

FLORENCE-3R-IP-O

~85° + 40° oval beam

SPECIFICATION:

Dimensions	321.0 x 79.0
Height	9.4 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes ⓘ

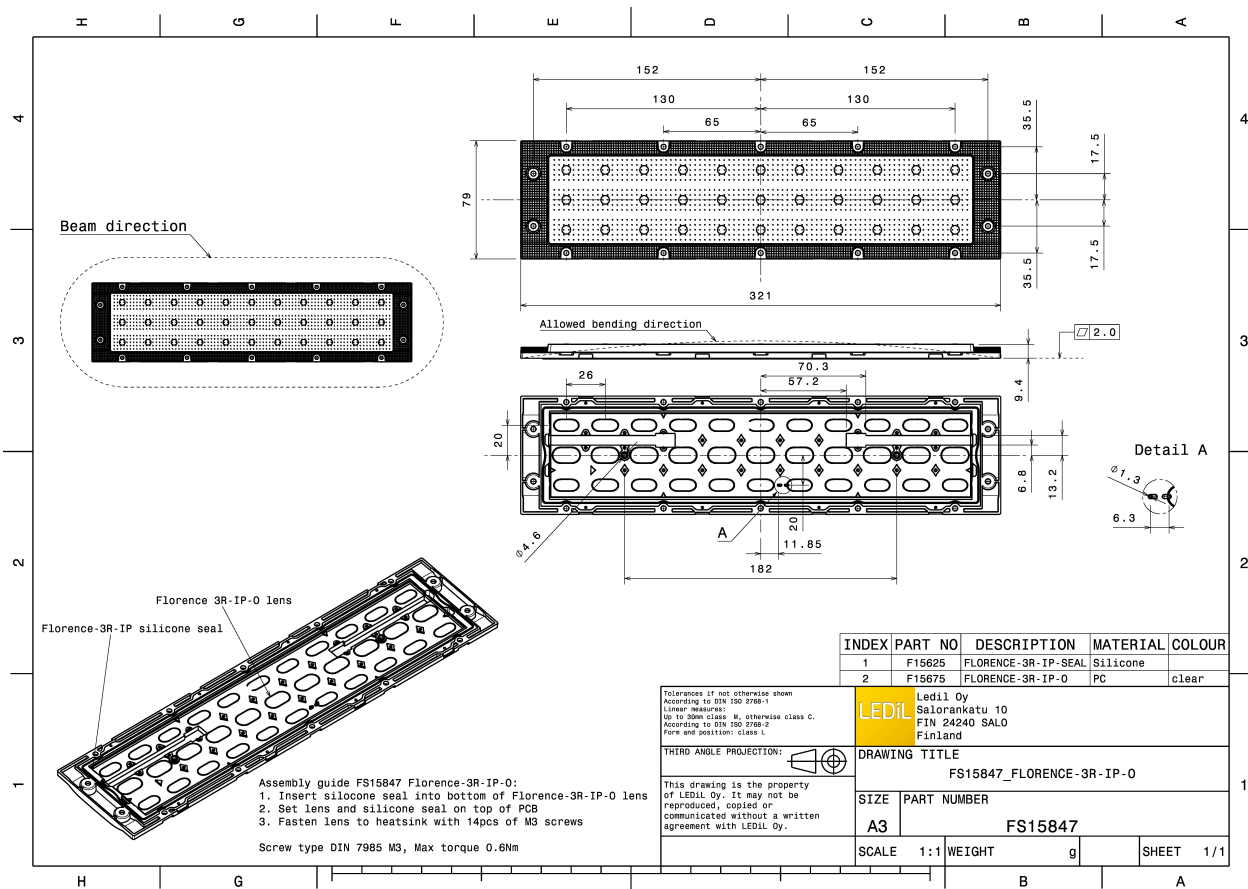
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
FLORENCE-3R-IP-O	Linear lens	PC	clear		
FLORENCE-3R-IP-SEAL	Seal	Silicone	clear		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FS15847_FLORENCE-3R-IP-O	Linear lens	80	80	4	11.8
» Box size: 356 x 356 x 292 mm					



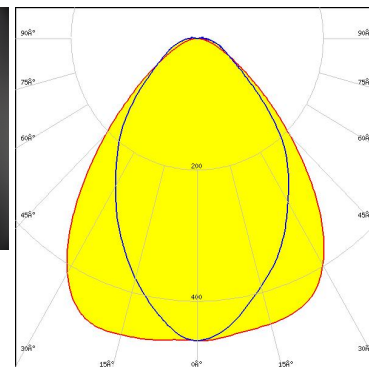
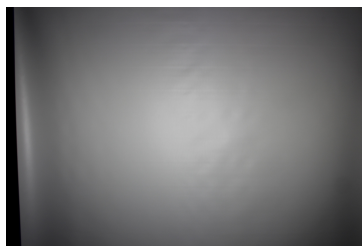


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



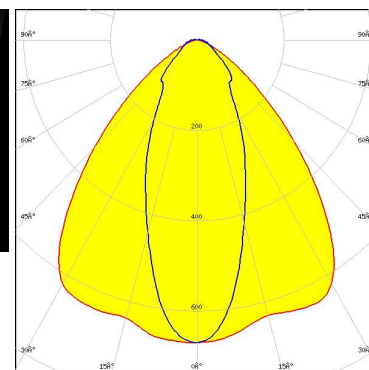
LED LUXEON 5050 Round LES
 FWHM / FWTM 86.0 + 72.0° / 128.0 + 136.0°
 Efficiency 86 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



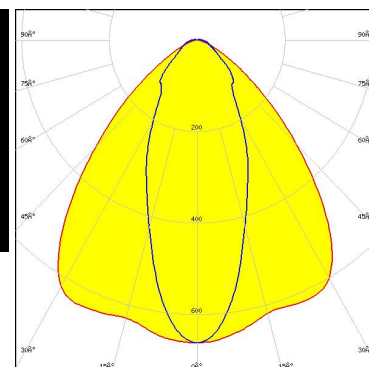
LED LinLED 280x55mm 1100lm 840 3x11 33V Opt G2
 FWHM / FWTM 88.5 + 40.0° / 125.0 + 105.5°
 Efficiency 85 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LinLED 280x55mm 2000lm 830 33V Opt G1
 FWHM / FWTM 89.0 + 41.0° / 125.0 + 106.5°
 Efficiency 85 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

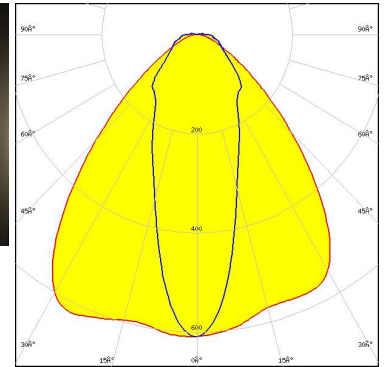
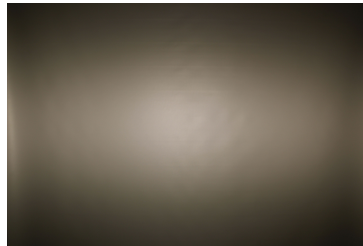


Light distribution files

OPTICAL RESULTS (MEASURED):



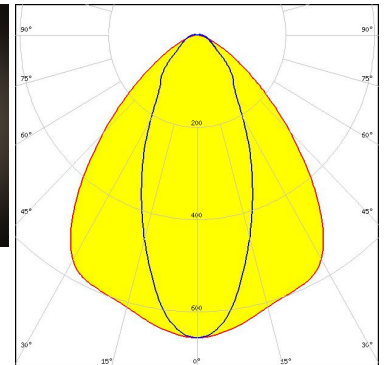
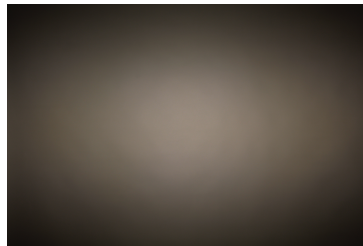
LED Duris S2
 FWHM / FWTM 88.0 + 33.5° / 127.0 + 123.5°
 Efficiency 81 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



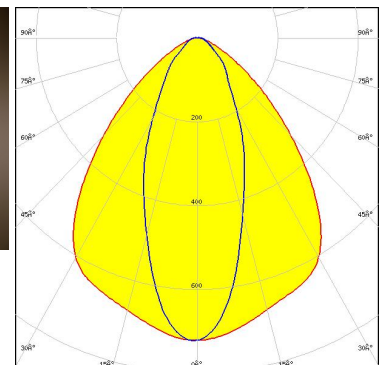
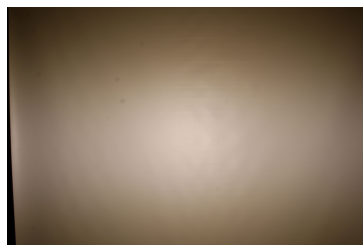
LED SEOUL 3030
 FWHM / FWTM 87.0 + 45.0° / 126.0 + 103.0°
 Efficiency 86 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED SEOUL 5630C
 FWHM / FWTM 87.0 + 41.0° / 127.0 + 99.0°
 Efficiency 87 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

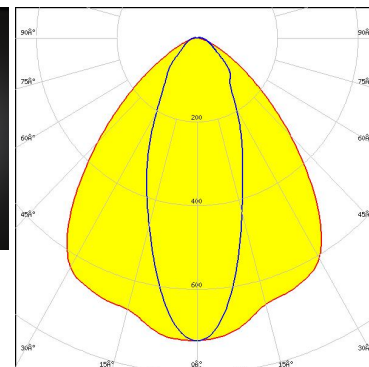
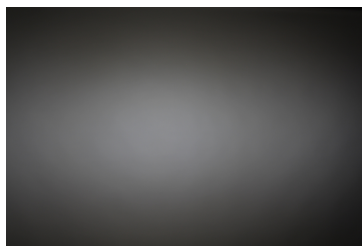


Light distribution files

OPTICAL RESULTS (MEASURED):



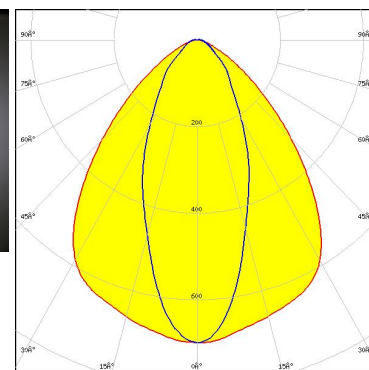
LED SEOUL DC 3030
 FWHM / FWTM 88.0 + 39.0° / 127.0 + 101.0°
 Efficiency 88 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

TRIDONIC

LED LLE G2 55x280mm 2000lm
 FWHM / FWTM 87.0 + 43.0° / 127.0 + 101.0°
 Efficiency 88 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

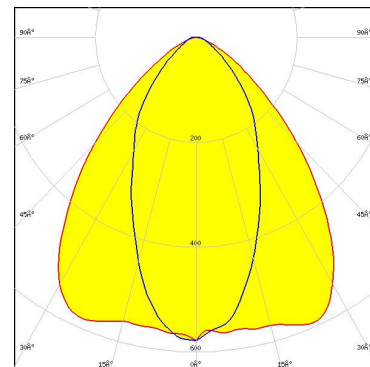


Light distribution files

OPTICAL RESULTS (SIMULATED):



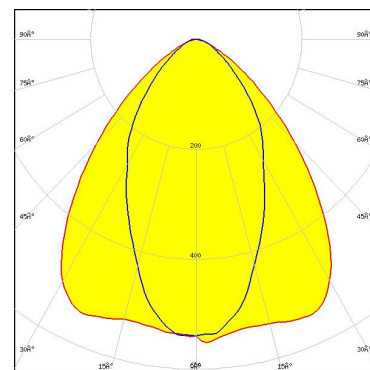
LED J Series 5050 Round LES
 FWHM / FWTM 88.0 + 52.0° / 126.0 + 109.0°
 Efficiency 89 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



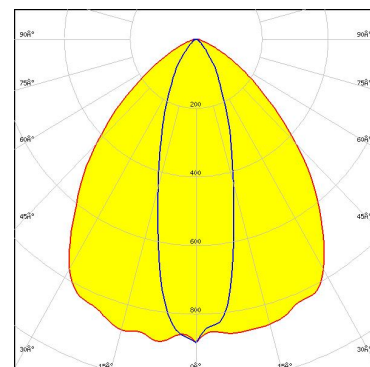
LED J Series 5050B 6V K Class
 FWHM / FWTM 88.0 + 57.0° / 126.0 + 116.0°
 Efficiency 89 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON CZ
 FWHM / FWTM 89.0 + 30.0° / 128.0 + 74.0°
 Efficiency 87 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

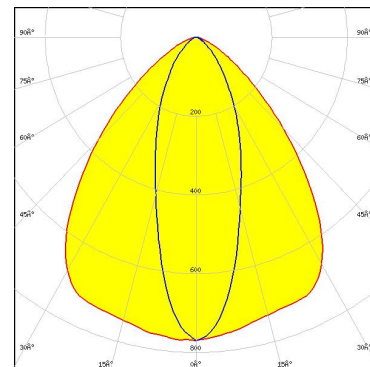


Light distribution files

OPTICAL RESULTS (SIMULATED):



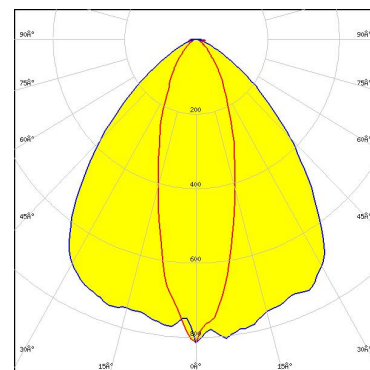
LED NF2x757D
 FWHM / FWTM 86.0 + 34.0° / 126.0 + 89.0°
 Efficiency 87 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



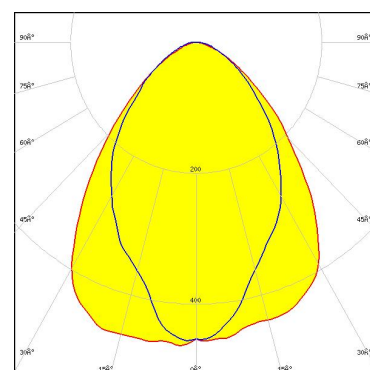
LED NVSxE21A
 FWHM / FWTM 30.0 + 87.0° / 81.0 + 124.0°
 Efficiency 86 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Duris S10
 FWHM / FWTM 85.0 + 72.0° / 131.0 + 133.0°
 Efficiency 84 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

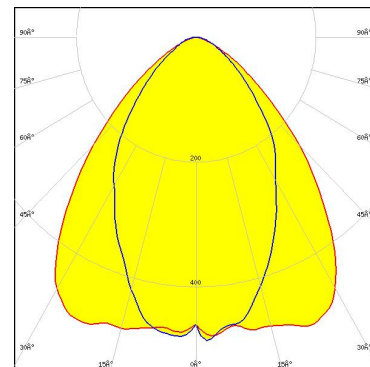


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

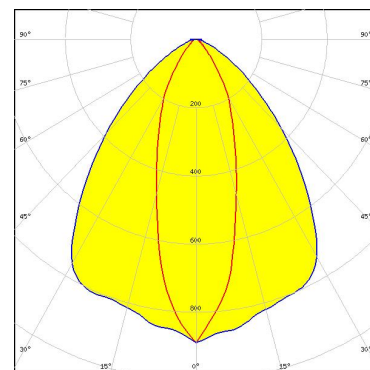
LED Duris S8
FWHM / FWTM 89.0 + 67.0° / 128.0 + 122.0°
Efficiency 88 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

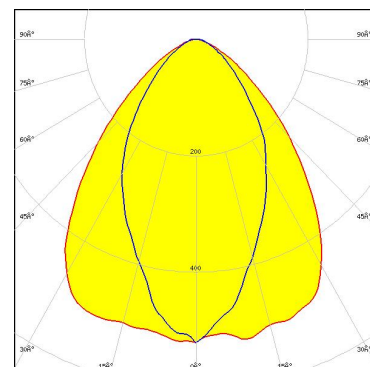
LED OSCONIQ P 3030
FWHM / FWTM 32.0 + 85.0° / 77.0 + 125.0°
Efficiency 89 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LH502D
FWHM / FWTM 87.0 + 59.0° / 129.0 + 119.0°
Efficiency 86 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

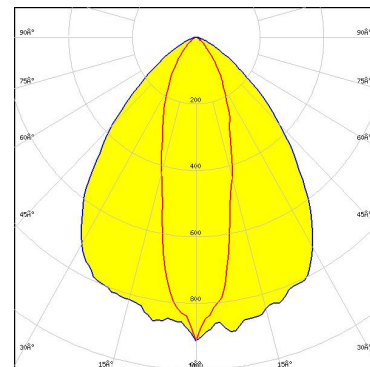


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

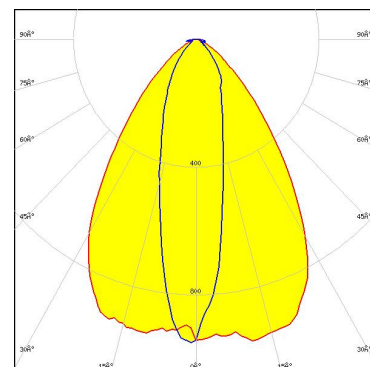
LED	LM302B
FWHM / FWTM	82.0 + 28.0° / 128.0 + 78.0°
Efficiency	86 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

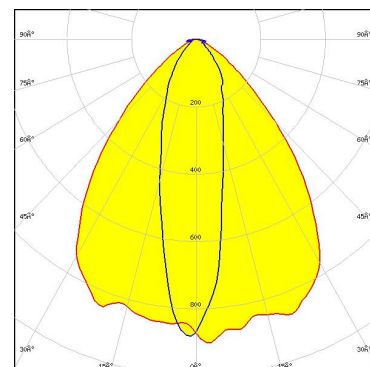
LED	LM302Z
FWHM / FWTM	73.0 + 27.0° / 114.0 + 83.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LM302Z
FWHM / FWTM	82.0 + 25.0° / 119.0 + 84.0°
Efficiency	88 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

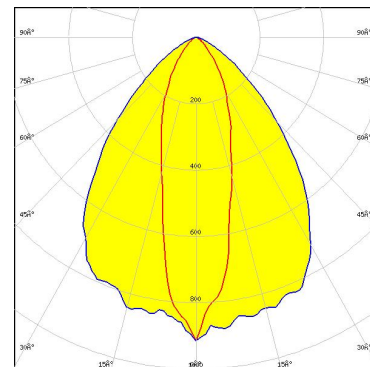


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

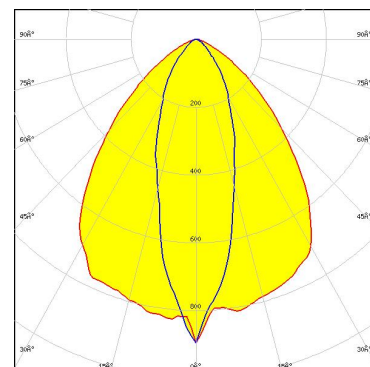
LED	LM561B Plus
FWHM / FWTM	82.0 + 28.0° / 121.0 + 79.0°
Efficiency	86 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



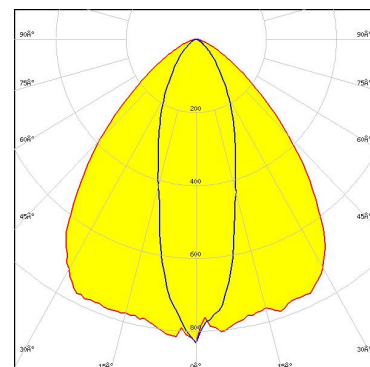
LED	SEOUL DC 3030C
FWHM / FWTM	84.0 + 30.0° / 125.0 + 85.0°
Efficiency	92 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

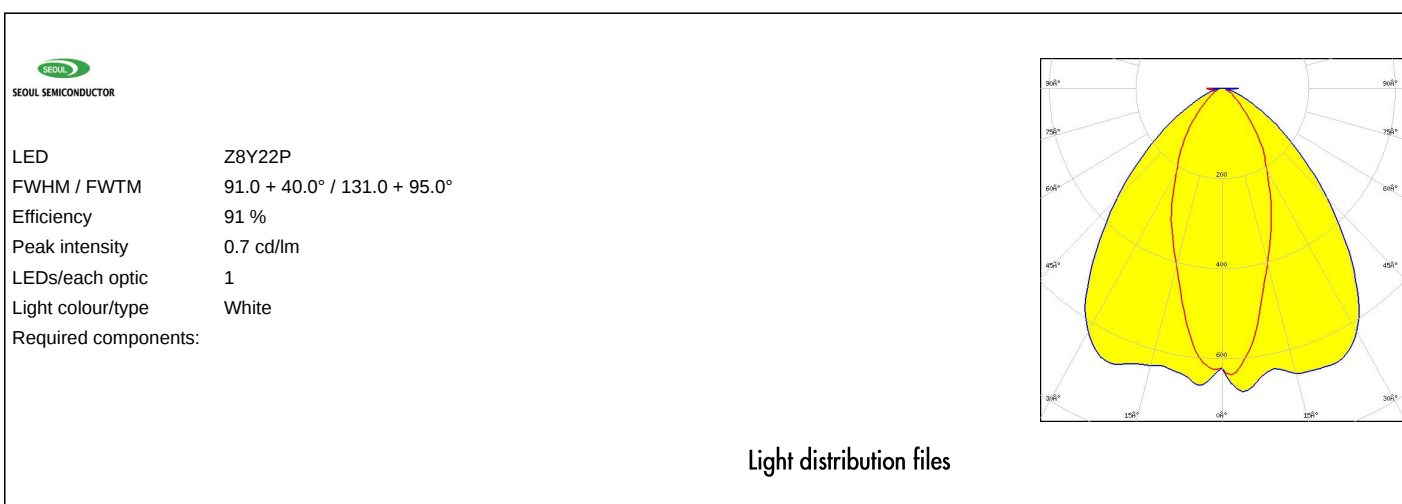
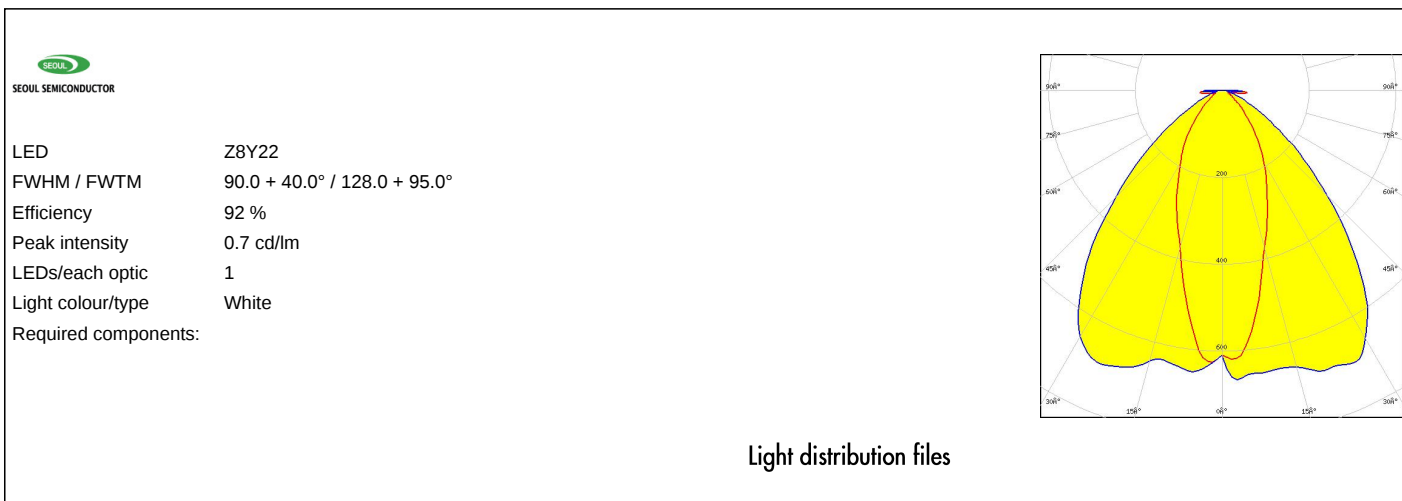


LED	SEOUL DC 3528
FWHM / FWTM	87.0 + 31.0° / 125.0 + 84.0°
Efficiency	88 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OPTICAL RESULTS (SIMULATED):



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:

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