

FLORENCE-1R-O

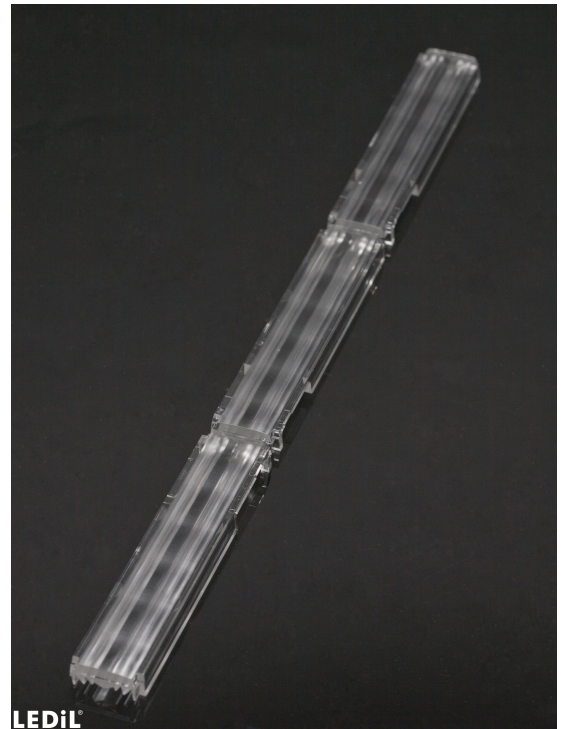
~95° + 30° oval beam

SPECIFICATION:

Dimensions	285.6 x 19.5 mm
Height	7 mm
Fastening	glue, clips
ROHS compliant	yes ⓘ

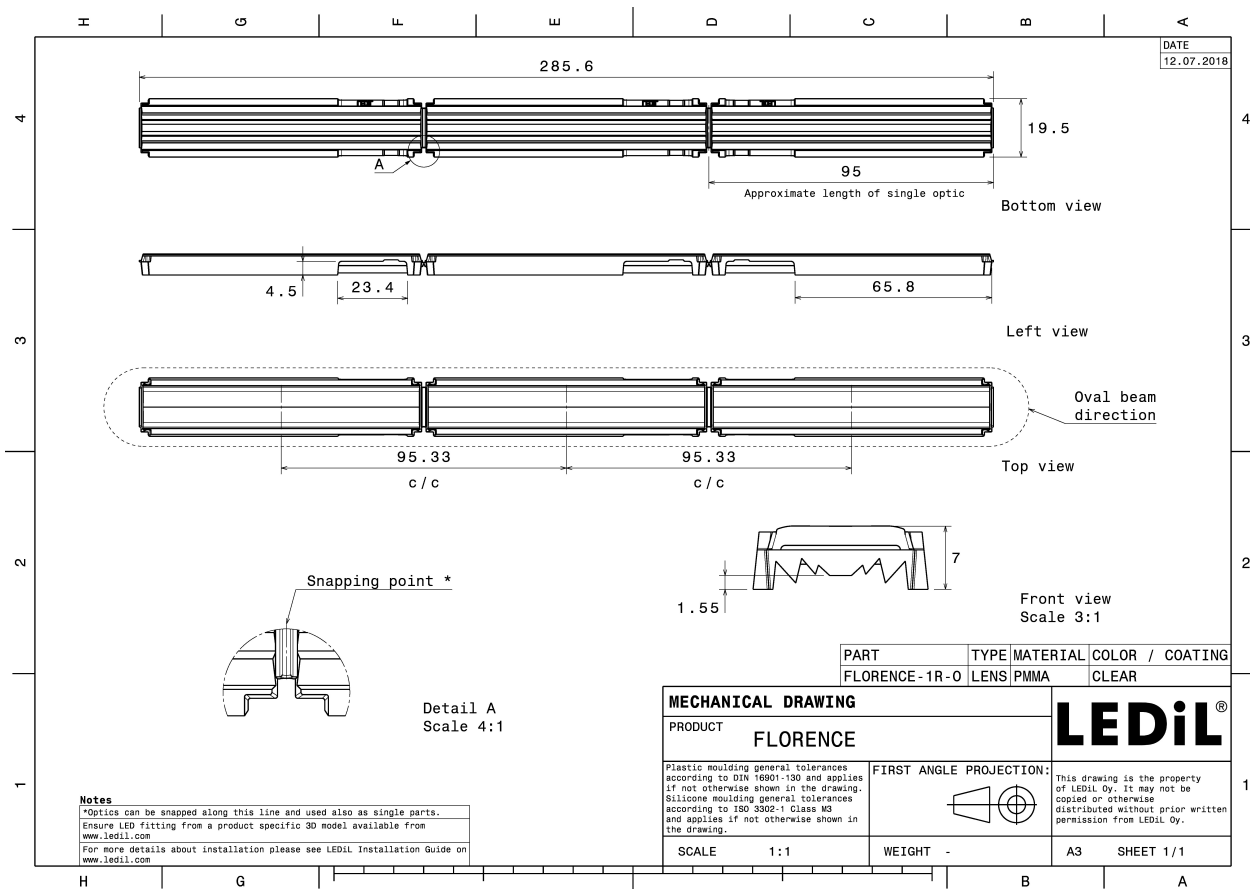
MATERIALS:

Component	Type	Material	Colour	Finish
FLORENCE-1R-O	Linear lens	PMMA	clear	



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C14454_FLORENCE-1R-O » Box size: 480 x 280 x 300 mm	210	45	15	8.1

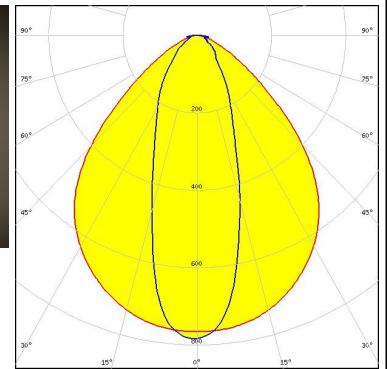
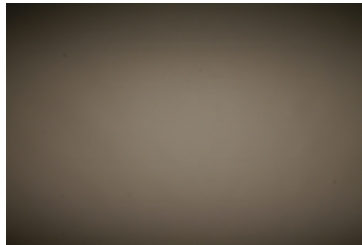


See also our general installation guide: www.ledil.com/installation_guide

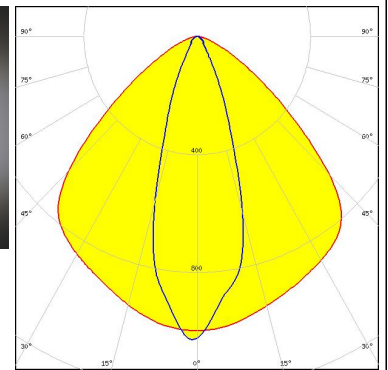
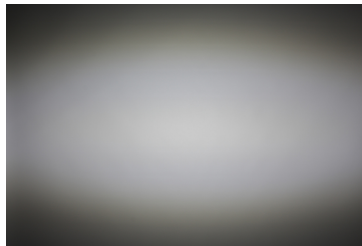
OPTICAL RESULTS (MEASURED):



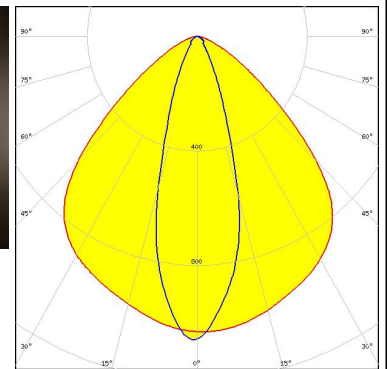
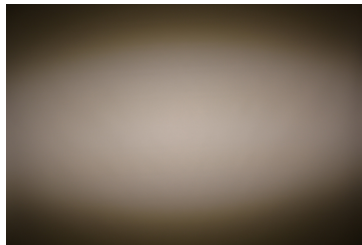
LED L0-280024-xxx-C0800-L267
 FWHM / FWTM 92.0 + 35.0° / 131.0 + 89.0°
 Efficiency 91 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



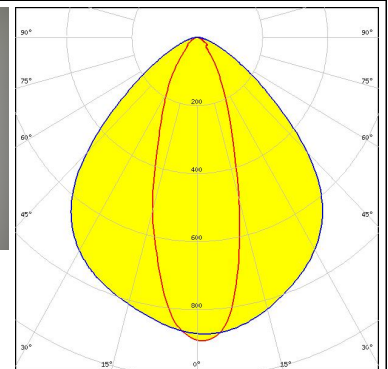
LED LUXEON 3014
 FWHM / FWTM 98.0 + 33.0° / 133.0 + 59.0°
 Efficiency 93 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON 3020
 FWHM / FWTM 95.0 + 31.0° / 131.0 + 59.0°
 Efficiency 93 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



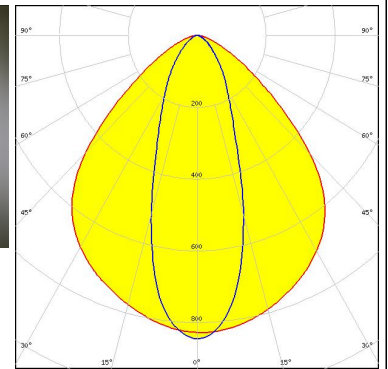
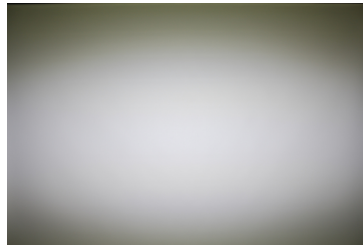
LED LUXEON 3030 2D (Round LES)
 FWHM / FWTM 93.0 + 34.0° / 131.0 + 75.0°
 Efficiency 91 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



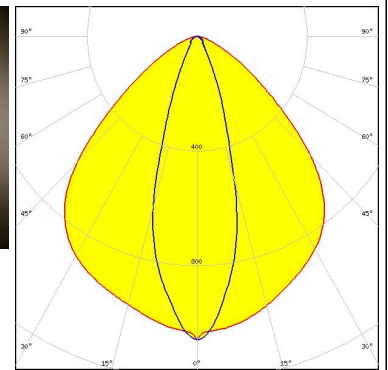
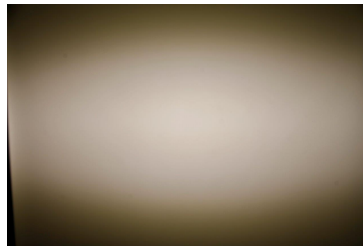
OPTICAL RESULTS (MEASURED):



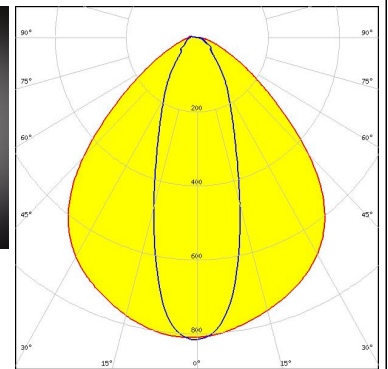
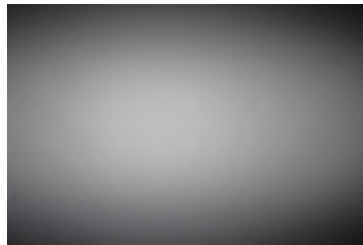
LED LUXEON 3535L
 FWHM / FWTM 93.0 + 35.0° / 132.0 + 85.0°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



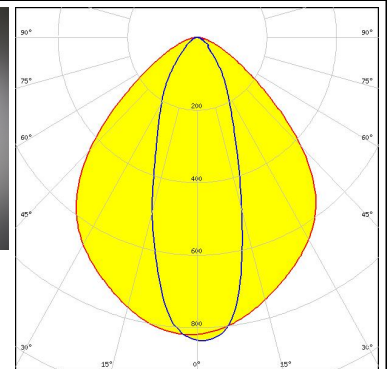
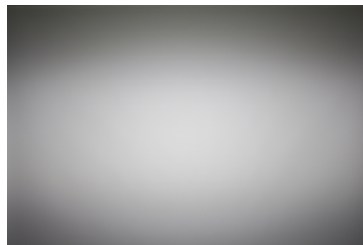
LED MP-2016
 FWHM / FWTM 94.0 + 31.0° / 130.0 + 57.0°
 Efficiency 92 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NF2x757D
 FWHM / FWTM 93.0 + 34.0° / 137.0 + 85.0°
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



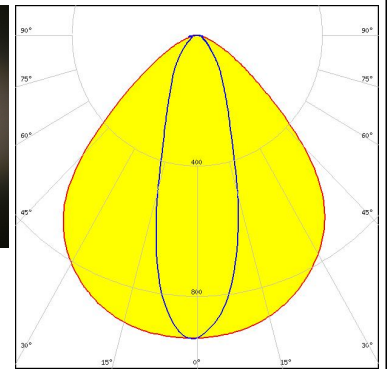
LED NF2x757G
 FWHM / FWTM 92.0 + 35.0° / 133.0 + 84.0°
 Efficiency 90 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



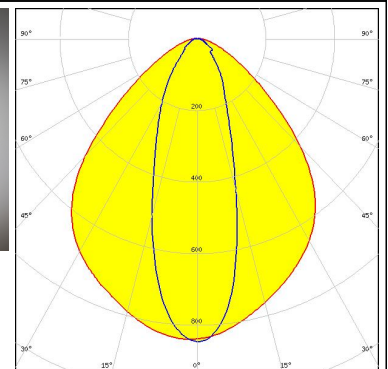
OPTICAL RESULTS (MEASURED):



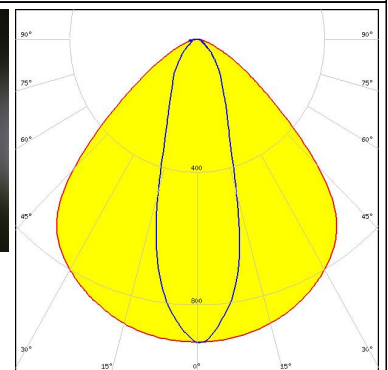
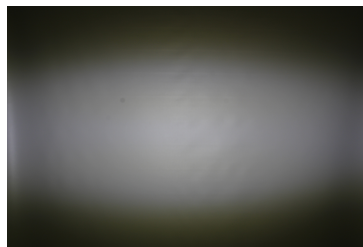
LED NFSW757H
 FWHM / FWTM 92.0 + 31.0° / 129.0 + 80.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14353_FLORENCE-1R-CLIP-A



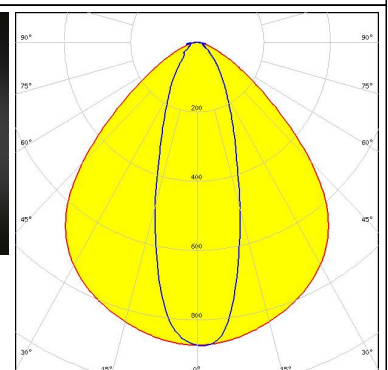
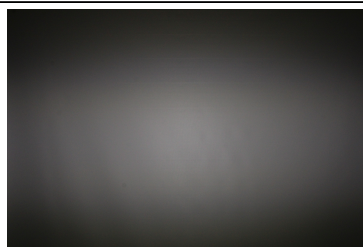
LED Duris S5 (2 chip)
 FWHM / FWTM 92.0 + 33.0° / 135.0 + 92.0°
 Efficiency 91 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Fortimo LED Line 1ft 2000lm 1R HV4
 FWHM / FWTM 95.0 + 31.0° / 131.0 + 81.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14353_FLORENCE-1R-CLIP-A



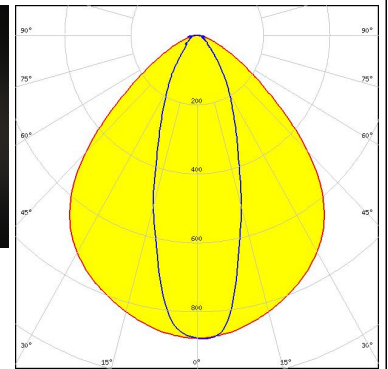
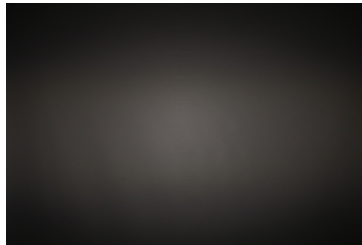
LED Fortimo LED Line 1ft HF 1R HV5
 FWHM / FWTM 94.0 + 34.0° / 132.0 + 82.0°
 Efficiency 96 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14353_FLORENCE-1R-CLIP-A



OPTICAL RESULTS (MEASURED):

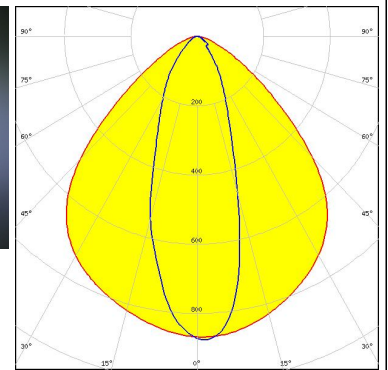
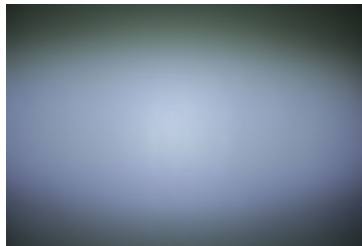
PHILIPS

LED Fortimo LED Line 1ft MF 1R HV5 & LV5
 FWHM / FWTM 93.0 + 34.0° / 131.0 + 80.0°
 Efficiency 96 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14353_FLORENCE-1R-CLIP-A



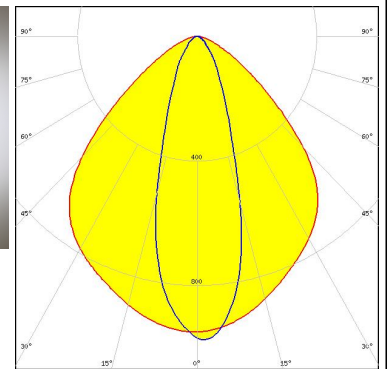
SAMSUNG

LED LM28xB Series
 FWHM / FWTM 94.0 + 34.0° / 132.0 + 80.0°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



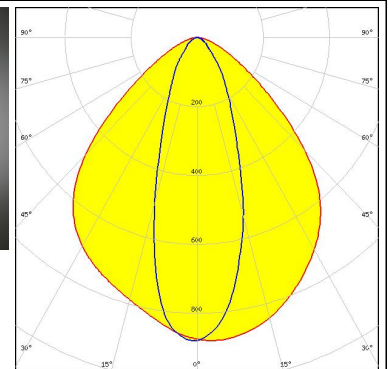
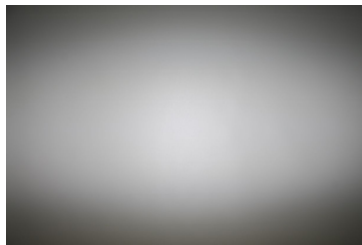
SAMSUNG

LED LM301A
 FWHM / FWTM 93.0 + 32.0° / 132.0 + 73.0°
 Efficiency 92 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

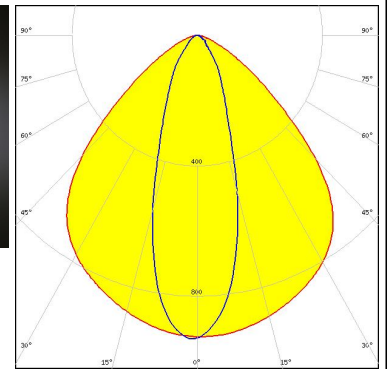
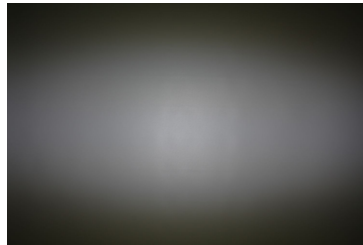
LED LM302A
 FWHM / FWTM 92.0 + 34.0° / 132.0 + 80.0°
 Efficiency 92 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

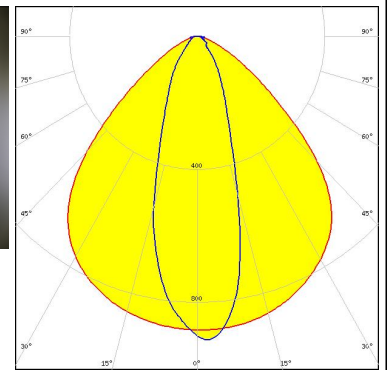
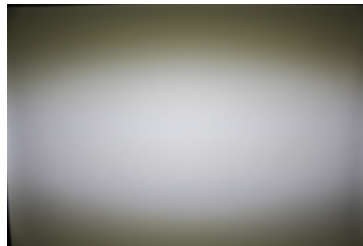
SAMSUNG

LED LM561C
FWHM / FWTM 94.0 + 32.0° / 131.0 + 75.0°
Efficiency 93 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



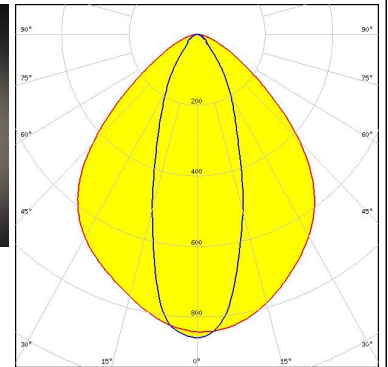
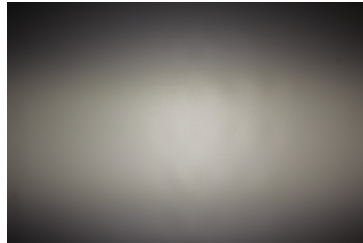
SAMSUNG

LED LT-S282N
FWHM / FWTM 95.0 + 32.0° / 131.0 + 76.0°
Efficiency 93 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



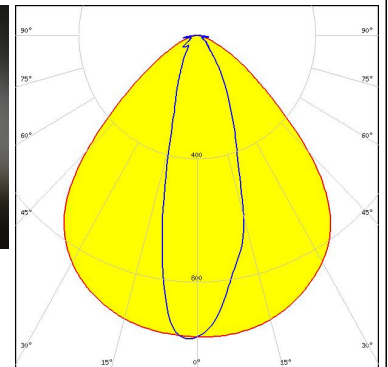
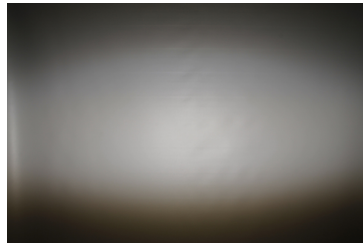
SEOUL SEMICONDUCTOR

LED SEOUL 3030
FWHM / FWTM 91.0 + 35.0° / 132.0 + 79.0°
Efficiency 90 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

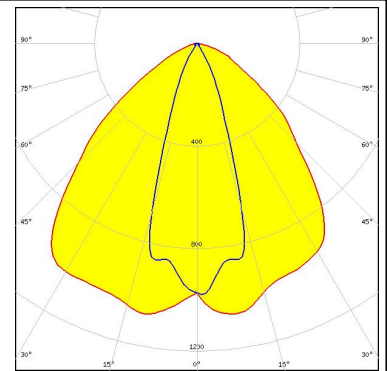
LED SEOUL DC 3030
FWHM / FWTM 92.0 + 30.0° / 129.0 + 67.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14353_FLORENCE-1R-CLIP-A



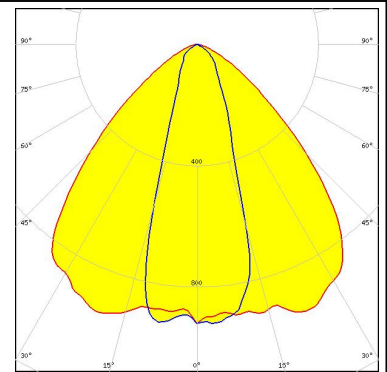
OPTICAL RESULTS (SIMULATED):



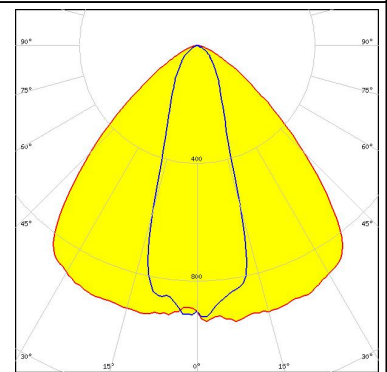
LED LUXEON CZ
 FWHM / FWTM 95.0 + 33.0° / 136.0 + 56.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



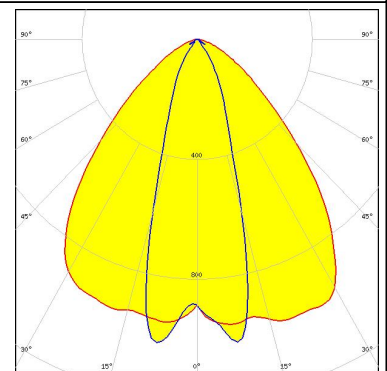
LED Duris E 2835
 FWHM / FWTM 92.0 + 30.0° / 127.0 + 71.0°
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Duris E5
 FWHM / FWTM 92.0 + 32.0° / 125.0 + 78.0°
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSCONIQ C 2424
 FWHM / FWTM 89.0 + 32.0° / 129.0 + 65.0°
 Efficiency 95 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

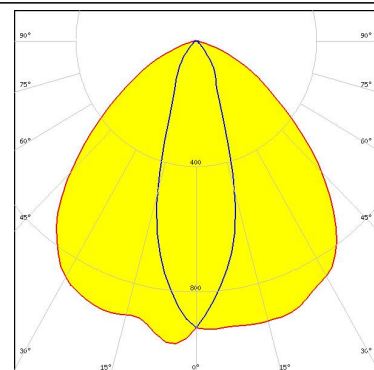


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

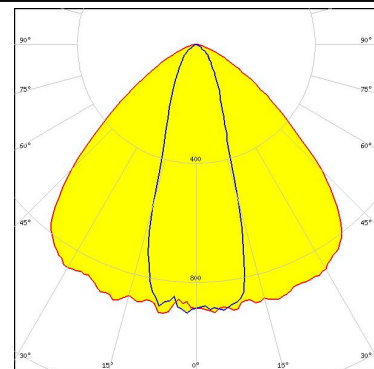
LED	OSLON SSL 150
FWHM / FWTM	98.0 + 32.0° / 140.0 + 70.0°
Efficiency	95 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	Far Red
Required components:	



SEOUL

SEMICONDUCTOR

LED	SEOUL DC 3030C
FWHM / FWTM	98.0 + 32.0° / 131.0 + 73.0°
Efficiency	95 %
Peak intensity	1 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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LEDiL Oy

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Shipping locations

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Hong Kong, China

Distribution Partners

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