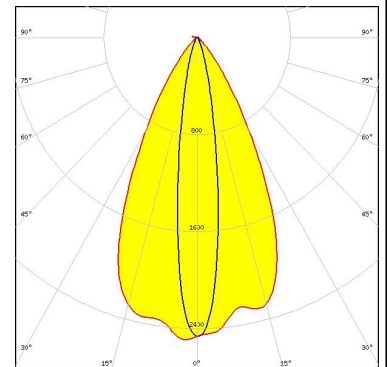
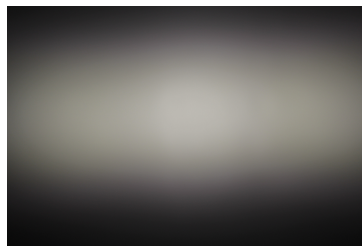
PHOTOMETRIC DATA (MEASURED):



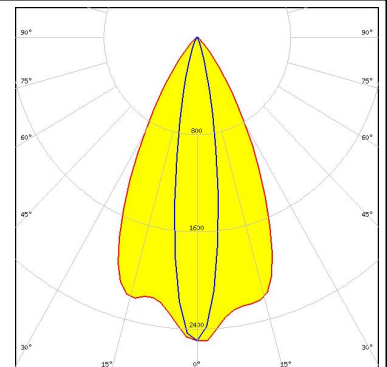
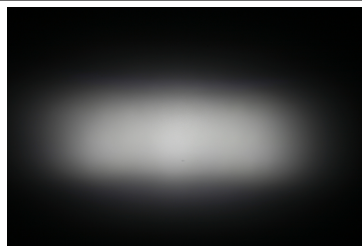
LED NCSxx19B
FWHM 52.0 + 15.0°
Efficiency 80 %
Peak intensity 2.970 cd/lm
Required components:



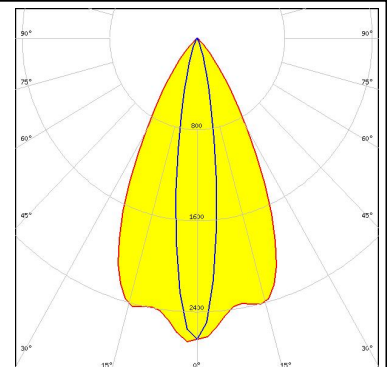
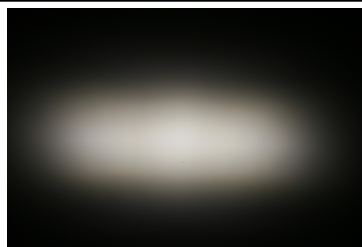
LED NVSW3x9A
FWHM 53.0 + 16.0°
Efficiency 80 %
Peak intensity 2.500 cd/lm
Required components:



LED NVSxx19A
FWHM 53.0 + 18.0°
Efficiency 79 %
Peak intensity 2.500 cd/lm
Required components:



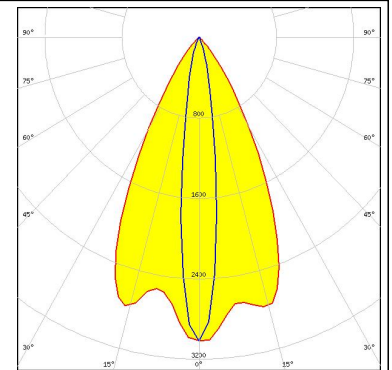
LED NVSxx19B/NVSxx19C
FWHM 54.0 + 17.0°
Efficiency 79 %
Peak intensity 2.700 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

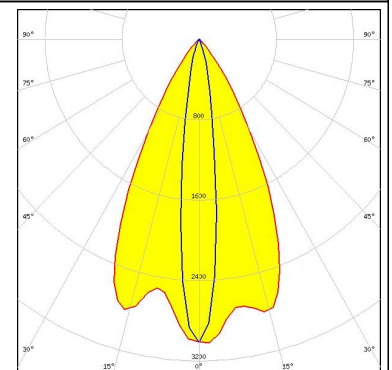
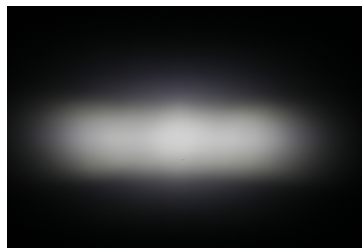
OSRAM
Opto Semiconductors

LED Oslon Square EC
FWHM 54.0 + 14.0°
Efficiency 81 %
Peak intensity 3.000 cd/lm
Required components:



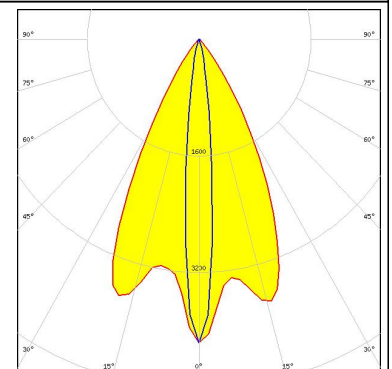
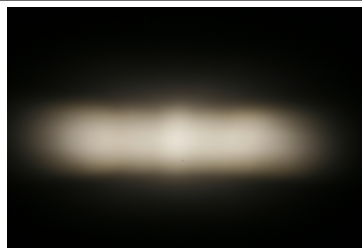
OSRAM
Opto Semiconductors

LED Oslon Square PC
FWHM 54.0 + 15.0°
Efficiency 81 %
Peak intensity 3.000 cd/lm
Required components:



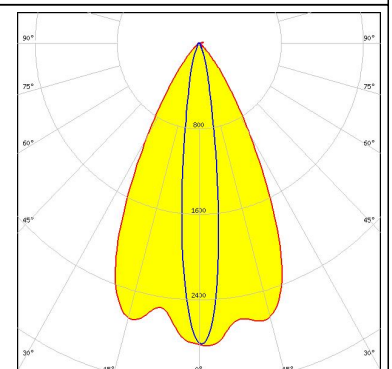
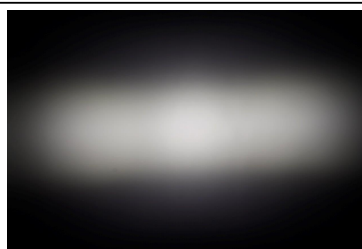
OSRAM
Opto Semiconductors

LED Oslon SSL 150
FWHM 54.0 + 11.0°
Efficiency 83 %
Peak intensity 4.200 cd/lm
Required components:



SAMSUNG

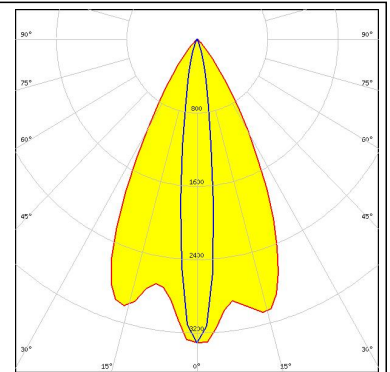
LED LH351B
FWHM 54.0 + 14.0°
Efficiency 84 %
Peak intensity 2.800 cd/lm
Required components:



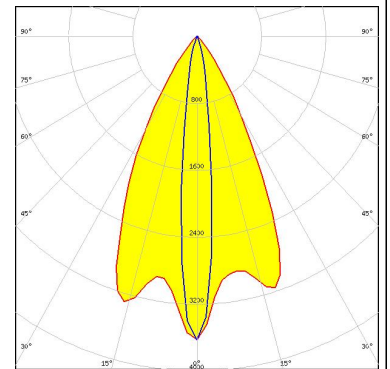
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

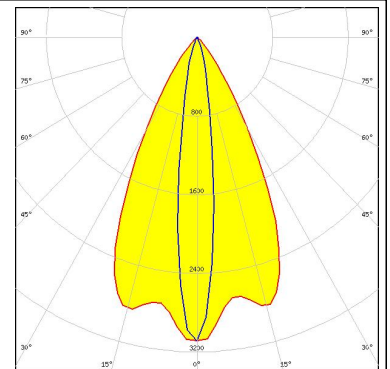
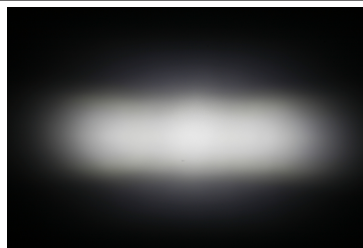
LED LH351Z
 FWHM 54.0 + 13.0°
 Efficiency 83 %
 Peak intensity 3.300 cd/lm
 Required components:



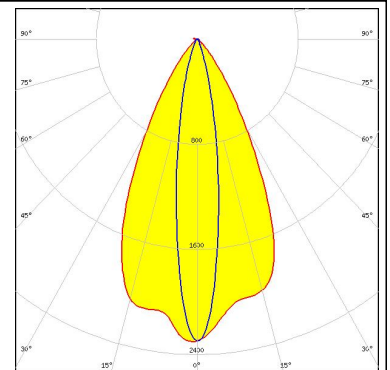
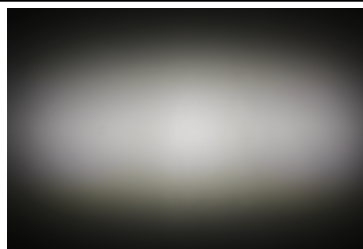
SEOUL SEMICONDUCTOR
 LED Z5
 FWHM 54.0 + 13.0°
 Efficiency 83 %
 Peak intensity 3.600 cd/lm
 Required components:



SEOUL SEMICONDUCTOR
 LED Z5M1/Z5M2
 FWHM 54.0 + 15.0°
 Efficiency 83 %
 Peak intensity 3.100 cd/lm
 Required components:



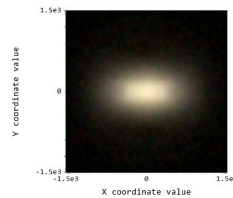
SEOUL SEMICONDUCTOR
 LED Z8Y22P
 FWHM 52.0 + 17.0°
 Efficiency 77 %
 Peak intensity 2.300 cd/lm
 Required components:



PHOTOMETRIC DATA (SIMULATED):

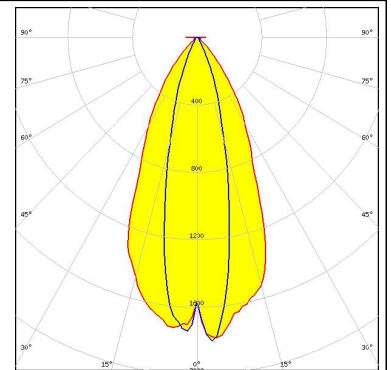
OSRAM
Opto Semiconductors

LED OSCONIQ P 7070
FWHM 48.0 + 25.0°
Efficiency 85 %
Peak intensity 1.850 cd/lm
Required components:



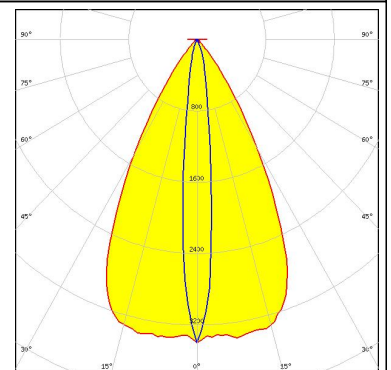
detector range: illuminance

 21.4.2016
 OSRAM Opto Semiconductors AG
 91074 Munich, Germany
 Total Power: 8.0000000 Lumens
 C13529_VERONICA-O_00000_P7070_2016
 Configuration: 1 of 1



OSRAM
Opto Semiconductors

LED Oslon Square Gen3
FWHM 57.0 + 11.0°
Efficiency 92 %
Peak intensity 3.400 cd/lm
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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LEDiL Oy

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Hong Kong, China

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