

FLORENCE-1R-O

~95° + 30° oval beam

SPECIFICATION:

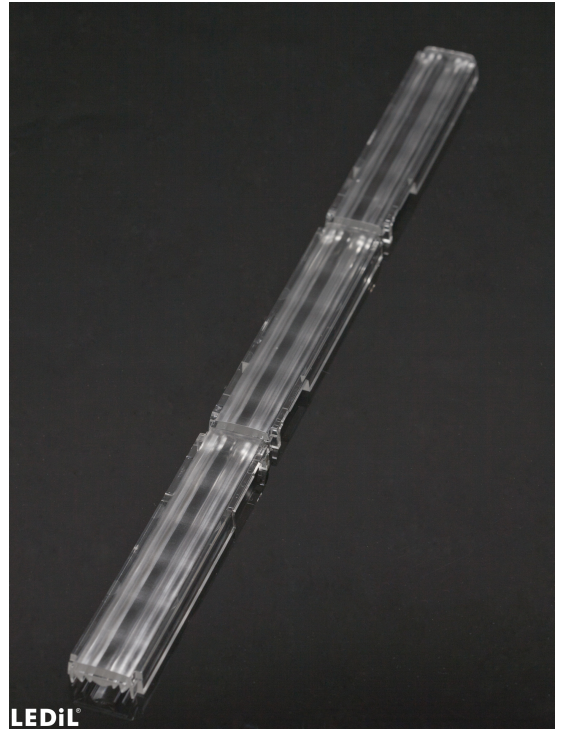
Dimensions	285.6 x 19.5 mm
Height	7 mm
Fastening	glue, clips
ROHS compliant	yes ⓘ

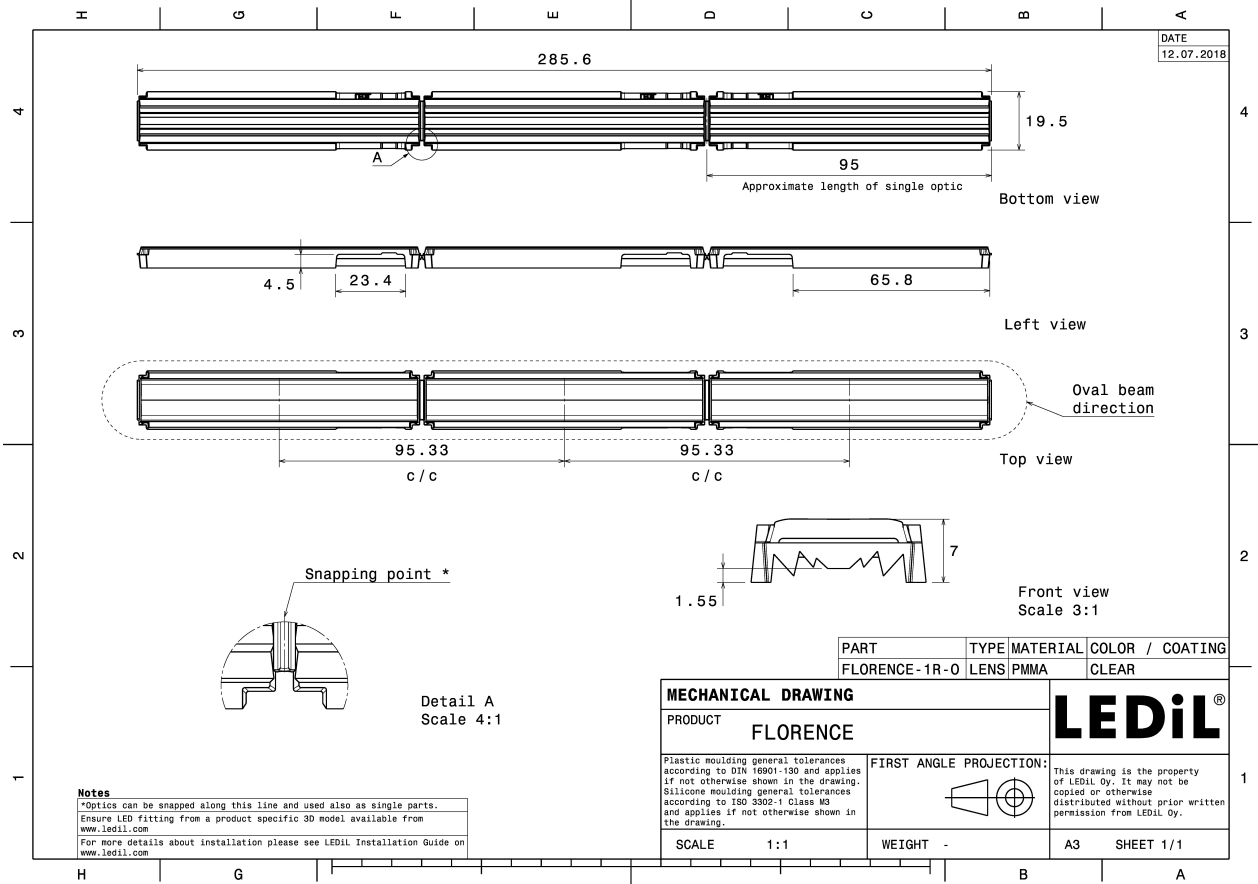
MATERIALS:

Component	Type	Material	Colour	Finish	Length
FLORENCE-1R-O	Linear lens	PMMA	clear		285.6

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



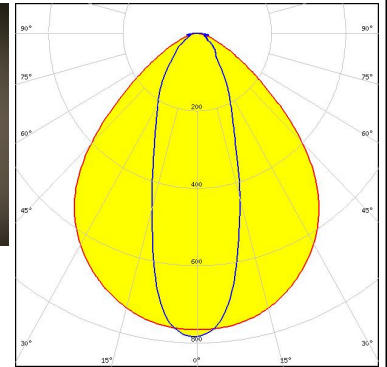


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CEZOS

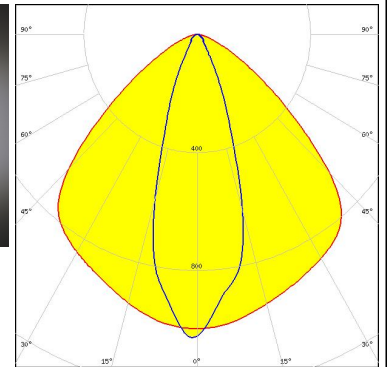
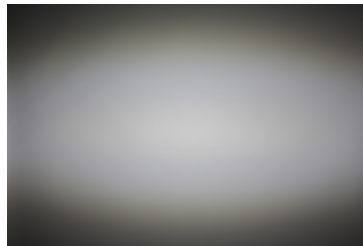
LED L0-280024-xxx-C0800-L267
 FWHM / FWTM 92.0 + 35.0° / 131.0 + 89.0°
 Efficiency 91 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

LUMILEDS

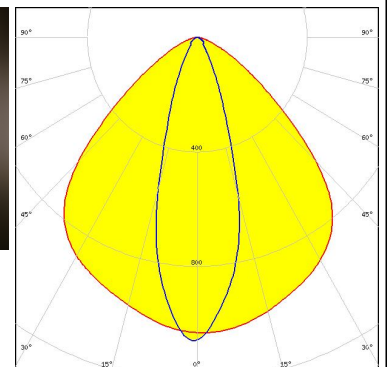
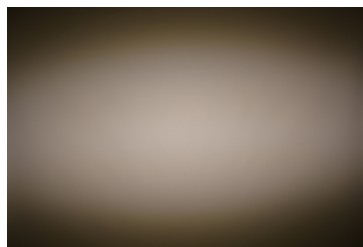
LED LUXEON 3014
 FWHM / FWTM 98.0 + 33.0° / 133.0 + 59.0°
 Efficiency 93 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

LUMILEDS

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/type White
 Required components:

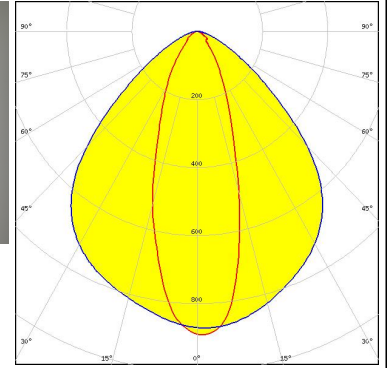


Light distribution files

OPTICAL RESULTS (MEASURED):



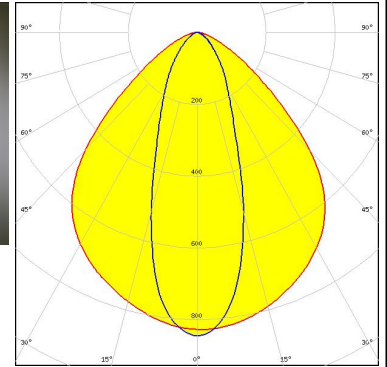
LED LUXEON 3030 2D (Round LES)
 FWHM / FWTM 93.0 + 34.0° / 131.0 + 75.0°
 Efficiency 91 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



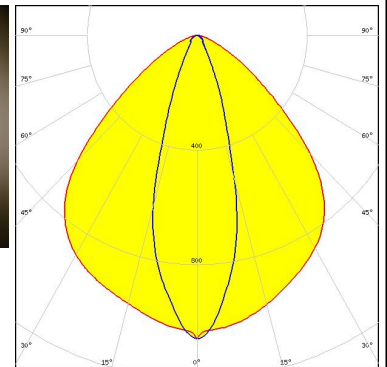
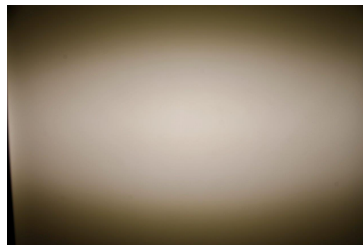
LED LUXEON 3535L
 FWHM / FWTM 93.0 + 35.0° / 132.0 + 85.0°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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/type White
 Required components:

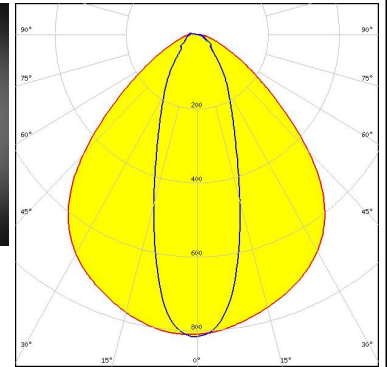


Light distribution files

OPTICAL RESULTS (MEASURED):



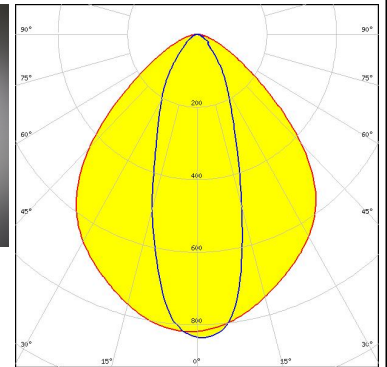
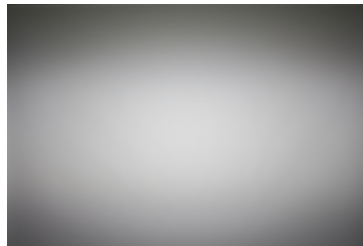
LED NF2x757D
FWHM / FWTM 93.0 + 34.0° / 137.0 + 85.0°
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



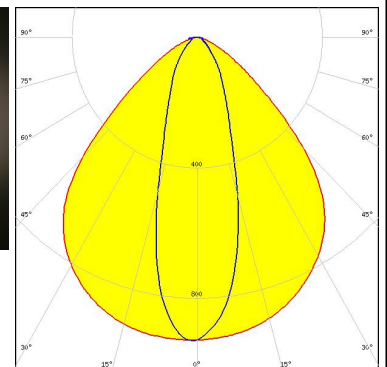
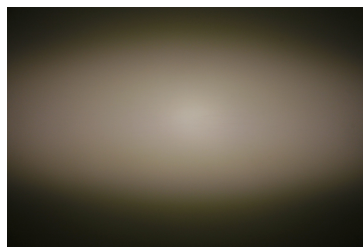
LED NF2x757G
FWHM / FWTM 92.0 + 35.0° / 133.0 + 84.0°
Efficiency 90 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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/type White
Required components:
 C14353_FLORENCE-1R-CLIP-A

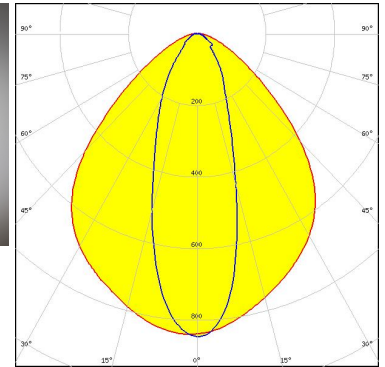


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

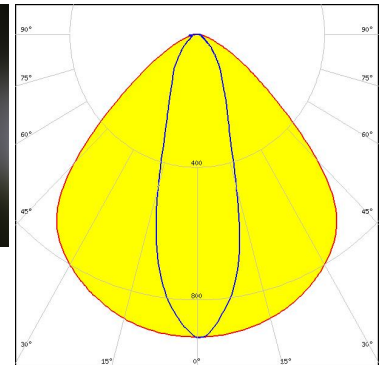
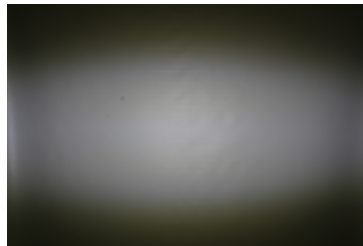
LED Duris S5 (2 chip)
FWHM / FWTM 92.0 + 33.0° / 135.0 + 92.0°
Efficiency 91 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

PHILIPS

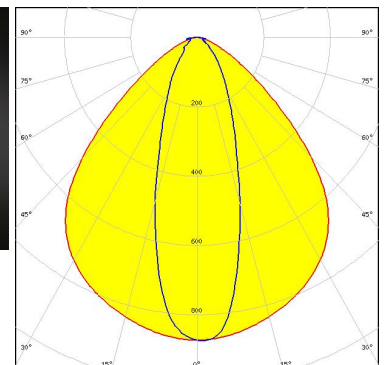
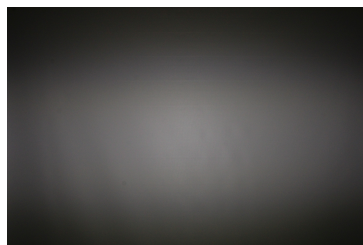
LED Fortimo LED Line 1ft 2000lm 1R HV4
FWHM / FWTM 95.0 + 31.0° / 131.0 + 81.0°
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C14353_FLORENCE-1R-CLIP-A



Light distribution files

PHILIPS

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/type White
Required components:
C14353_FLORENCE-1R-CLIP-A

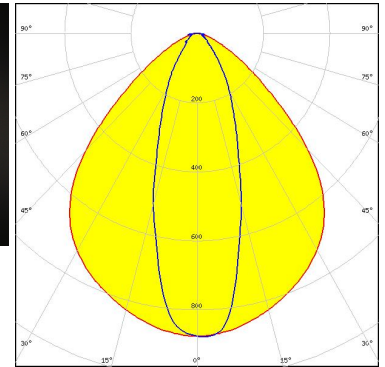
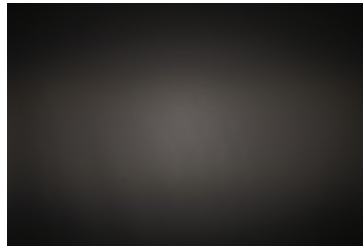


Light distribution files

OPTICAL RESULTS (MEASURED):

PHILIPS

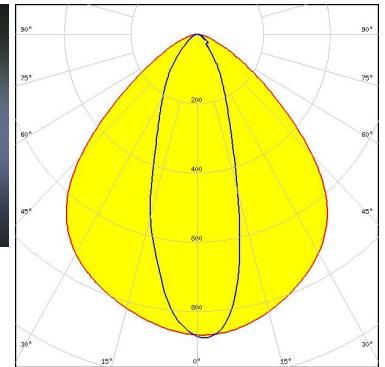
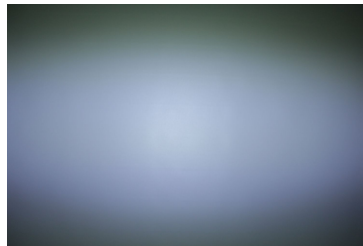
LED Fortimo LED Line 1ft MF 1R HV5 & LV5
FWHM / FWTM 93.0 + 34.0° / 131.0 + 80.0°
Efficiency 96 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C14353_FLORENCE-1R-CLIP-A



Light distribution files

SAMSUNG

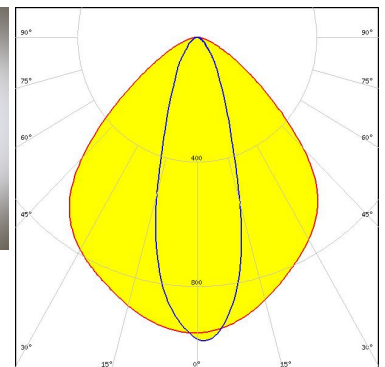
LED LM28xB Series
FWHM / FWTM 94.0 + 34.0° / 132.0 + 80.0°
Efficiency 93 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

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/type White
Required components:

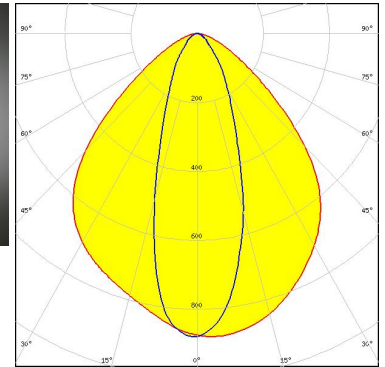
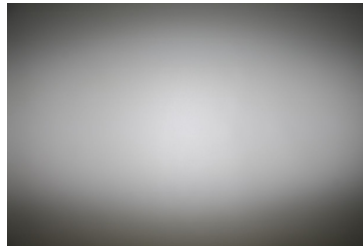


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

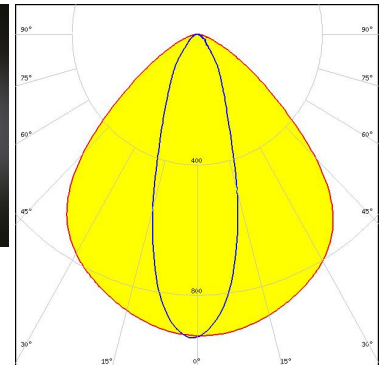
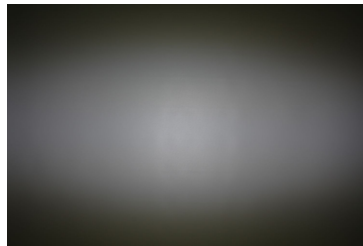
LED LM302A
 FWHM / FWTM 92.0 + 34.0° / 132.0 + 80.0°
 Efficiency 92 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

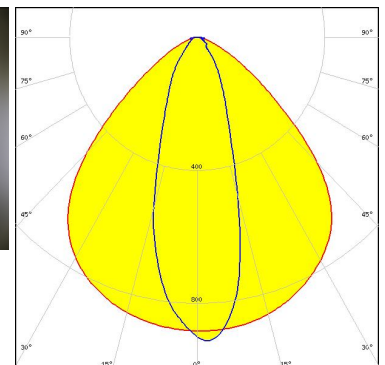
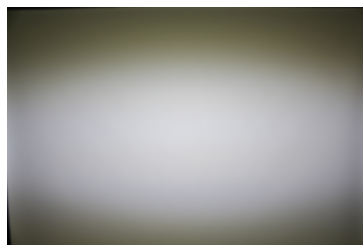
LED LM561C
 FWHM / FWTM 94.0 + 32.0° / 131.0 + 75.0°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files


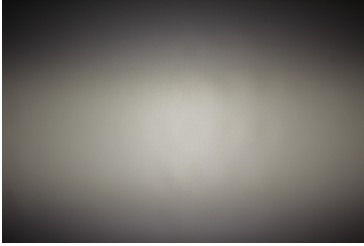
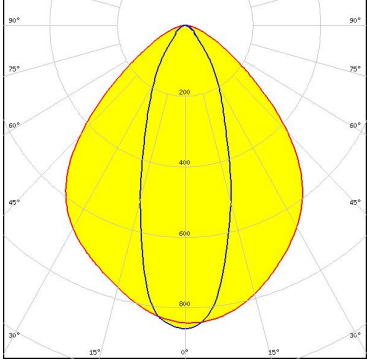
SAMSUNG

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/type White
 Required components:



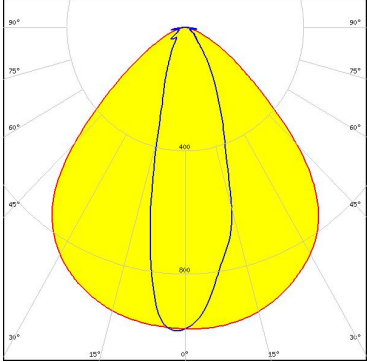


Light distribution files

OPTICAL RESULTS (MEASURED):

 <small>SEOUL SEMICONDUCTOR</small>			
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/type	White		
Required components:			

Light distribution files

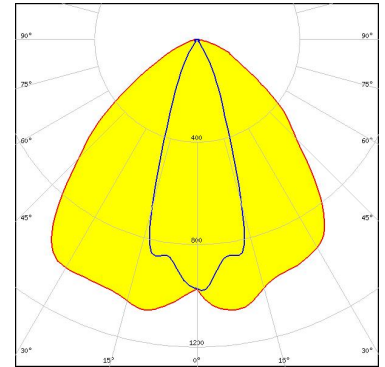
 <small>SEOUL SEMICONDUCTOR</small>			
LED	SEOUL DC 3030		
FWHM / FWTM	92.0 + 30.0° / 129.0 + 67.0°		
Efficiency	94 %		
Peak intensity	1 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required components:	C14353_FLORENCE-1R-CLIP-A		

Light distribution files

OPTICAL RESULTS (SIMULATED):



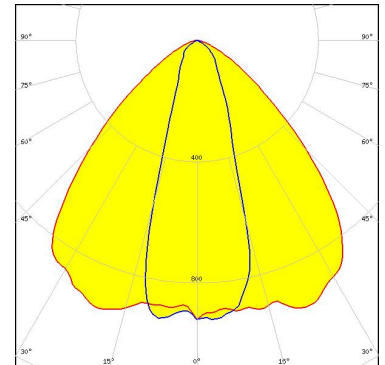
LED LUXEON CZ
FWHM / FWTM 95.0 + 33.0° / 136.0 + 56.0°
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



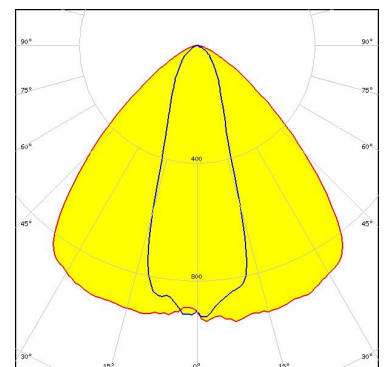
LED Duris E 2835
FWHM / FWTM 92.0 + 30.0° / 127.0 + 71.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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/type White
Required components:

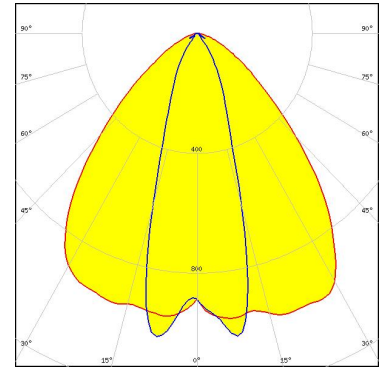


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

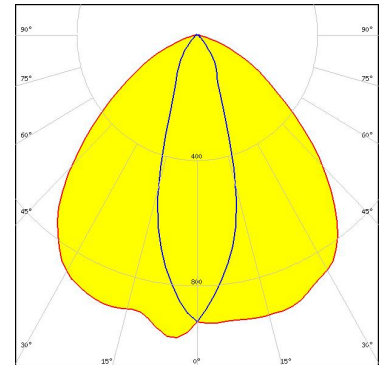
LED OSCONIQ C 2424
FWHM / FWTM 89.0 + 32.0° / 129.0 + 65.0°
Efficiency 95 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

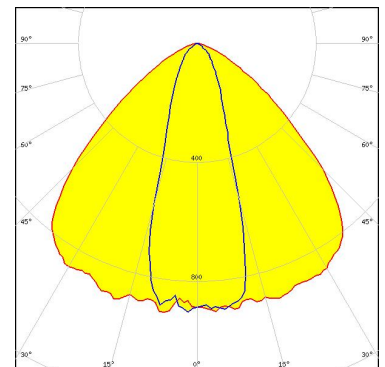
LED OSLON SSL 150
FWHM / FWTM 98.0 + 32.0° / 140.0 + 70.0°
Efficiency 95 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type Far Red
Required components:



Light distribution files

SEoul
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/type White
Required components:



Light distribution files

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

Distribution Partners

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