

FLORENCE-O

~85° + 35° oval beam

SPECIFICATION:

Dimensions	61.0 x 286.0
Height	8.5 mm
Fastening	screw
ROHS compliant	yes ⓘ

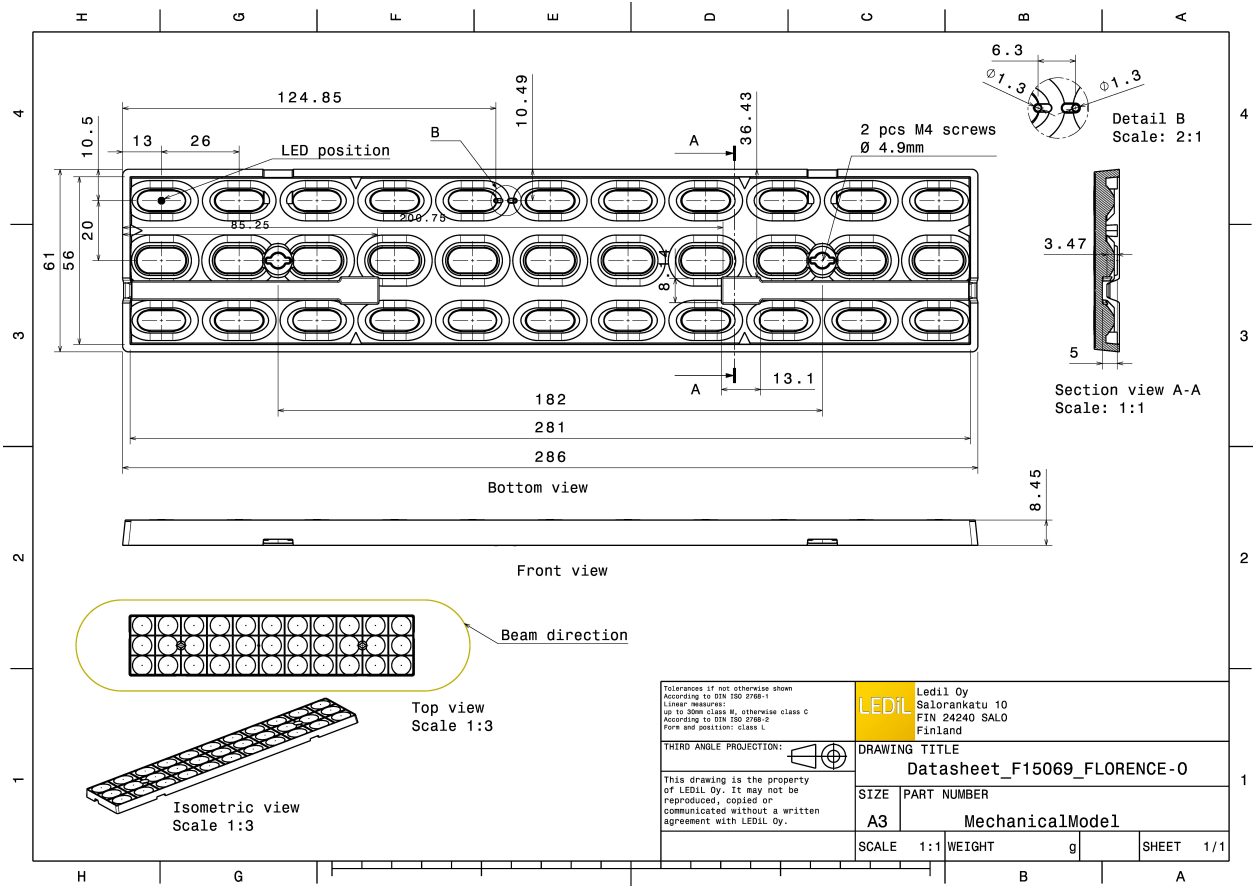
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
FLORENCE-O	Linear lens	PMMA	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F15069_FLORENCE-O » Box size: 398 x 298 x 140 mm	72	18	6	7.5



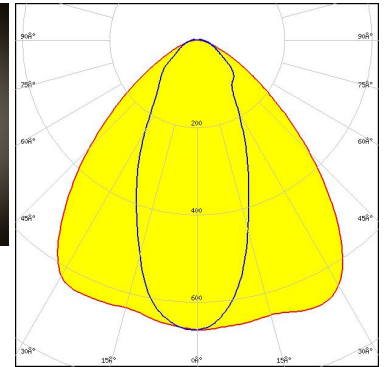


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

LUMILEDS

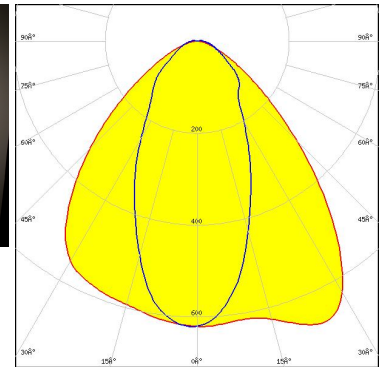
LED LUXEON XR-3535L (L202 - xxxx033C30001)
FWHM / FWTM 93.0 + 45.0° / 133.0 + 113.0°
Efficiency 94 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

NICHIA

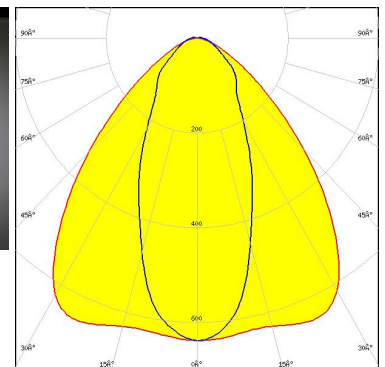
LED NFSW757H
FWHM / FWTM 88.0 + 48.0° / 130.0 + 120.0°
Efficiency 93 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM Opto Semiconductors

LED Duris E5
FWHM / FWTM 91.0 + 46.0° / 131.0 + 115.0°
Efficiency 92 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

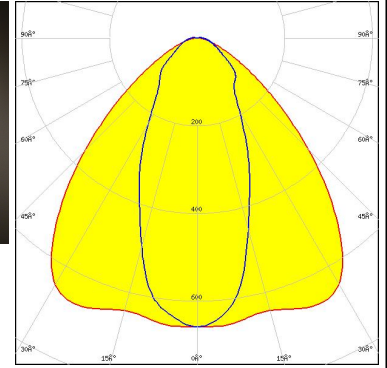
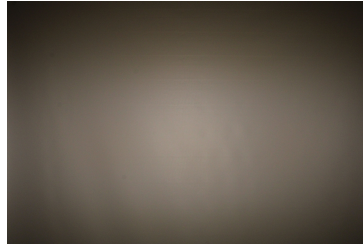


Light distribution files

OPTICAL RESULTS (MEASURED):

PHILIPS

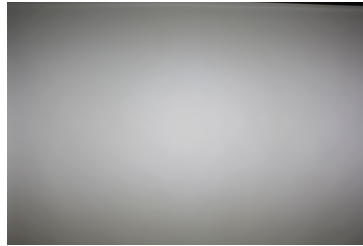
LED Fortimo LED Line VO 1ft MF 3R HV5
 FWHM / FWTM 92.0 + 45.0° / 132.0 + 115.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

PHILIPS

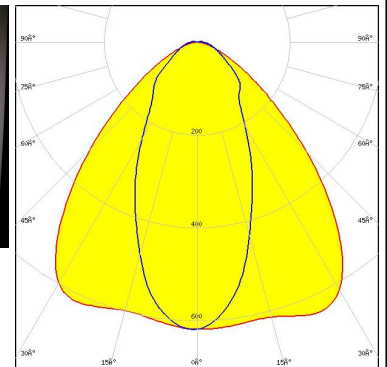
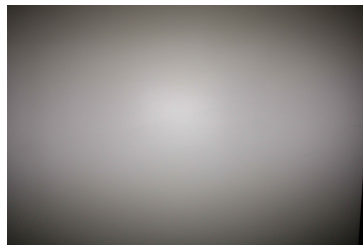
LED Fortimo LED Line 1ft 650lm 3R HV4 & LV4
 FWHM / FWTM 92.0 + 46.0° / 132.0 + 116.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

PHILIPS

LED Fortimo LED Line 1ft HF 3R HV5
 FWHM / FWTM 91.0 + 48.0° / 132.0 + 121.0°
 Efficiency 93 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

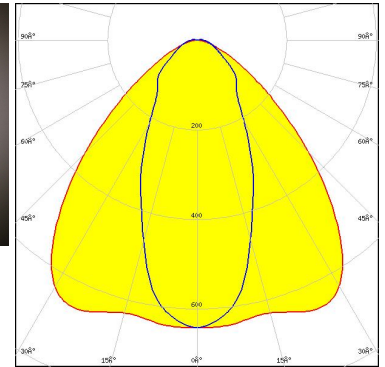
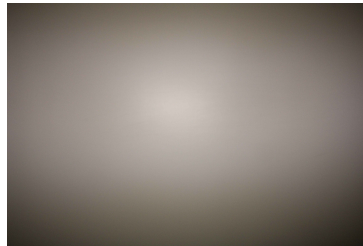


Light distribution files

OPTICAL RESULTS (MEASURED):

PHILIPS

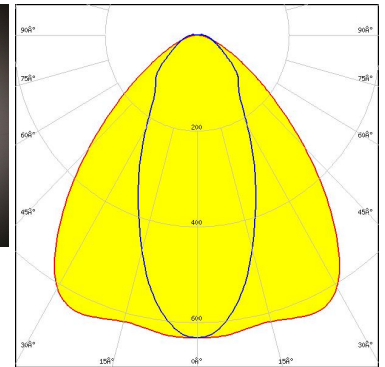
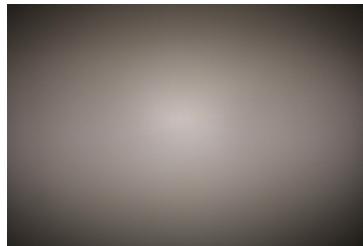
LED Fortimo LED Line 1ft LF 3R HV5 & LV5
 FWHM / FWTM 92.0 + 46.0° / 132.0 + 117.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

PHILIPS

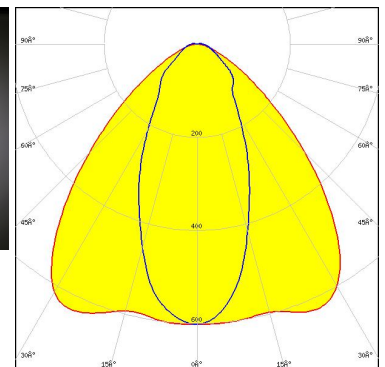
LED Fortimo LED Line 1ft MF 3R HV5 & LV5
 FWHM / FWTM 91.0 + 48.0° / 133.0 + 119.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



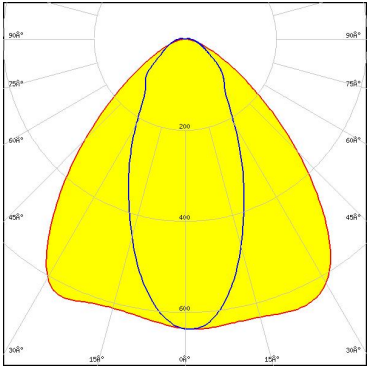
SAMSUNG

LED LM28xB Series
 FWHM / FWTM 92.0 + 46.0° / 131.0 + 112.0°
 Efficiency 87 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:




Light distribution files


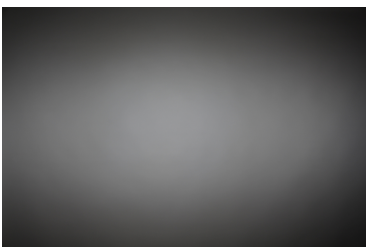
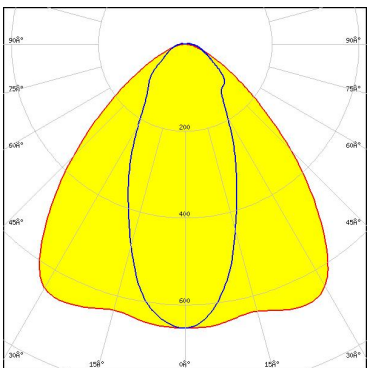
OPTICAL RESULTS (MEASURED):

 <small>SEOUL SEMICONDUCTOR</small>			
LED	SEOUL 3030		
FWHM / FWTM	91.0 + 47.0° / 131.0 + 116.0°		
Efficiency	92 %		
Peak intensity	0.6 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required components:			

Light distribution files

 <small>SEOUL SEMICONDUCTOR</small>			
LED	SEOUL 5630C		
FWHM / FWTM	92.0 + 44.0° / 132.0 + 111.0°		
Efficiency	92 %		
Peak intensity	0.7 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required components:			

Light distribution files

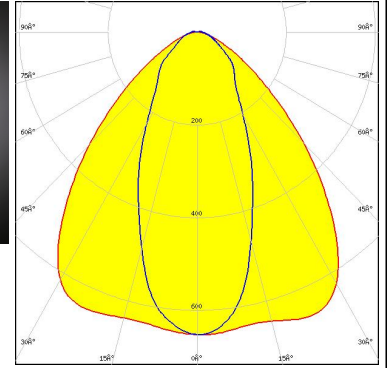
 <small>SEOUL SEMICONDUCTOR</small>			
LED	SEOUL DC 3030		
FWHM / FWTM	93.0 + 44.0° / 132.0 + 116.0°		
Efficiency	94 %		
Peak intensity	0.7 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required components:			

Light distribution files

OPTICAL RESULTS (MEASURED):

TRIDONIC

LED LLE G2 55x280mm 2000lm
FWHM / FWTM 91.0 + 46.0° / 132.0 + 114.0°
Efficiency 94 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

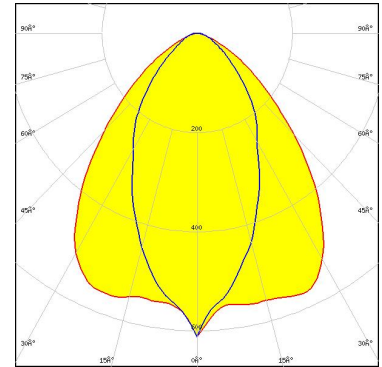


Light distribution files

OPTICAL RESULTS (SIMULATED):



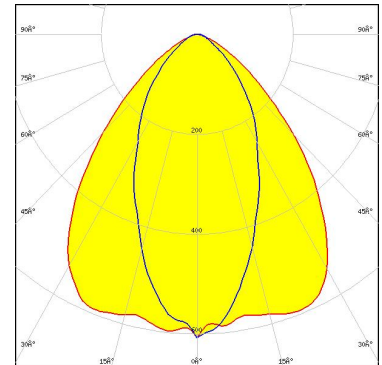
LED J Series 5050 6V P Class
FWHM / FWTM 87.0 + 51.0° / 129.0 + 113.0°
Efficiency 92 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



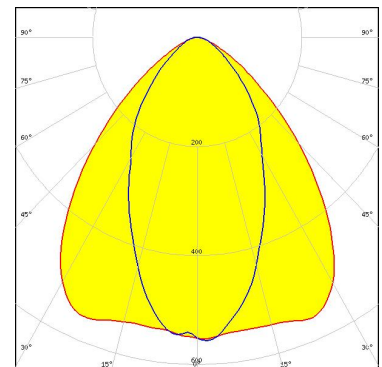
LED LUXEON 5050 Round LES
FWHM / FWTM 88.0 + 51.0° / 126.0 + 109.0°
Efficiency 90 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON 5050 Square LES
FWHM / FWTM 90.0 + 55.0° / 128.0 + 115.0°
Efficiency 90 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

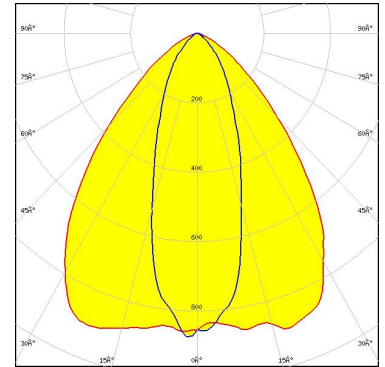


Light distribution files

OPTICAL RESULTS (SIMULATED):



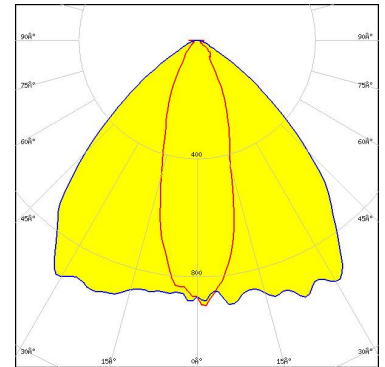
LED NFSx757G
FWHM / FWTM 83.0 + 35.0° / 122.0 + 86.0°
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:



Light distribution files



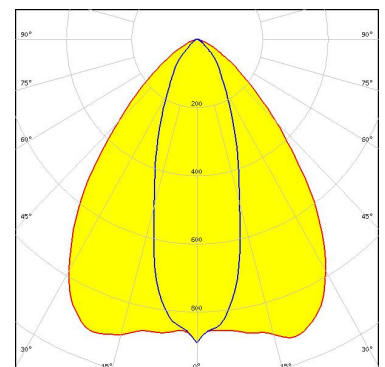
LED NVSxE21A
FWHM / FWTM 93.0 + 28.0° / 121.0 + 71.0°
Efficiency 92 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED DURIS S5 (Single chip)
FWHM / FWTM 82.0 + 34.0° / 120.0 + 84.0°
Efficiency 92 %
Peak intensity 0.9 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:

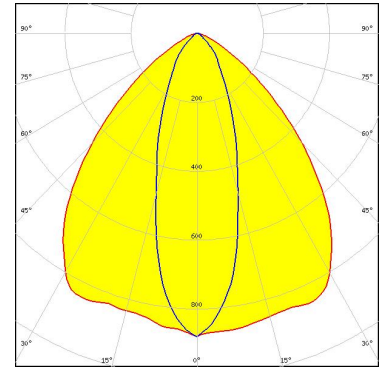


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

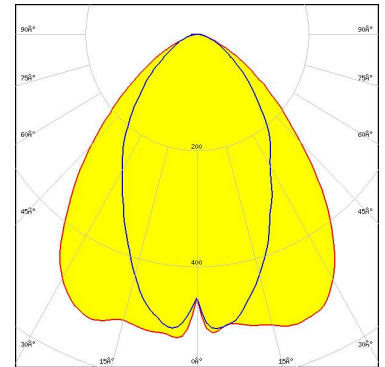
LED DURIS S5 (Single chip)
FWHM / FWTM 90.0 + 32.0° / 125.0 + 82.0°
Efficiency 92 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

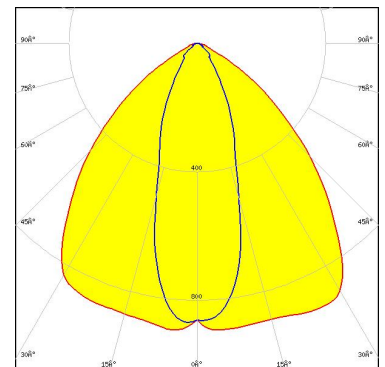
LED Duris S8
FWHM / FWTM 90.0 + 63.0° / 132.0 + 125.0°
Efficiency 92 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSCONIQ C 2424 Gen1
FWHM / FWTM 92.0 + 33.0° / 124.0 + 73.0°
Efficiency 95 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

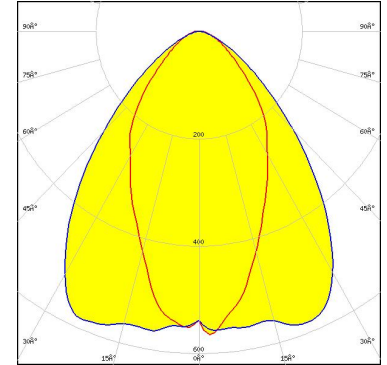


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

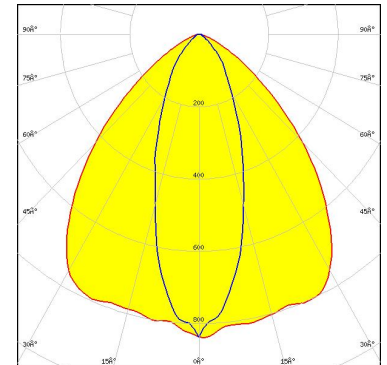
LED LM301B
FWHM / FWTM 86.0 + 56.0° / 128.0 + 119.0°
Efficiency 92 %
Peak intensity 0.6 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:



Light distribution files

SAMSUNG

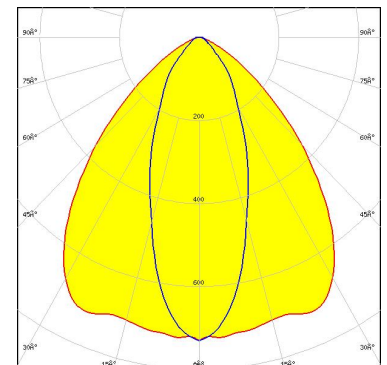
LED LM301B
FWHM / FWTM 90.0 + 35.0° / 126.0 + 87.0°
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LM301D
FWHM / FWTM 90.0 + 40.0° / 126.0 + 92.0°
Efficiency 90 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

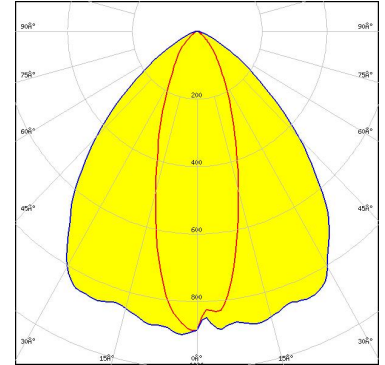


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

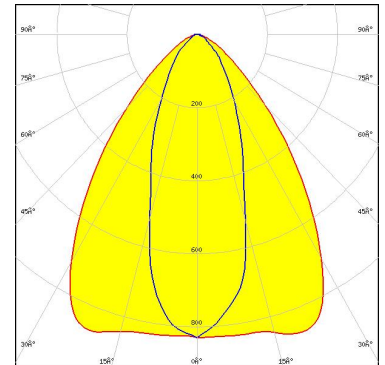
LED LM302B
FWHM / FWTM 90.0 + 33.0° / 124.0 + 79.0°
Efficiency 92 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

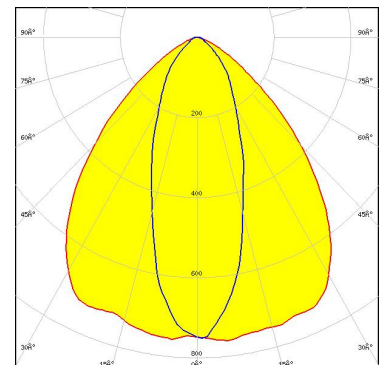
LED LM302Z plus
FWHM / FWTM 78.0 + 37.0° / 117.0 + 91.0°
Efficiency 93 %
Peak intensity 0.9 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LM561B Plus
FWHM / FWTM 90.0 + 37.0° / 126.0 + 95.0°
Efficiency 91 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

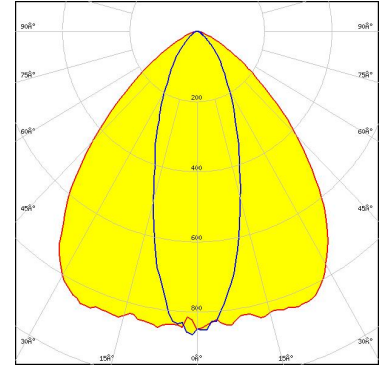


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

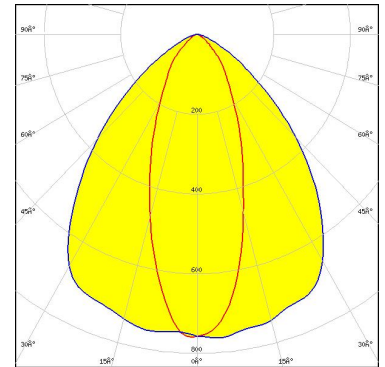
LED LM561C
 FWHM / FWTM 90.0 + 35.0° / 125.0 + 84.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



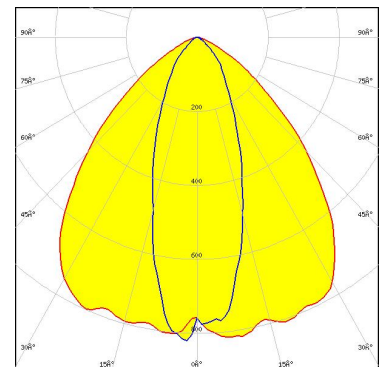
LED SEOUL 5630D
 FWHM / FWTM 87.0 + 37.0° / 126.0 + 90.0°
 Efficiency 89 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED SEOUL DC 3030C
 FWHM / FWTM 92.0 + 36.0° / 128.0 + 87.0°
 Efficiency 94 %
 Peak intensity 0.9 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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