

FLORENCE-O

~85° + 35° oval beam

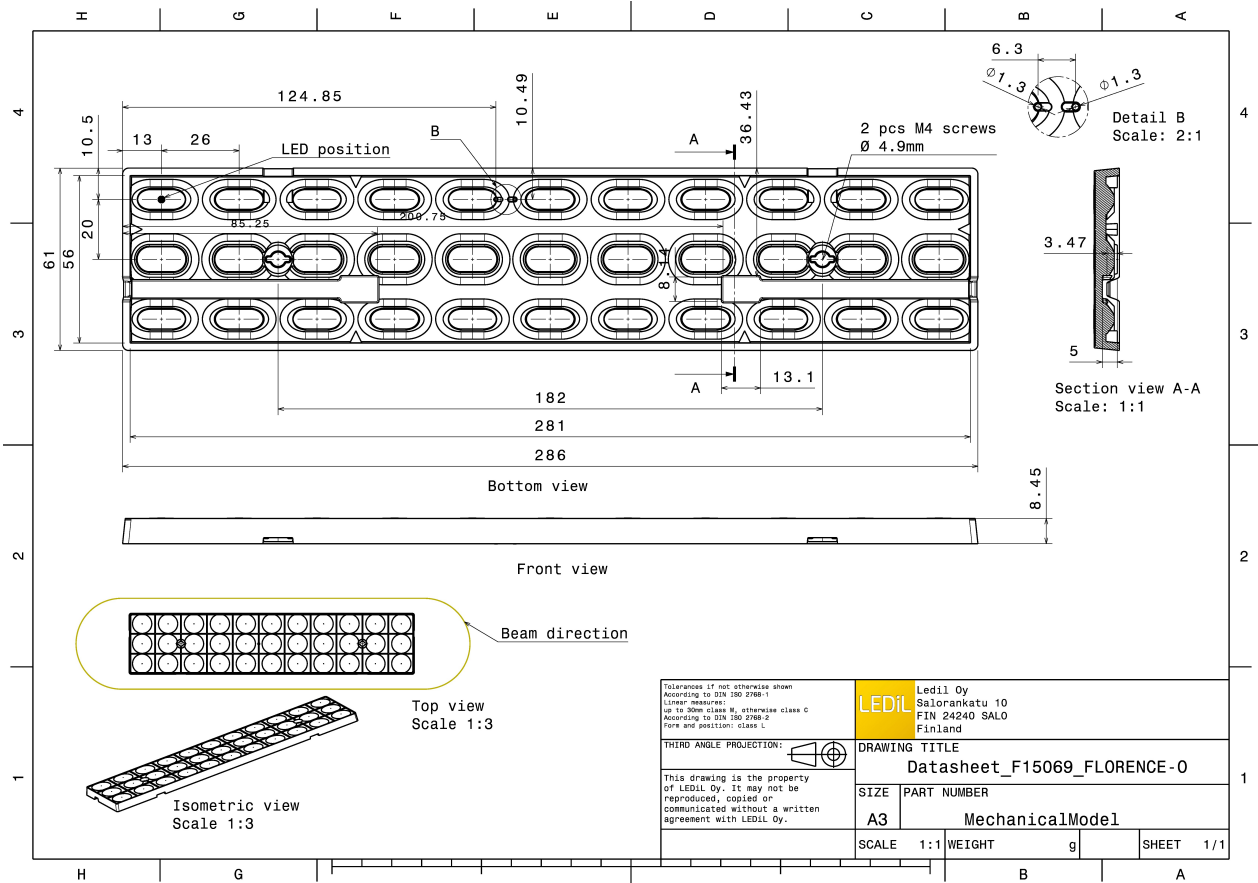
TECHNICAL SPECIFICATIONS:

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 ⓘ




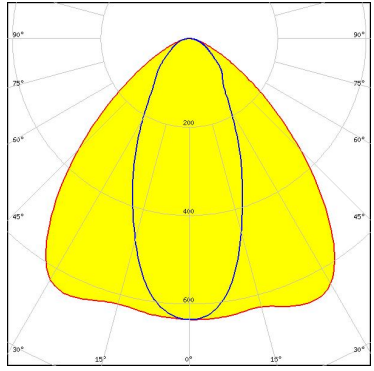

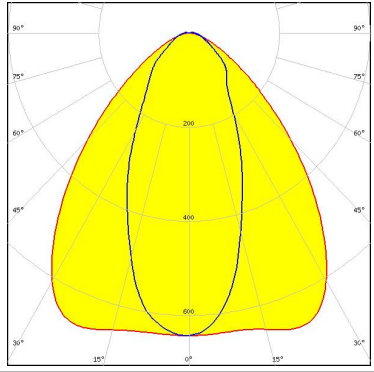
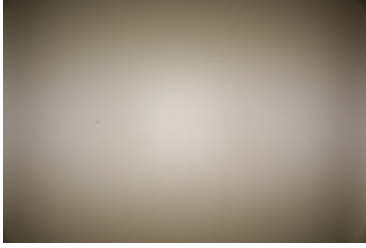
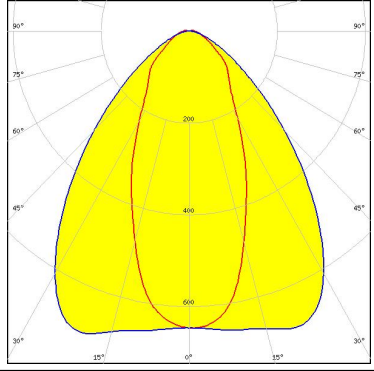
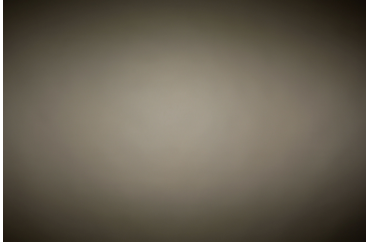
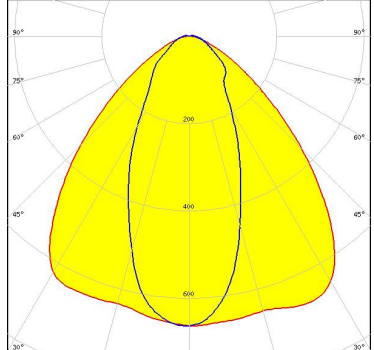
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
FLORENCE-O	Linear lens	PMMA	clear



Tolerances if not otherwise shown According to DIN ISO 2768-1		LEDiL Ledil Oy	
Linear measures: up to 3000 class M, otherwise class C According to DIN ISO 2768-2 Form and position: class L		Salorankatu 10 FIN 24240 SALO Finland	
THIRD ANGLE PROJECTION:		DRAWING TITLE	
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.		Datashet_F15069_FLORENCE-0	
SIZE	PART NUMBER		
A3	MechanicalModel		
SCALE	1:1	WEIGHT	g
		SHEET	1/1

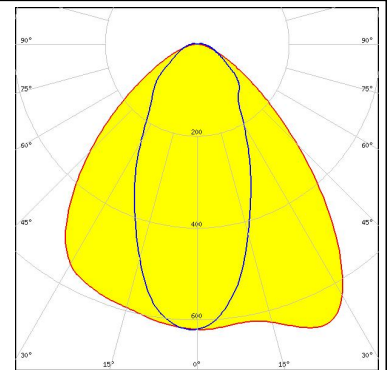
PHOTOMETRIC DATA (MEASURED):

<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>		

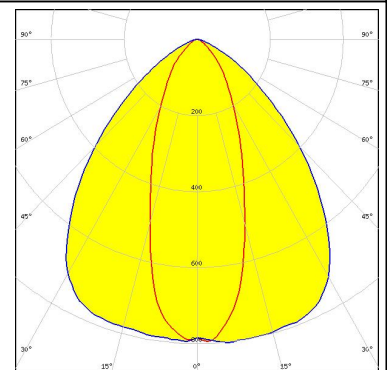
PHOTOMETRIC DATA (MEASURED):



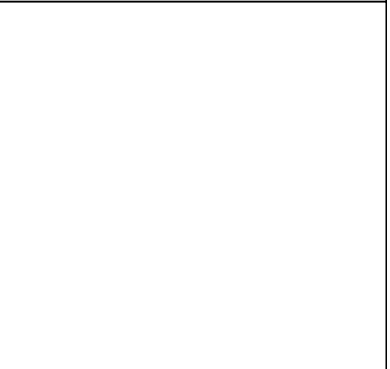
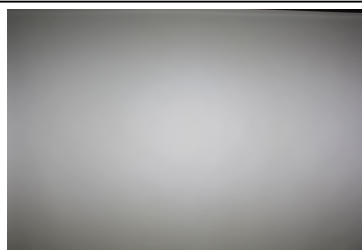
LED NFSW757H
 FWHM 88.0 + 48.0°
 Efficiency 93 %
 Peak intensity 0.672 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



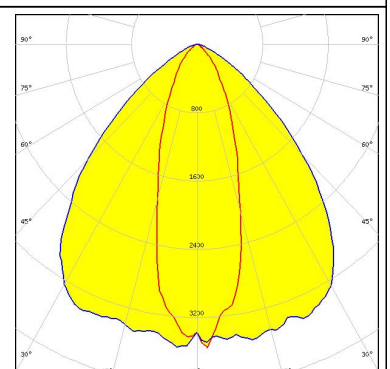
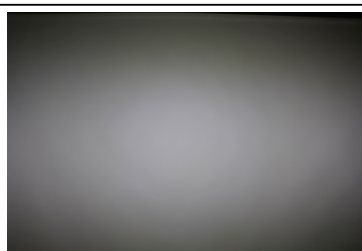
LED Duris E5
 FWHM 91.0 + 46.0°
 Efficiency 92 %
 Peak intensity 0.650 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:






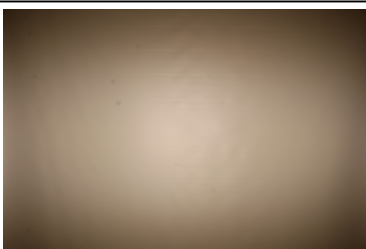
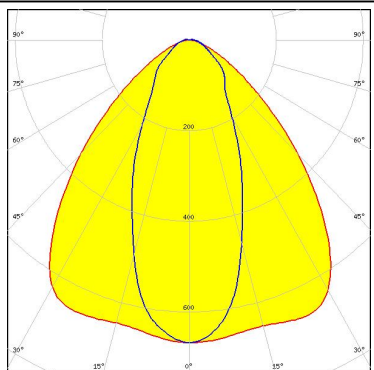

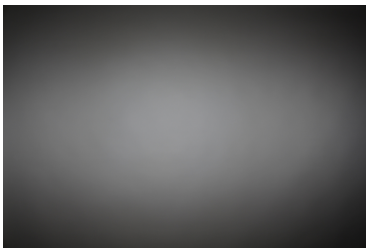
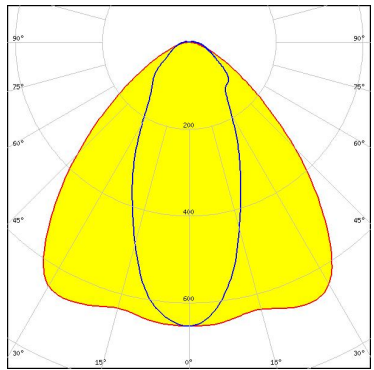
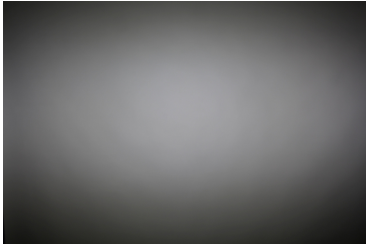
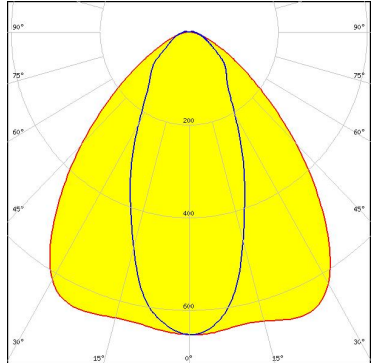
LED Fortimo LED Line 1ft 650lm 3R HV4 & LV4
 FWHM 92.0 + 46.0°
 Efficiency 94 %
 Peak intensity 0.672 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



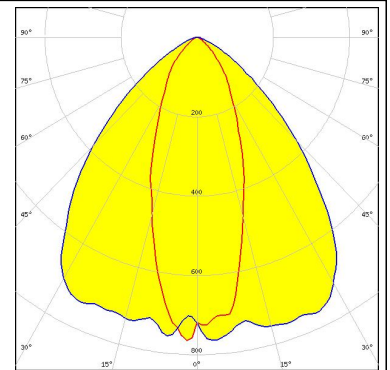
PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED SEOUL 3030 FWHM 91.0 + 47.0° Efficiency 92 % Peak intensity 0.643 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>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:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED SEOUL DC 3030 FWHM 93.0 + 44.0° Efficiency 94 % Peak intensity 0.660 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>TRIDONIC</p> <p>LED LLE G2 55x280mm 2000lm FWHM 91.0 + 46.0° Efficiency 94 % Peak intensity 0.660 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):

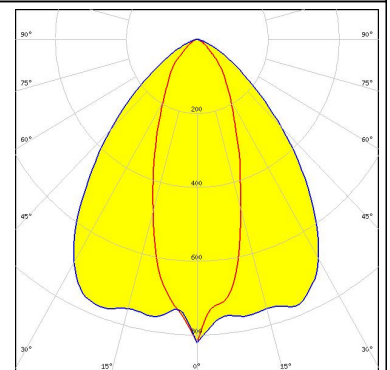
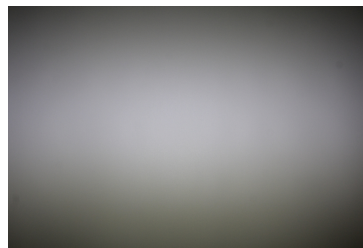
LG Innotek

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:



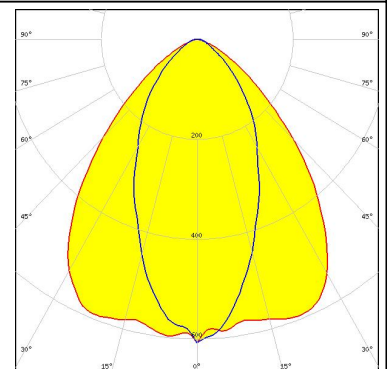
LG Innotek

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:



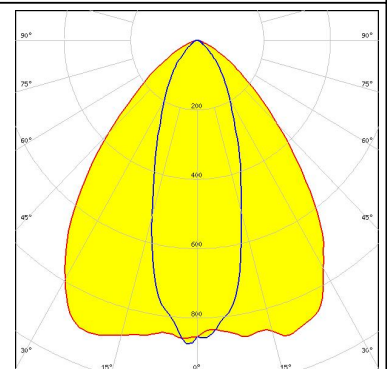
LUMILEDS

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



NICHIA

LED NFSx757G
 FWHM 83.0 + 35.0°
 Efficiency 94 %
 Peak intensity 0.904 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:



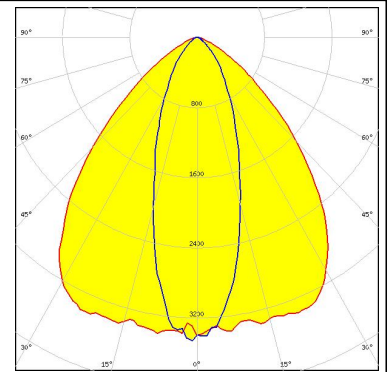
PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED: NVSxE21A FWHM: 93.0 + 28.0° Efficiency: 92 % Peak intensity: 0.940 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>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:</p>	
<p>SAMSUNG</p> <p>LED: LM302B FWHM: 90.0 + 33.0° Efficiency: 92 % Peak intensity: 0.920 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SAMSUNG</p> <p>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:</p>	

PHOTOMETRIC DATA (SIMULATED):

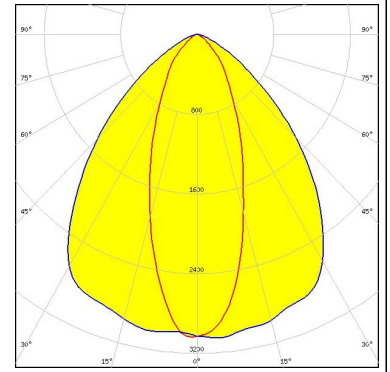
SAMSUNG

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



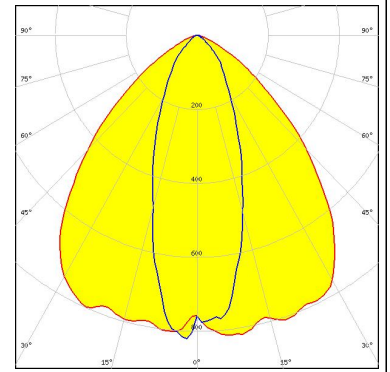
SEOUL SEMICONDUCTOR

LED SEOUL 5630D
 FWHM 87.0 + 37.0°
 Efficiency 89 %
 Peak intensity 0.770 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED SEOUL DC 3030C
 FWHM 92.0 + 36.0°
 Efficiency 94 %
 Peak intensity 0.852 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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
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