

FLORENCE-3R-IP-O

~85° + 40° oval beam



TECHNICAL SPECIFICATIONS:

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

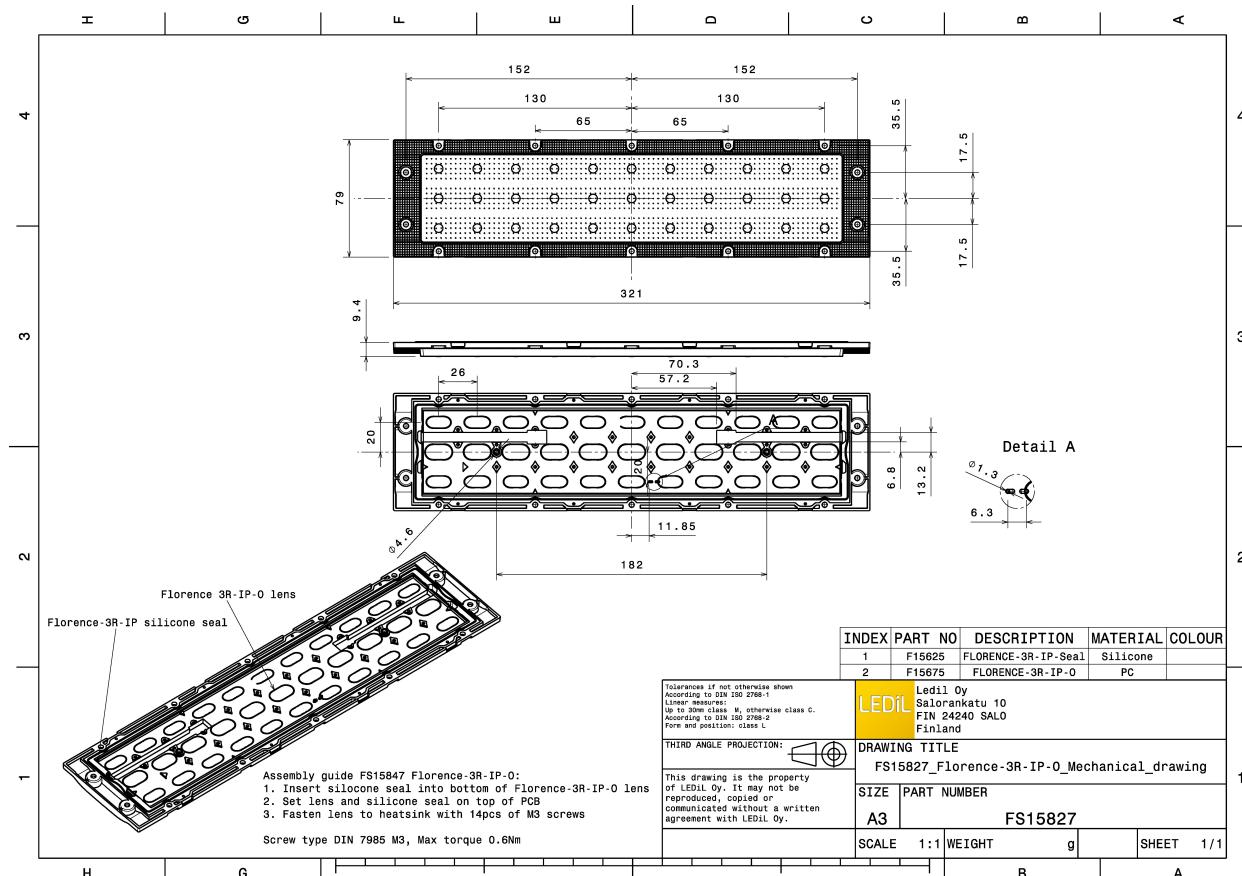
LEDiL®

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
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 » Box size: 356 x 356 x 292 mm	80	80	4	13.0

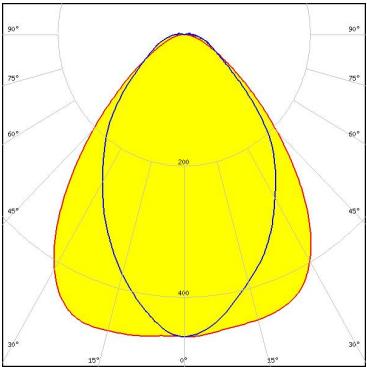
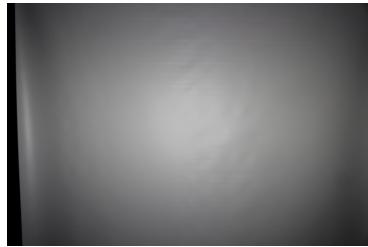


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

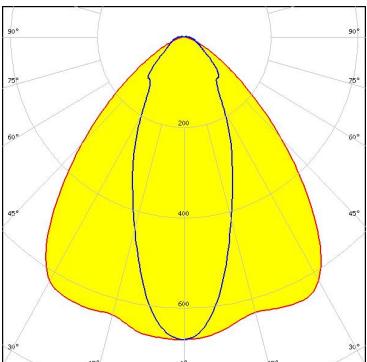
LUMILEDS

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 White
 Required components:



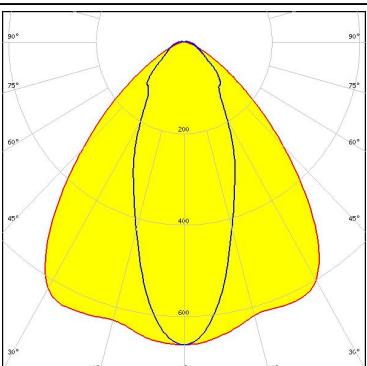
MST | Your solutions

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 White
 Required components:



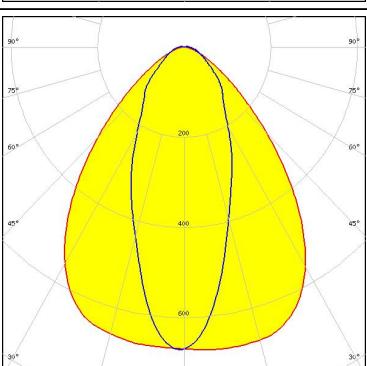
MST | Your solutions

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 White
 Required components:



OSRAM

LED PLG2-BAR-1100-xxx-280x55-DC
 FWHM / FWTM 84.0 + 40.0° / 125.0 + 111.0°
 Efficiency 86 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

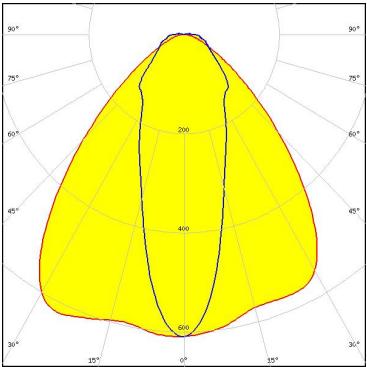


PHOTOMETRIC DATA (MEASURED):

OSRAM

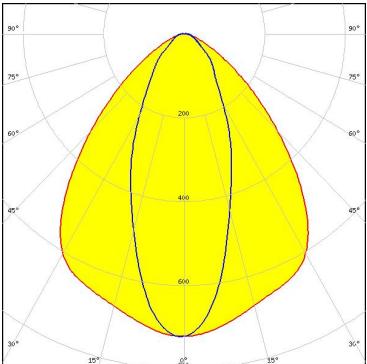
Opto Semiconductors

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 White
 Required components:



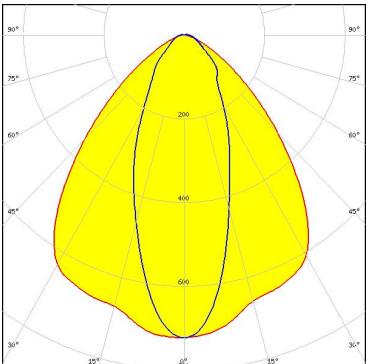
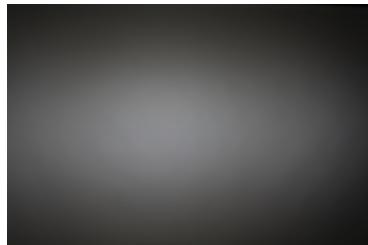
SEOUL SEMICONDUCTOR

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 White
 Required components:



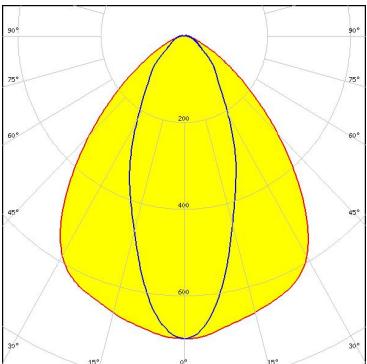
SEOUL SEMICONDUCTOR

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 White
 Required components:



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 White
 Required components:

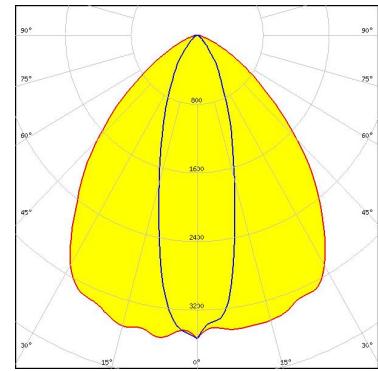


PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

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	White

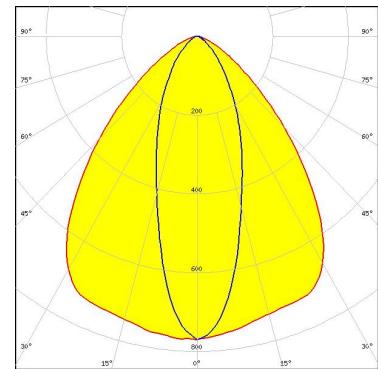
Required components:



NICHIA

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	White

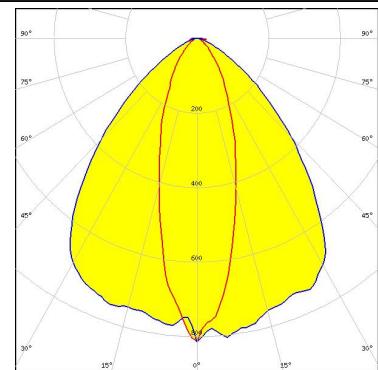
Required components:



NICHIA

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	White

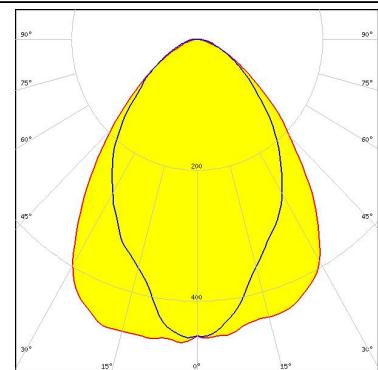
Required components:



OSRAM

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	White

Required components:



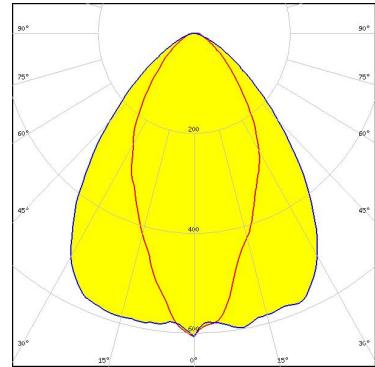
PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED	Duris S8
FWHM / FWTM	84.0 + 51.0° / 125.0 + 106.0°
Efficiency	88 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

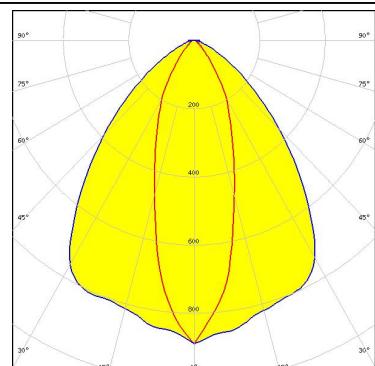


OSRAM

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	White

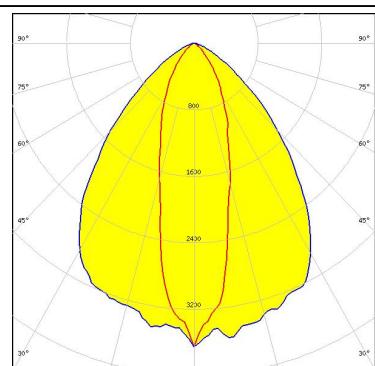
Required components:



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	White

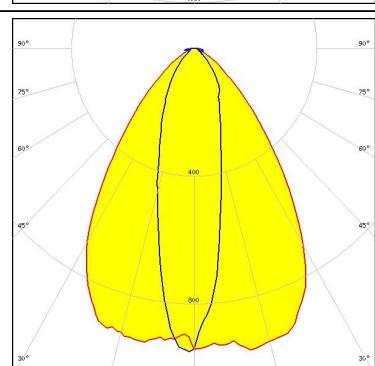
Required components:



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	White

Required components:

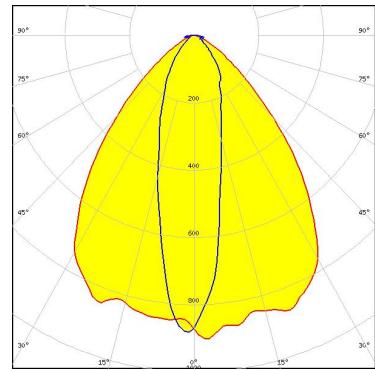


PHOTOMETRIC DATA (SIMULATED):

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	White

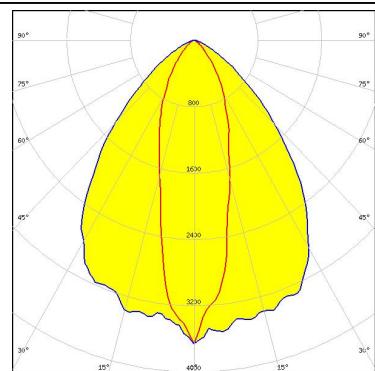
Required components:



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	White

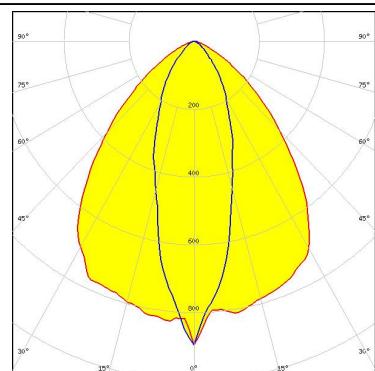
Required components:



 SEOUL SEMICONDUCTOR

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	White

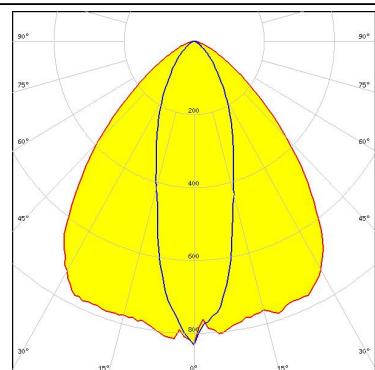
Required components:



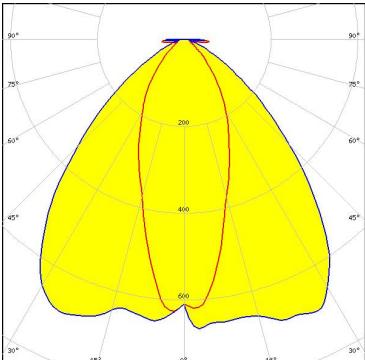
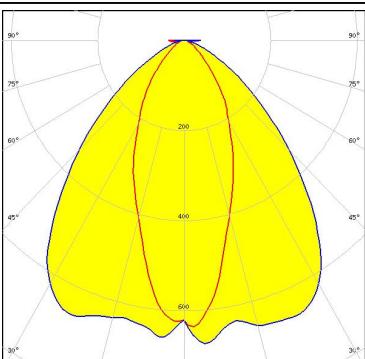
 SEOUL SEMICONDUCTOR

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	White

Required components:



PHOTOMETRIC DATA (SIMULATED):

 SEoul SEMICONDUCTOR LED Z8Y22 FWHM / FWTM 90.0 + 40.0° / 128.0 + 95.0° Efficiency 92 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:	
 SEoul SEMICONDUCTOR LED Z8Y22P FWHM / FWTM 91.0 + 40.0° / 131.0 + 95.0° Efficiency 91 % Peak intensity 0.7 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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LEDiL Oy
Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

**Ledil Optics Technology
(Shenzhen) Co., Ltd.**
405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support
[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations
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