

FLORENCE-O

~85° + 35° oval beam

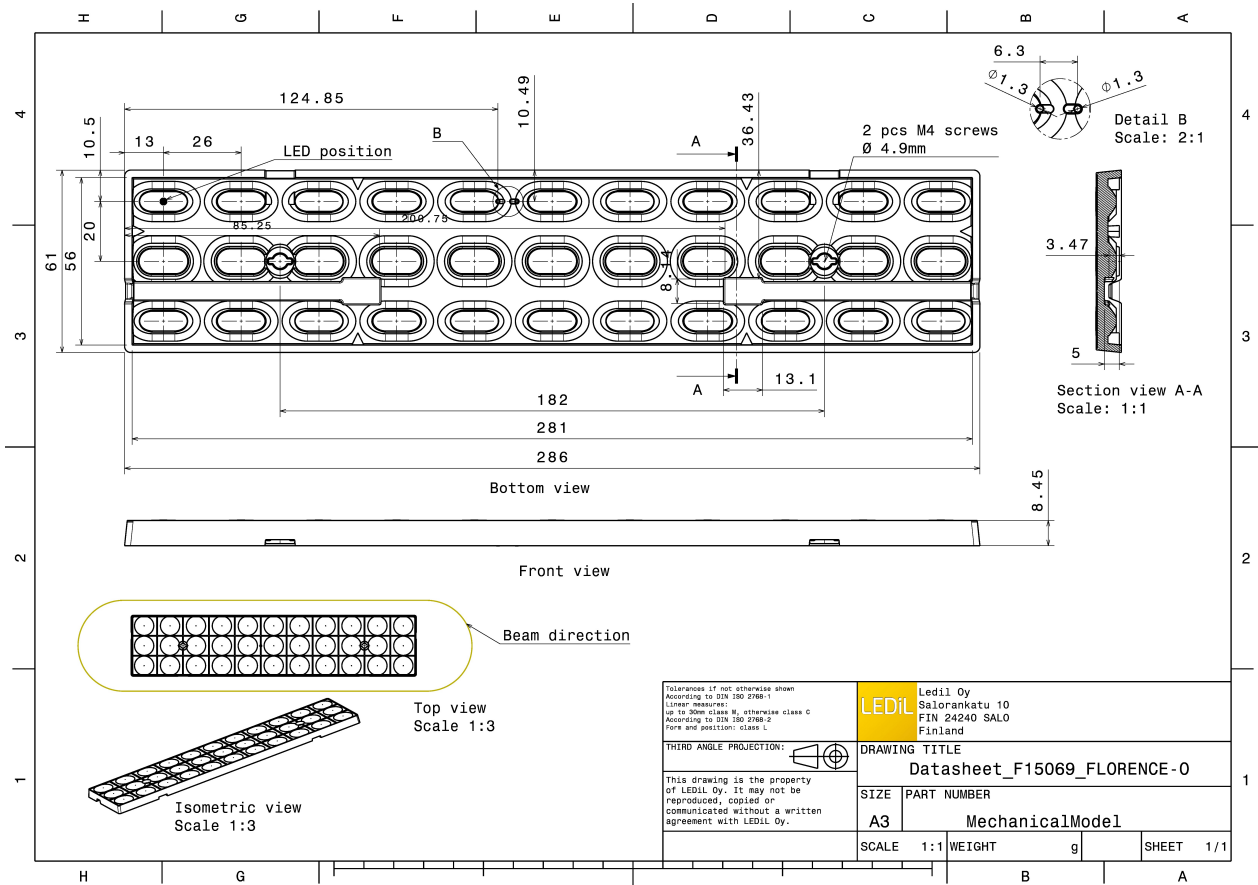
TECHNICAL SPECIFICATIONS:

Dimensions	61.0 x 286.0 mm
Height	8.5 mm
Fastening	screw
Colour	clear
Box size	398 x 298 x 140 mm
Box weight	7.5 kg
Quantity in Box	72 pcs
ROHS compliant	yes ⓘ


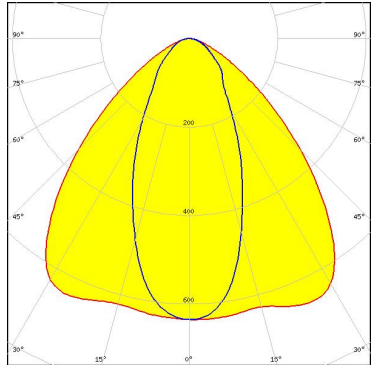
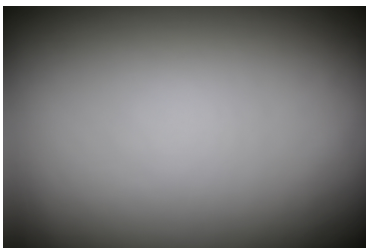
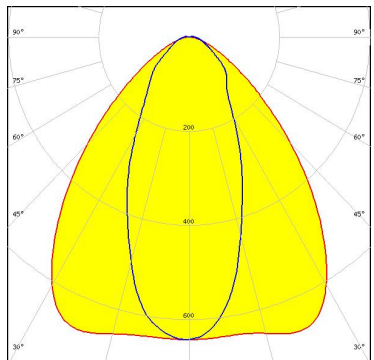

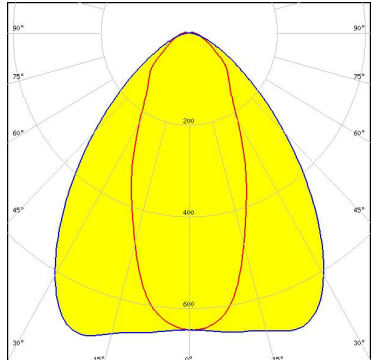
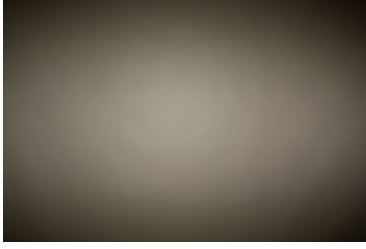
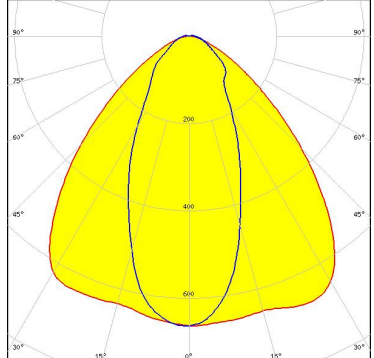


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
FLORENCE-O	Linear lens	PMMA	clear



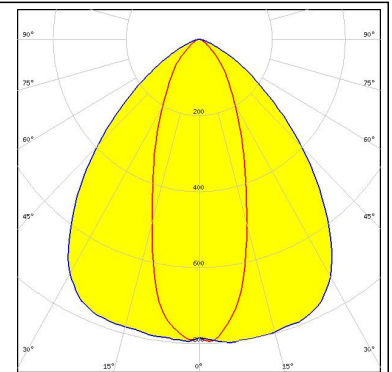
PHOTOMETRIC DATA (MEASURED):

<p>COMET ELECTRONICS</p> <p>LED TRIDINO R3 8x0 1100 1ft HV FWHM 94.0 + 45.0° Efficiency 88 % Peak intensity 0.660 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LG Innotek</p> <p>LED LG 6030 FWHM 89.0 + 46.0° Efficiency 82 % Peak intensity 0.670 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LG Innotek</p> <p>LED LG 7030 FWHM 88.0 + 47.0° Efficiency 94 % Peak intensity 0.700 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON XR-3535L (L202 - xxx033C30001) FWHM 93.0 + 45.0° Efficiency 94 % Peak intensity 0.700 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

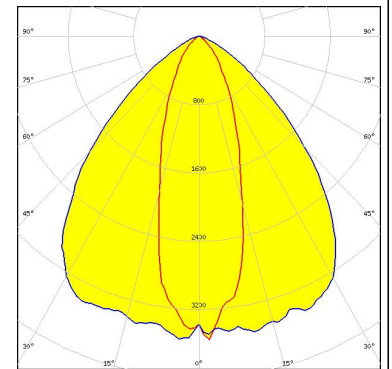
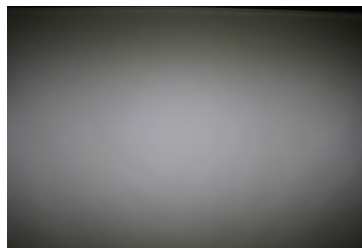
OSRAM
Opto Semiconductors

LED Duris E5
FWHM 91.0 + 46.0°
Efficiency 92 %
Peak intensity 0.650 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

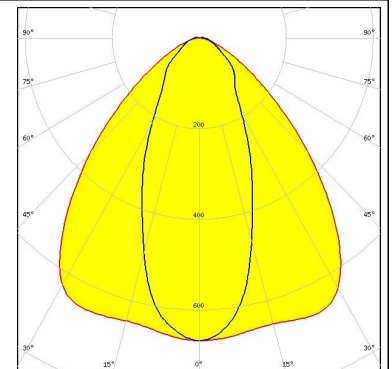
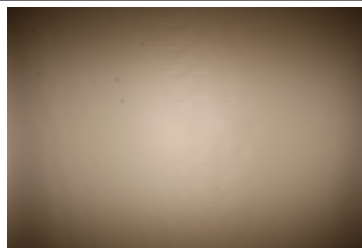
LED LM28xB Series
FWHM 92.0 + 46.0°
Efficiency 87 %
Peak intensity 0.630 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOL

SEOUL SEMICONDUCTOR

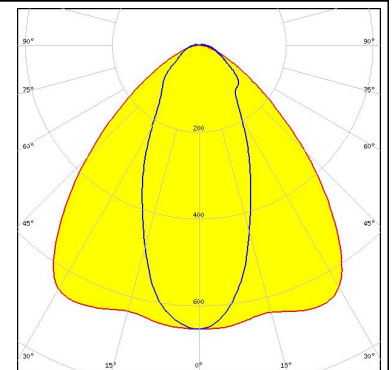
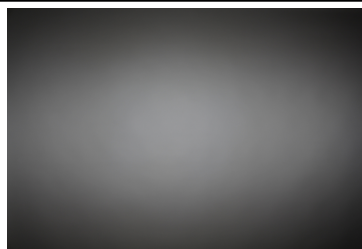
LED SEOUL 5630C
FWHM 92.0 + 44.0°
Efficiency 92 %
Peak intensity 0.670 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOL

SEOUL SEMICONDUCTOR

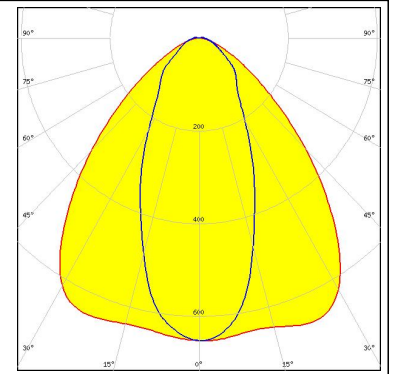
LED SunLike 3030
FWHM 93.0 + 44.0°
Efficiency 94 %
Peak intensity 0.660 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

TRIDONIC

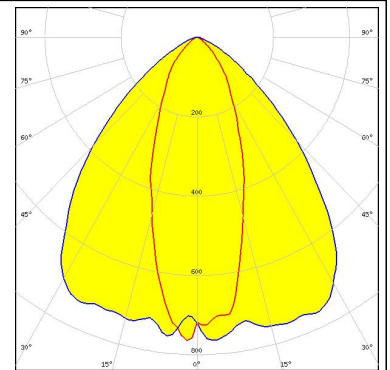
LED LLE G2 55mm 2000lm
FWHM 91.0 + 46.0°
Efficiency 94 %
Peak intensity 0.660 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

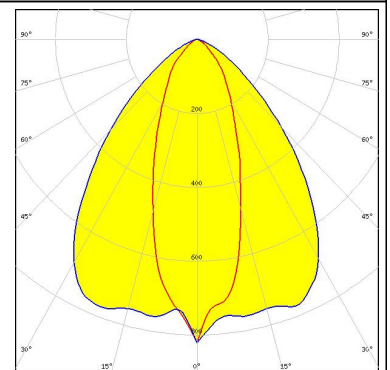
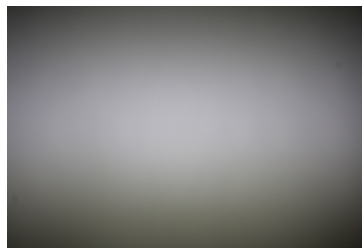
LG Innotek

LED LG 5630
 FWHM 90.0 + 37.0°
 Efficiency 89 %
 Peak intensity 0.760 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



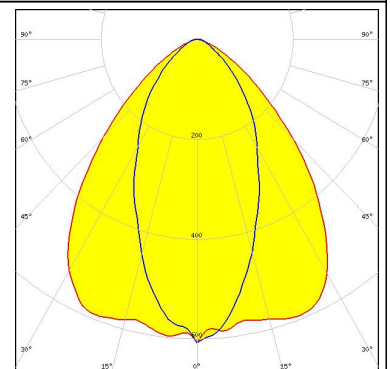
LG Innotek

LED LG 6030
 FWHM 84.0 + 35.0°
 Efficiency 89 %
 Peak intensity 0.820 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



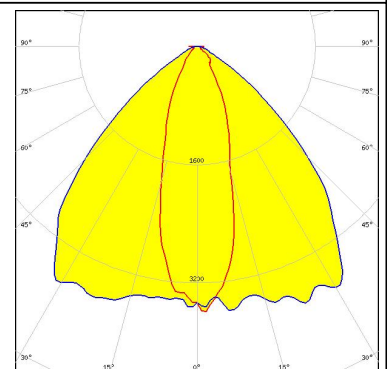
LUMILEDS

LED LUXEON 5050
 FWHM 88.0 + 51.0°
 Efficiency 90 %
 Peak intensity 0.610 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

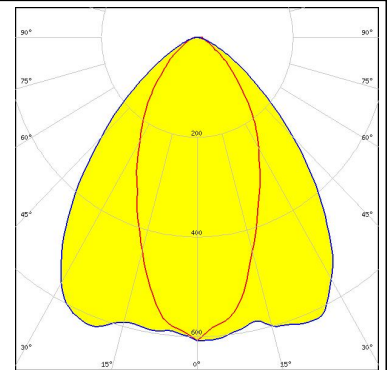
LED NVSxE21A
 FWHM 93.0 + 28.0°
 Efficiency 92 %
 Peak intensity 0.940 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

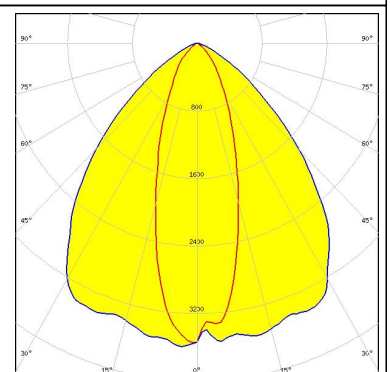
OSRAM Opto Semiconductors

LED Duris S8
FWHM 88.0 + 50.0°
Efficiency 90 %
Peak intensity 0.620 cd/lm
LEDs/each optic 1
Light colour White
Required components:



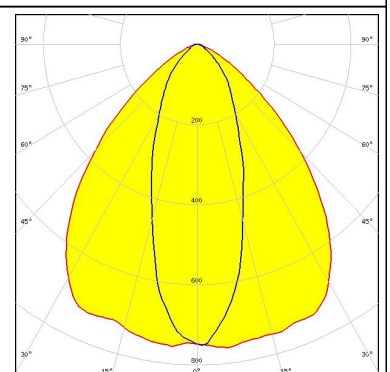
SAMSUNG

LED LM302B
FWHM 90.0 + 33.0°
Efficiency 92 %
Peak intensity 0.920 cd/lm
LEDs/each optic 1
Light colour White
Required components:



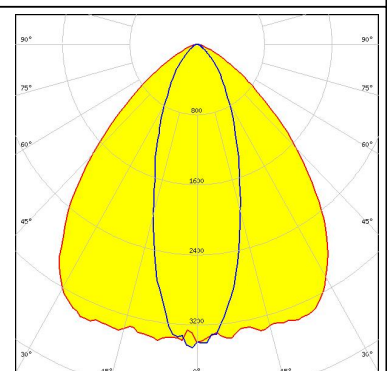
SAMSUNG

LED LM561B Plus
FWHM 90.0 + 37.0°
Efficiency 91 %
Peak intensity 0.770 cd/lm
LEDs/each optic 1
Light colour White
Required components:

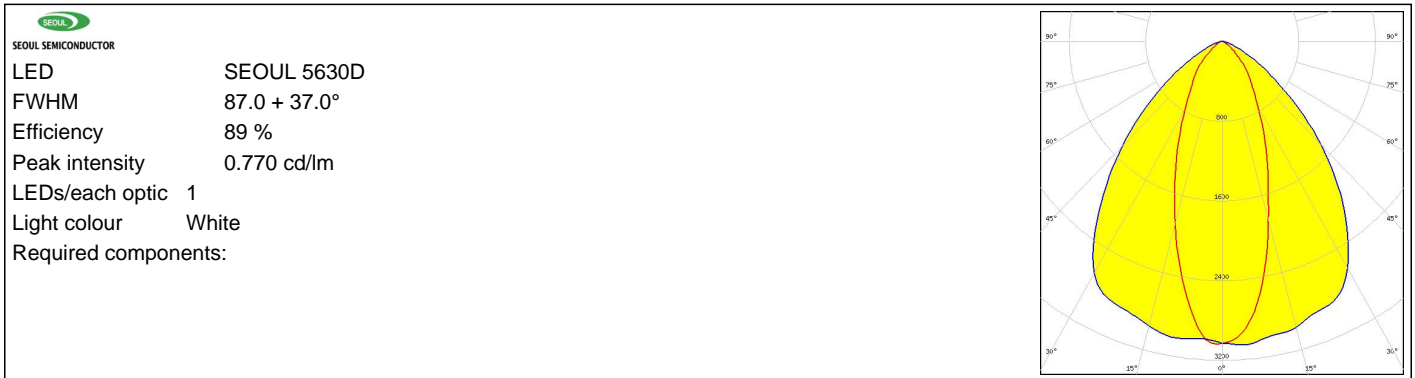


SAMSUNG

LED LM561C
FWHM 90.0 + 35.0°
Efficiency 94 %
Peak intensity 0.890 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (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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