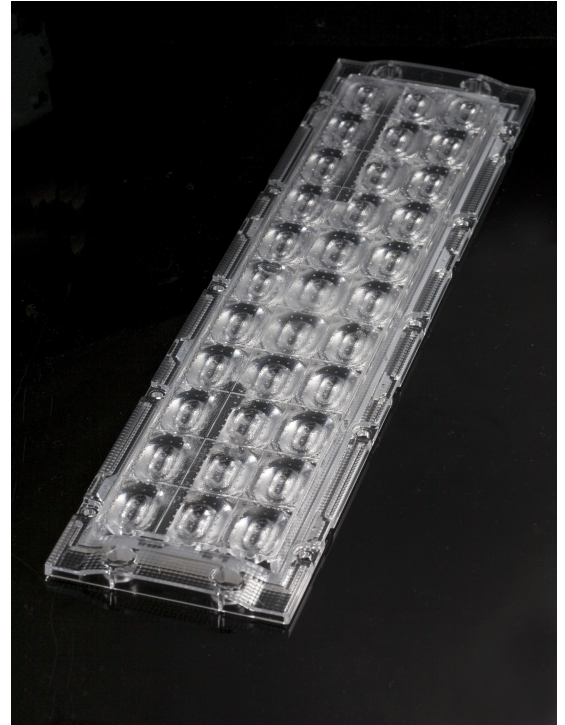


## FLORENCE-3R-IP-O

~85° + 40° oval beam

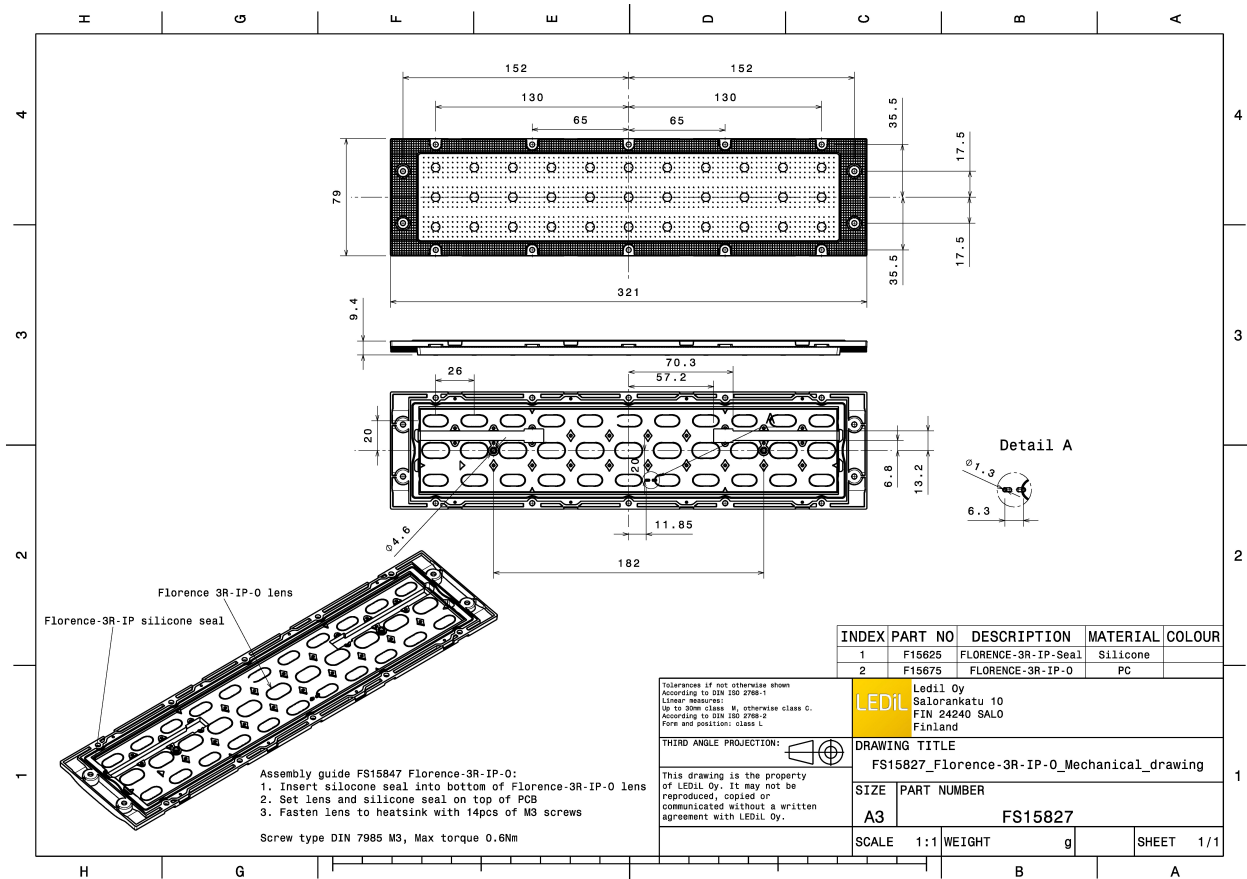
### TECHNICAL SPECIFICATIONS:

Dimensions	321.0 x 79.0 mm
Height	9.4 mm
Fastening	screw
Colour	clear
Box size	356 x 356 x 292 mm
Box weight	13 kg
Quantity in Box	80 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

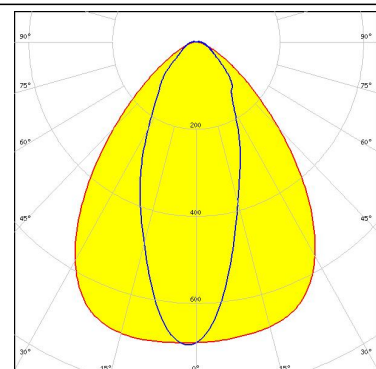
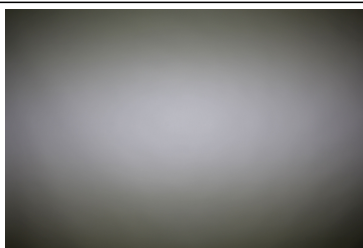
Component	Type	Material	Colour
FLORENCE-3R-IP-O	Linear lens	PC	clear
FLORENCE-3R-IP-SEAL	Seal	Silicone	clear



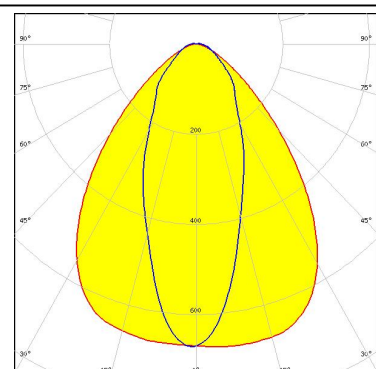
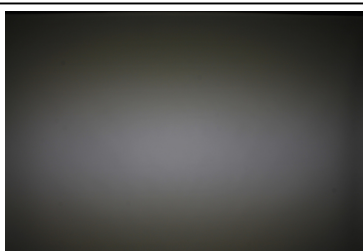
#### PHOTOMETRIC DATA (MEASURED):



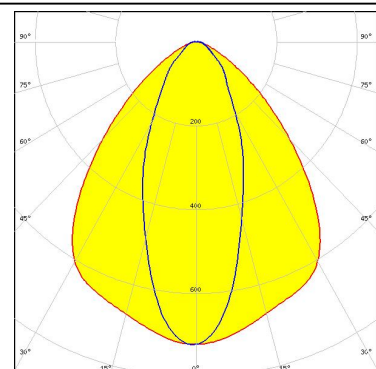
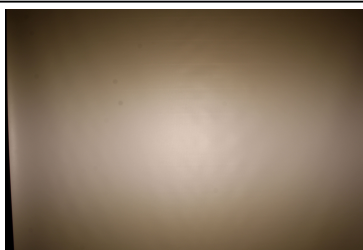
LED LG 6030  
FWHM 83.0 + 40.0°  
Efficiency 85 %  
Peak intensity 0.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



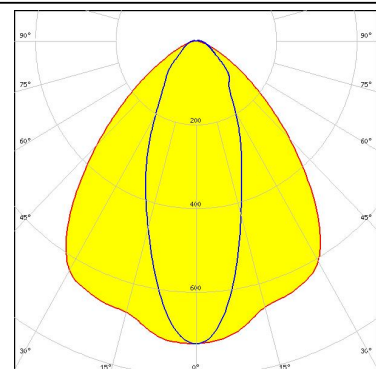
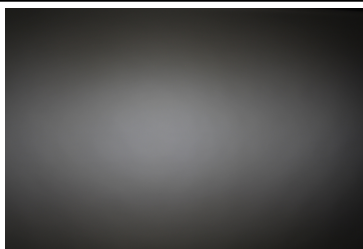
LED PLG2-BAR-1100-xxx-280x55-DC  
FWHM 84.0 + 40.0°  
Efficiency 86 %  
Peak intensity 0.680 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED SEOUL 5630C  
FWHM 87.0 + 41.0°  
Efficiency 87 %  
Peak intensity 0.720 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



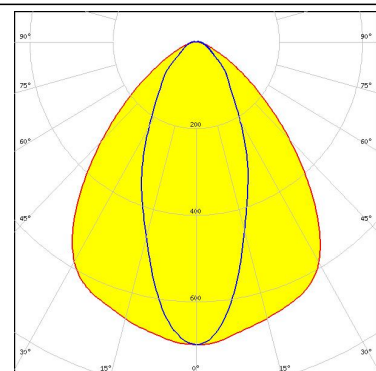
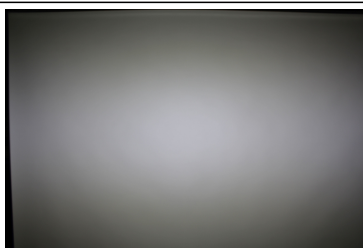
LED SunLike 3030  
FWHM 88.0 + 39.0°  
Efficiency 88 %  
Peak intensity 0.720 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

#### TRIDONIC

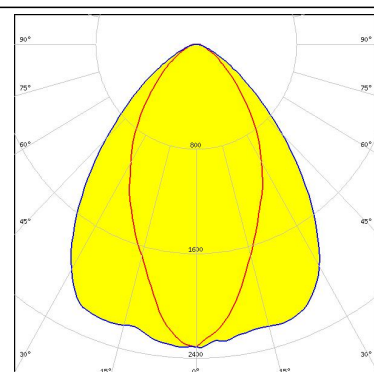
LED LLE G2 55mm 2000lm  
FWHM 87.0 + 43.0°  
Efficiency 88 %  
Peak intensity 0.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



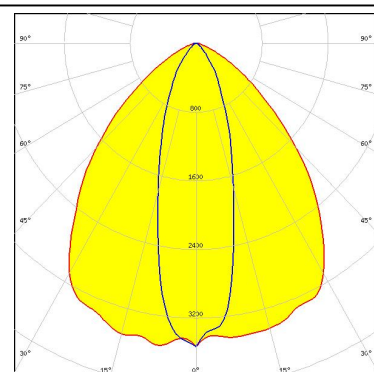
#### PHOTOMETRIC DATA (SIMULATED):



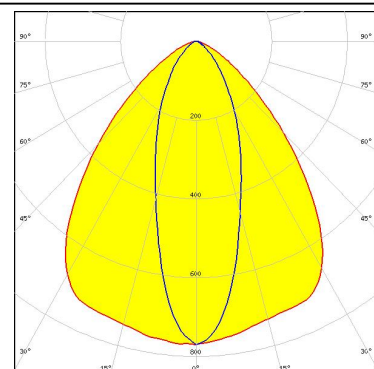
LED LUXEON 5050  
FWHM 85.0 + 54.0°  
Efficiency 88 %  
Peak intensity 0.590 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



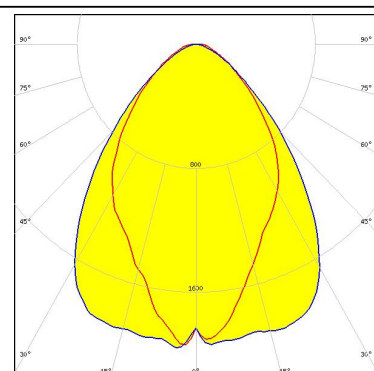
LED LUXEON CZ  
FWHM 89.0 + 30.0°  
Efficiency 87 %  
Peak intensity 0.890 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NF2x757D  
FWHM 86.0 + 34.0°  
Efficiency 87 %  
Peak intensity 0.780 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED Duris S10  
FWHM 84.0 + 70.0°  
Efficiency 86 %  
Peak intensity 0.490 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

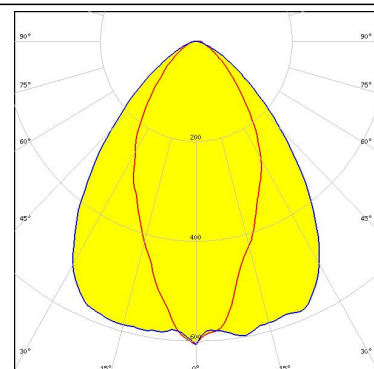


#### PHOTOMETRIC DATA (SIMULATED):

##### OSRAM

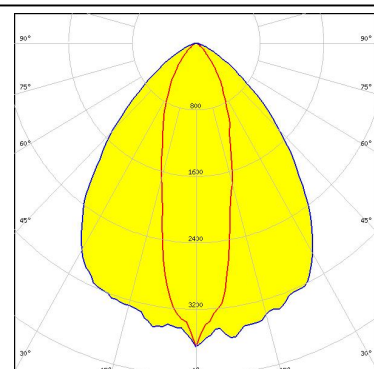
Opto Semiconductors

LED Duris S8  
FWHM 84.0 + 51.0°  
Efficiency 88 %  
Peak intensity 0.620 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



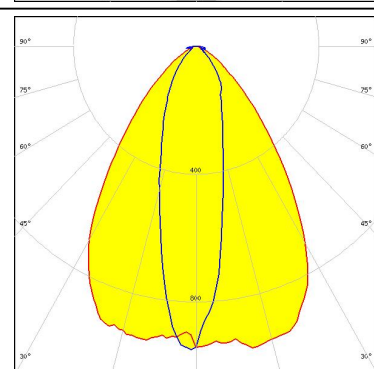
##### SAMSUNG

LED LM302B  
FWHM 82.0 + 28.0°  
Efficiency 86 %  
Peak intensity 0.920 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



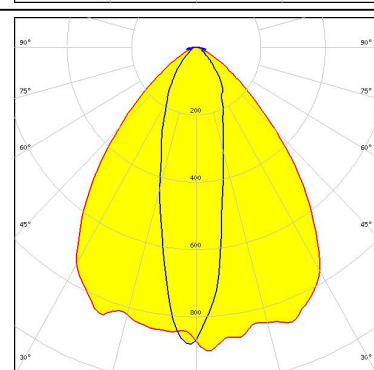
##### SAMSUNG

LED LM302Z  
FWHM 73.0 + 27.0°  
Efficiency 88 %  
Peak intensity 0.960 cd/lm  
LEDs/each optic 2  
Light colour White  
Required components:



##### SAMSUNG

LED LM302Z  
FWHM 82.0 + 25.0°  
Efficiency 88 %  
Peak intensity 0.910 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

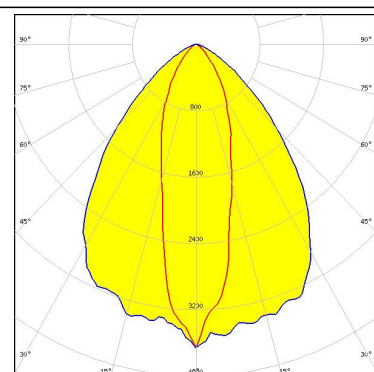




#### PHOTOMETRIC DATA (SIMULATED):

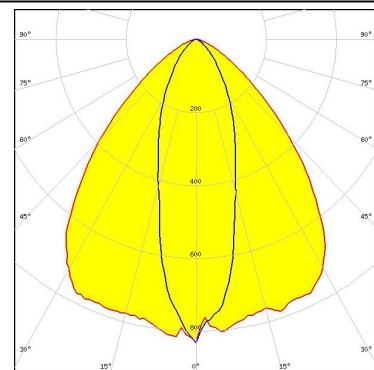
#### SAMSUNG

LED LM561B Plus  
FWHM 82.0 + 28.0°  
Efficiency 86 %  
Peak intensity 0.930 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



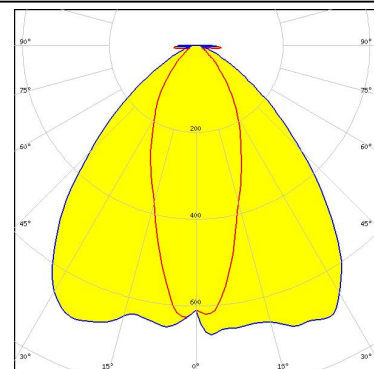
#### SEOUL SEMICONDUCTOR

LED SEOUL DC 3528  
FWHM 87.0 + 31.0°  
Efficiency 88 %  
Peak intensity 0.840 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



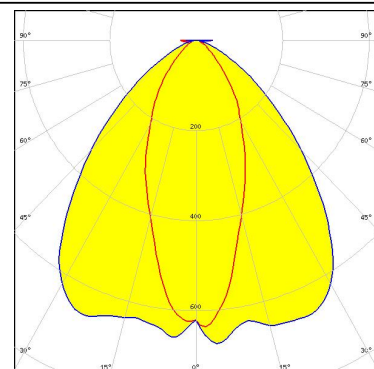
#### SEOUL SEMICONDUCTOR

LED Z8Y22  
FWHM 90.0 + 40.0°  
Efficiency 92 %  
Peak intensity 0.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### SEOUL SEMICONDUCTOR

LED Z8Y22P  
FWHM 91.0 + 40.0°  
Efficiency 91 %  
Peak intensity 0.680 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:

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