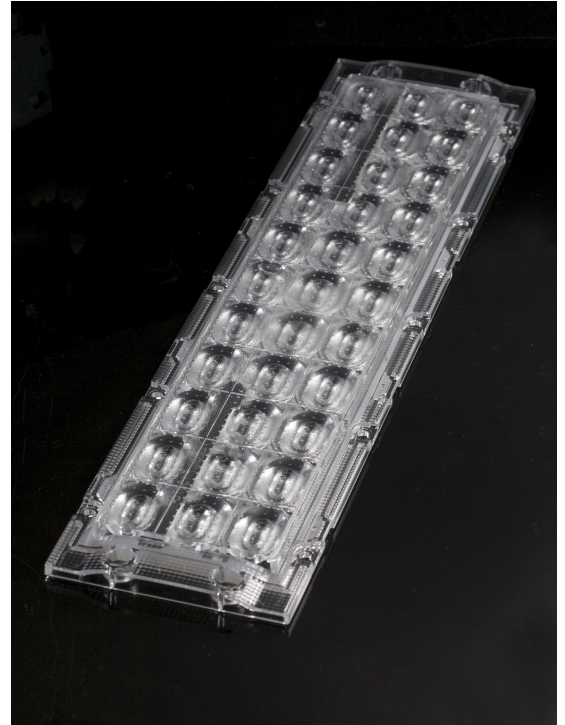


## FLORENCE-3R-IP-O

~85° + 40° oval beam

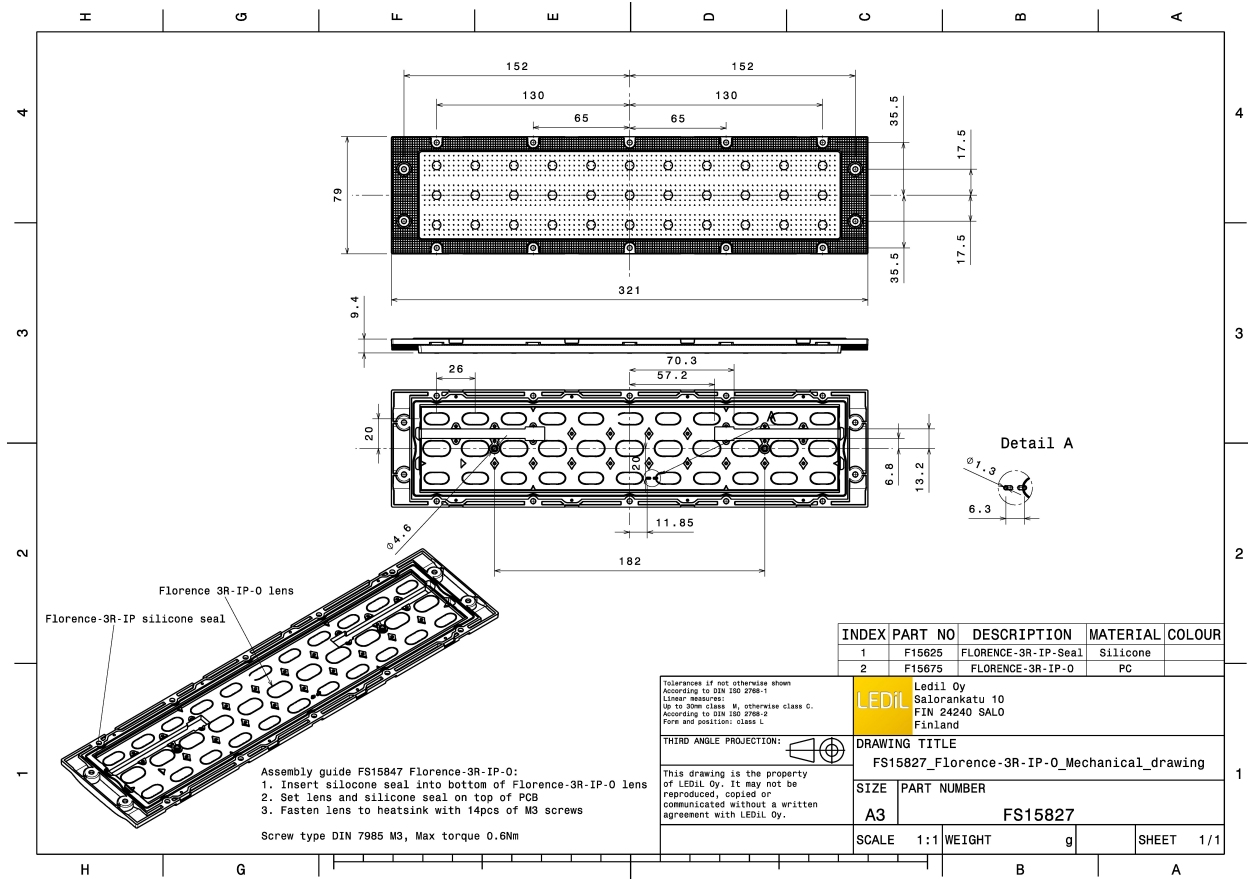
### TECHNICAL SPECIFICATIONS:

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



### MATERIAL SPECIFICATIONS:

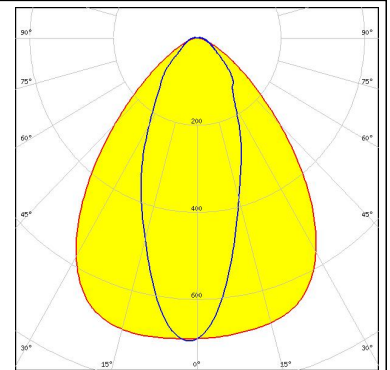
Component	Type	Material	Colour
FLORENCE-3R-IP-O	Lens	PC	clear
FLORENCE-3R-IP-SEAL	Seal	Silicone	clear



#### PHOTOMETRIC DATA (MEASURED):

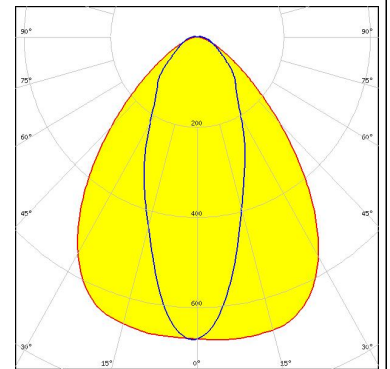
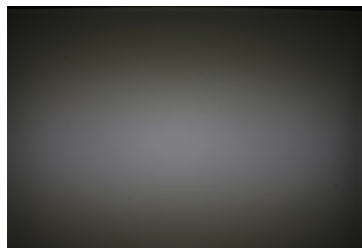
#### LG Innotek

LED LG 6030  
 FWHM 83.0 + 40.0°  
 Efficiency 85 %  
 Peak intensity 0.700 cd/lm  
 Required components:



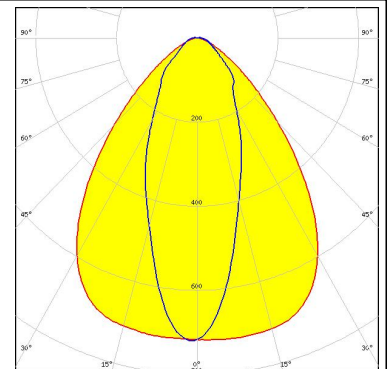
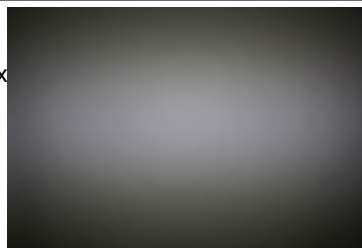
#### OSRAM

LED PLG2-BAR-1100-xxx-280x55-DC  
 FWHM 84.0 + 40.0°  
 Efficiency 86 %  
 Peak intensity 0.680 cd/lm  
 Required components:



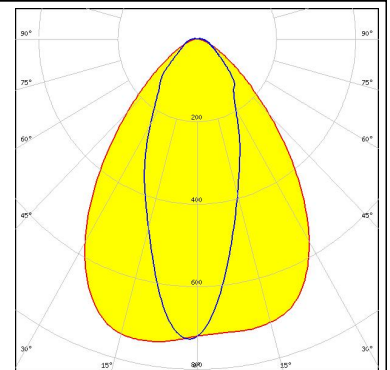
#### PHILIPS

LED Fortimo LED Line 1ft 1100lm xx0 3R xV2/x  
 FWHM 83.0 + 38.0°  
 Efficiency 88 %  
 Peak intensity 0.720 cd/lm  
 Required components:



#### PHILIPS

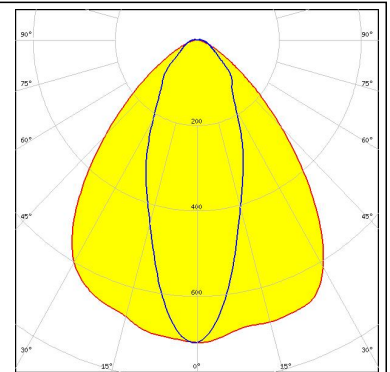
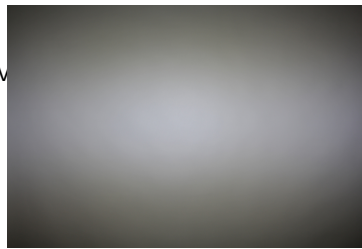
LED Fortimo LED Line 1ft 2000lm 8xx 3R HV2  
 FWHM 78.0 + 38.0°  
 Efficiency 87 %  
 Peak intensity 0.750 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

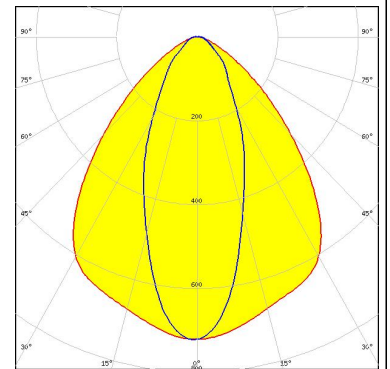
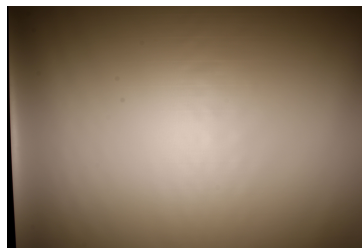
#### PHILIPS

LED Fortimo LED Line 1ft 650lm 8x0 3R xV2/xV  
 FWHM 86.0 + 39.0°  
 Efficiency 87 %  
 Peak intensity 0.710 cd/lm  
 Required components:



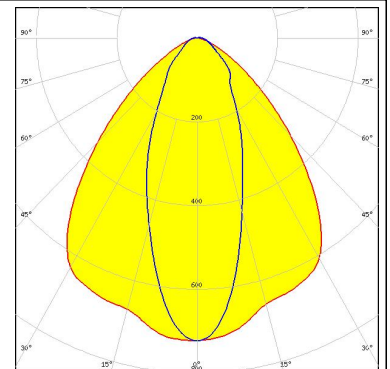
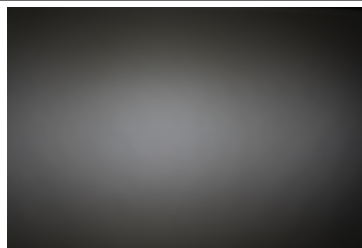
SEOUL SEMICONDUCTOR

LED SEOUL 5630C  
 FWHM 87.0 + 41.0°  
 Efficiency 87 %  
 Peak intensity 0.720 cd/lm  
 Required components:



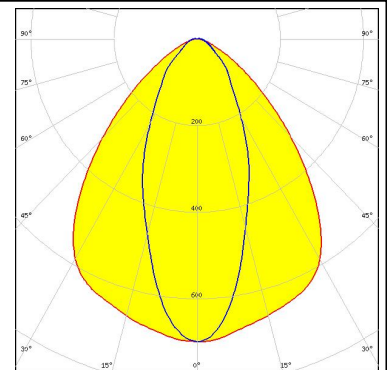
SEOUL SEMICONDUCTOR

LED SunLike 3030  
 FWHM 88.0 + 39.0°  
 Efficiency 88 %  
 Peak intensity 0.720 cd/lm  
 Required components:



#### TRIDONIC

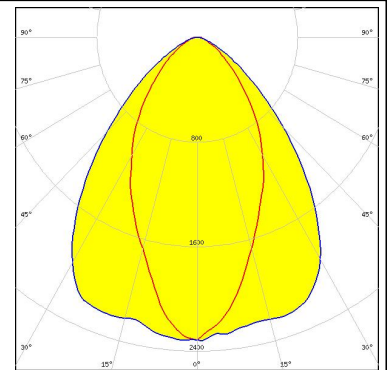
LED LLE G2 55mm 2000lm  
 FWHM 87.0 + 43.0°  
 Efficiency 88 %  
 Peak intensity 0.700 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (SIMULATED):

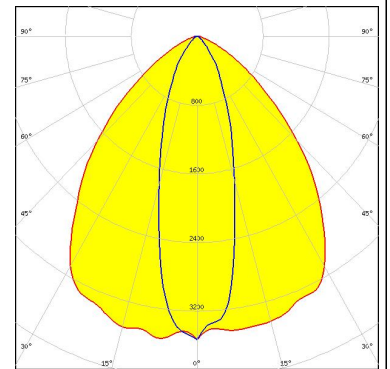
##### LUMILEDS

LED LUXEON 5050  
FWHM 85.0 + 54.0°  
Efficiency 88 %  
Peak intensity 0.590 cd/lm  
Required components:



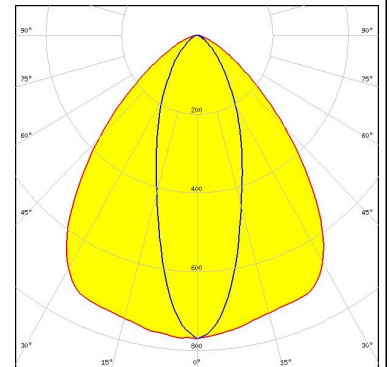
##### LUMILEDS

LED LUXEON CZ  
FWHM 89.0 + 30.0°  
Efficiency 87 %  
Peak intensity 0.890 cd/lm  
Required components:



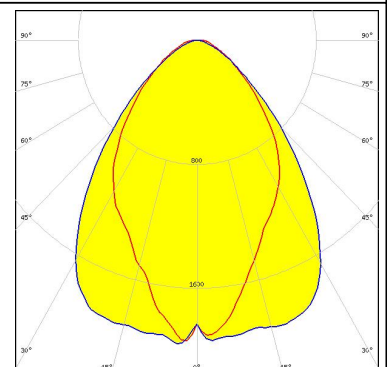
##### NICHIA

LED NF2x757D  
FWHM 86.0 + 34.0°  
Efficiency 87 %  
Peak intensity 0.780 cd/lm  
Required components:



##### OSRAM Opto Semiconductors

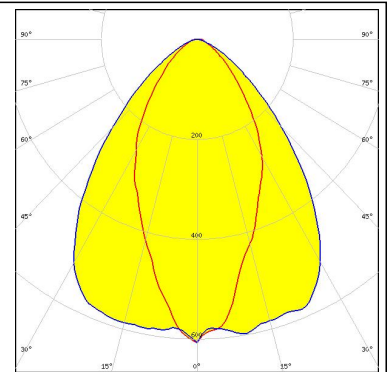
LED Duris S10  
FWHM 84.0 + 70.0°  
Efficiency 86 %  
Peak intensity 0.490 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

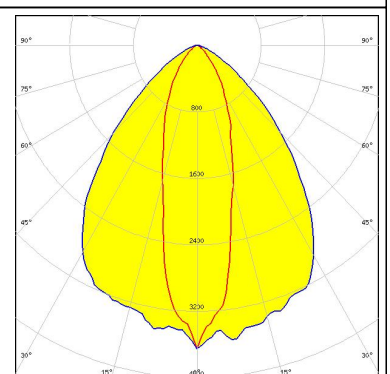
**OSRAM**  
Opto Semiconductors

LED Duris S8  
FWHM 84.0 + 51.0°  
Efficiency 88 %  
Peak intensity 0.620 cd/lm  
Required components:



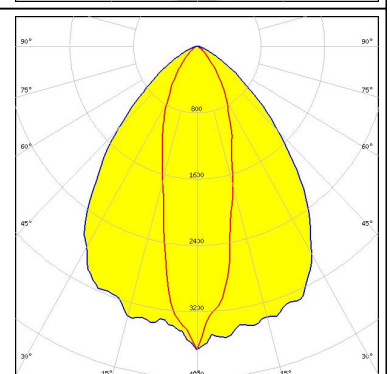
**SAMSUNG**

LED LM302B  
FWHM 82.0 + 28.0°  
Efficiency 86 %  
Peak intensity 0.920 cd/lm  
Required components:



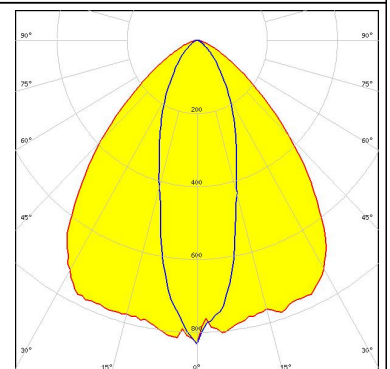
**SAMSUNG**

LED LM561B Plus  
FWHM 82.0 + 28.0°  
Efficiency 86 %  
Peak intensity 0.930 cd/lm  
Required components:





SEOUL SEMICONDUCTOR

LED SEOUL 3528  
FWHM 87.0 + 31.0°  
Efficiency 88 %  
Peak intensity 0.840 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED                    Z8Y22 FWHM                90.0 + 40.0° Efficiency            92 % Peak intensity       0.700 cd/lm Required components:</p>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED                    Z8Y22P FWHM                91.0 + 40.0° Efficiency            91 % Peak intensity       0.680 cd/lm Required components:</p>	

#### 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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