

FLORENTINA-1-O

~45° + 15° oval beam

TECHNICAL SPECIFICATIONS:

Dimensions	39.7 mm
Height	13 mm
Fastening	tape
ROHS compliant	yes ⓘ

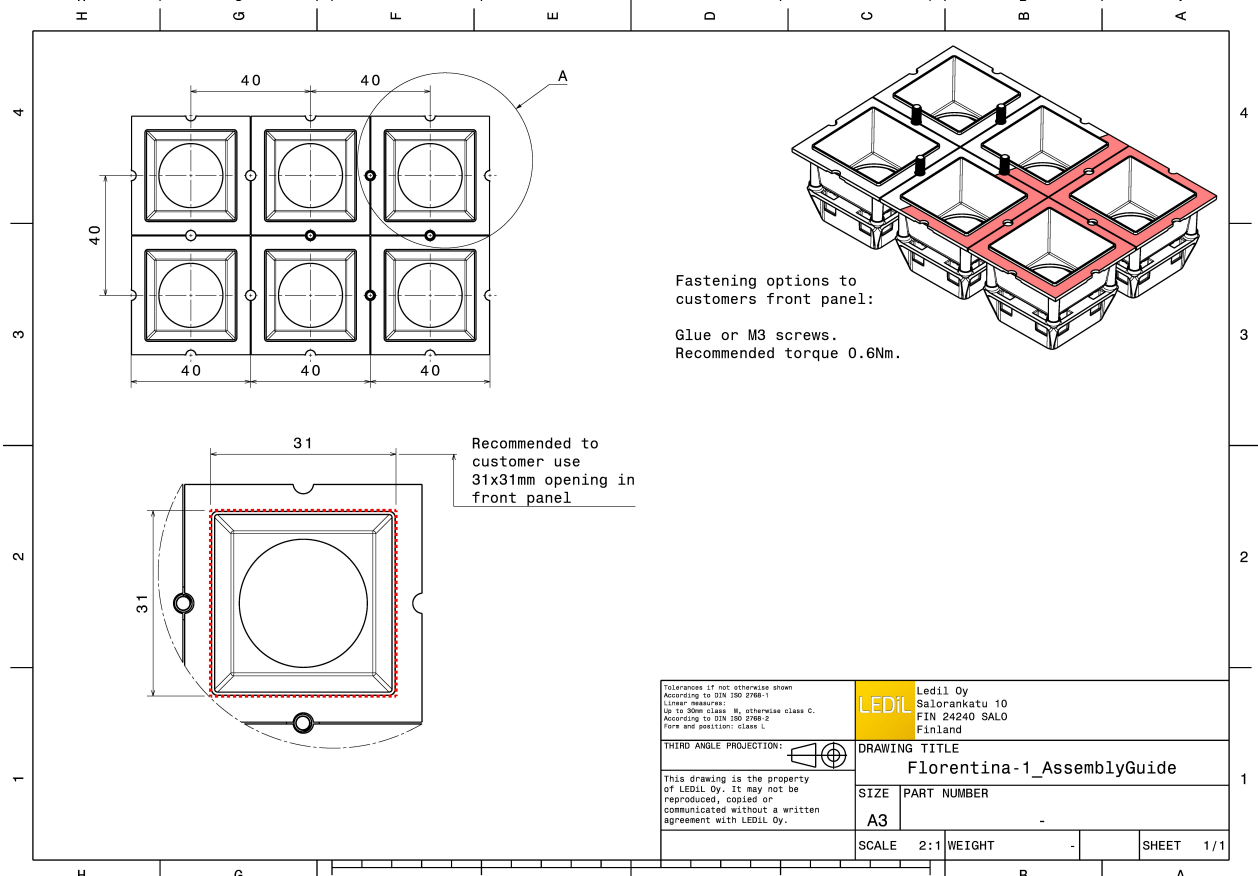
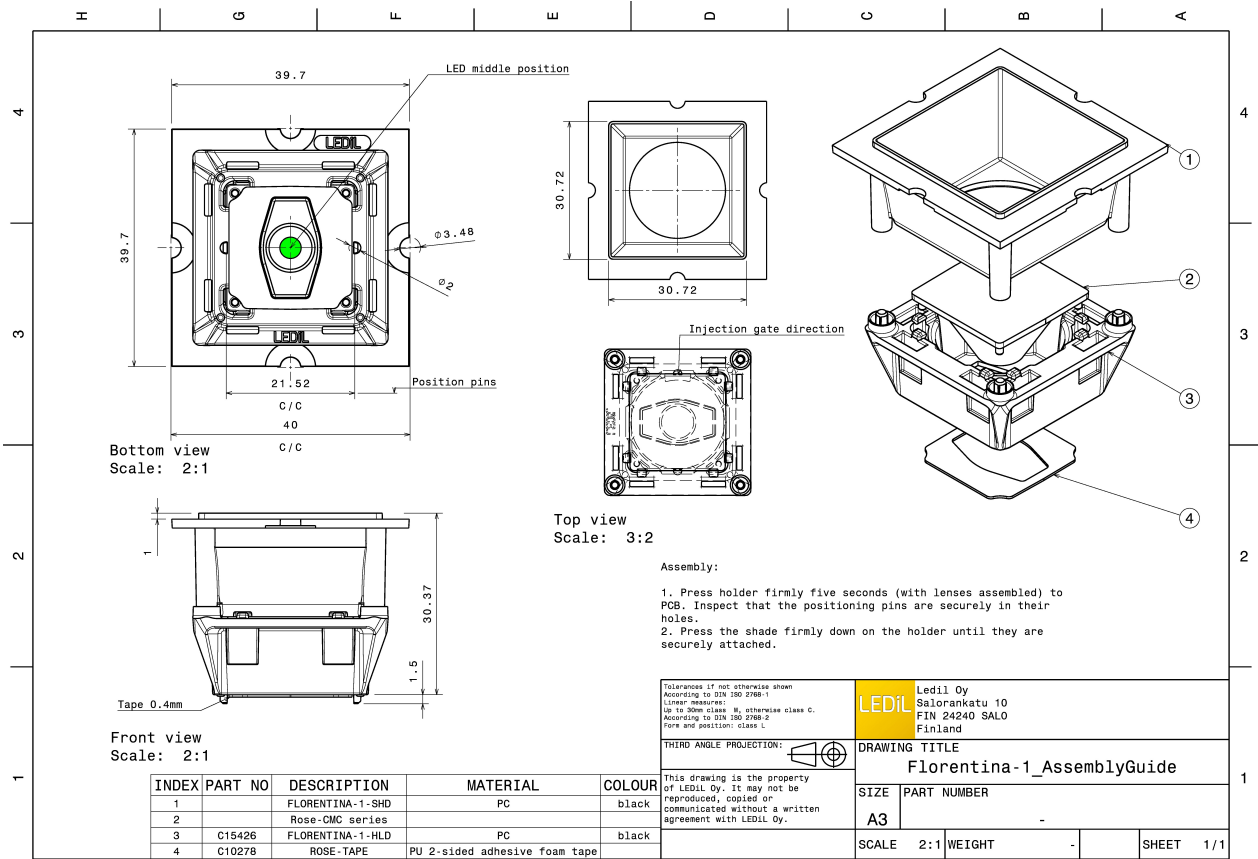
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ROSE-CMC-O	Single lens	PC	clear	
FLORENTINA-1-HLD	Holder	PC	black	
ROSE-TAPE	Tape	PU tape	black	



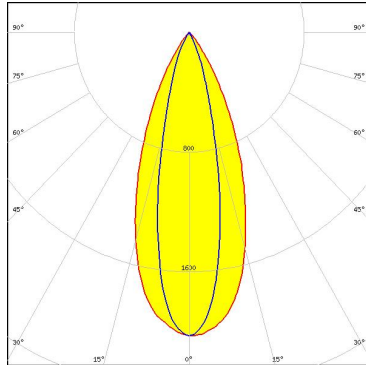


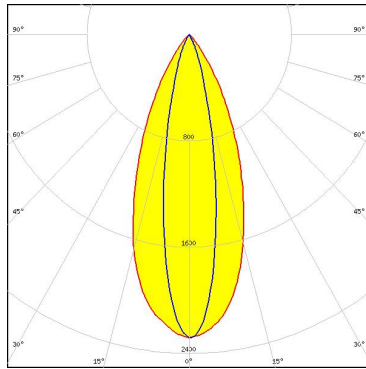

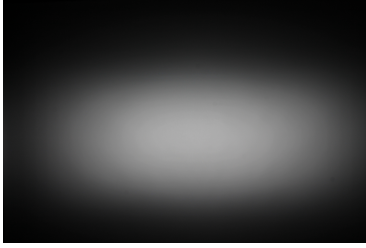
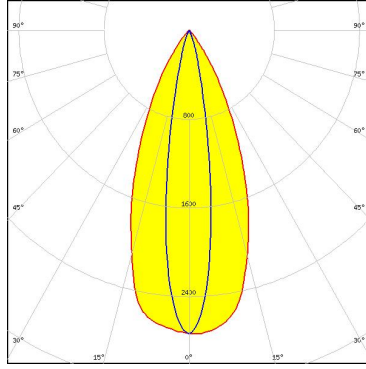

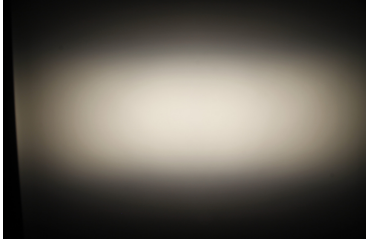
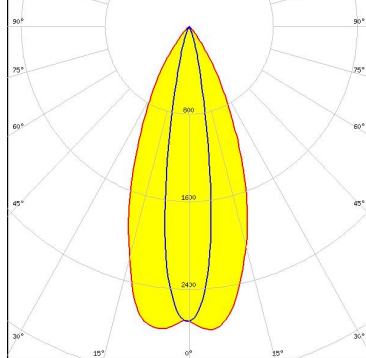


ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCA15452_FLORENTINA-1-O	Single lens	840		60	7.9
» Box size: 480 x 280 x 300 mm					



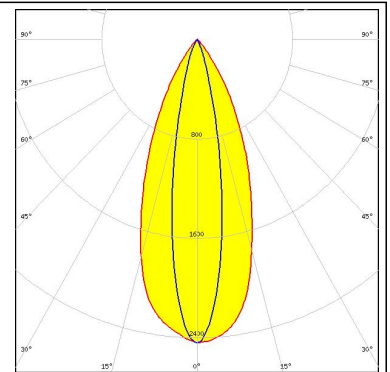
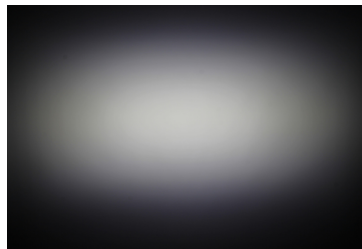
PHOTOMETRIC DATA (MEASURED):

<p> bridgelux</p> <p>LED Bridgelux SMD 5050 FWHM 42.0 + 24.0° Efficiency 71 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p> CREE</p> <p>LED XHP35 HD FWHM 42.0 + 21.0° Efficiency 71 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p> CREE</p> <p>LED XHP35 HI FWHM 28.0° Efficiency 72 % Peak intensity 2.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p> CREE</p> <p>LED XP-G2 FWHM 44.0 + 18.0° Efficiency 73 % Peak intensity 2.8 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		

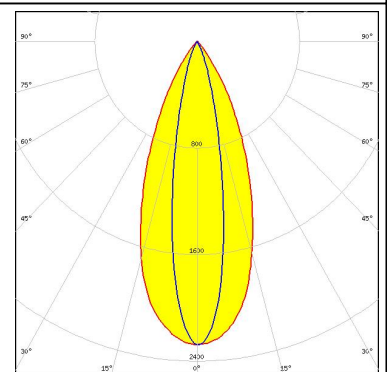
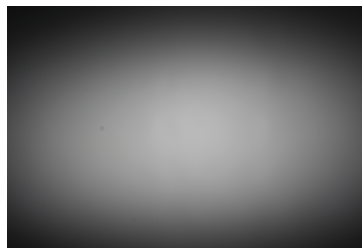
PHOTOMETRIC DATA (MEASURED):



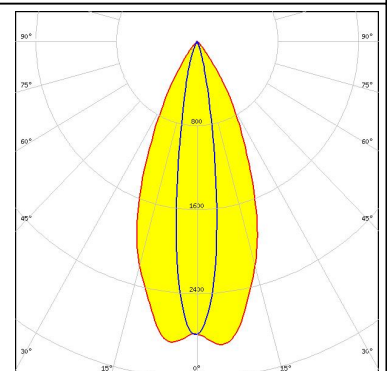
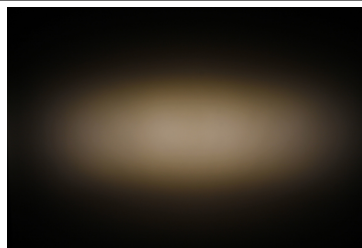
LED XP-L HD
 FWHM 43.0 + 19.0°
 Efficiency 71 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



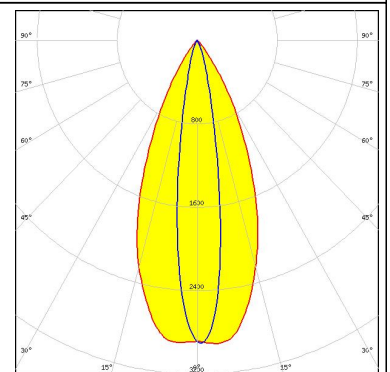
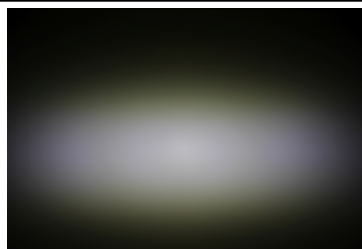
LED XP-L2
 FWHM 43.0 + 20.0°
 Efficiency 69 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



LED XT-E
 FWHM 44.0 + 16.0°
 Efficiency 71 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



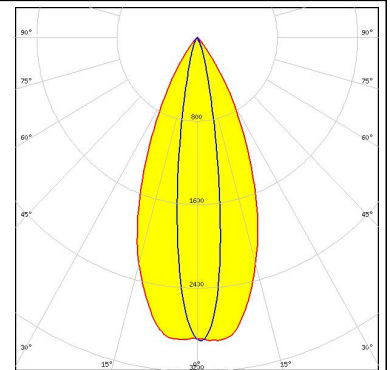
LED LG 5630
 FWHM 45.0 + 17.0°
 Efficiency 77 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16701_FLORENTINA-1-SHD-60-WHT



PHOTOMETRIC DATA (MEASURED):

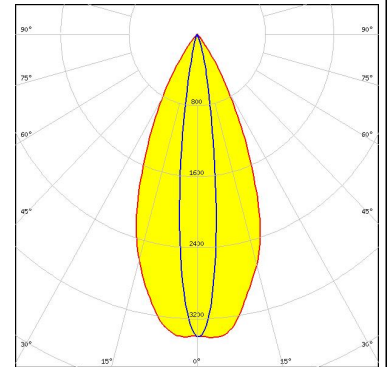
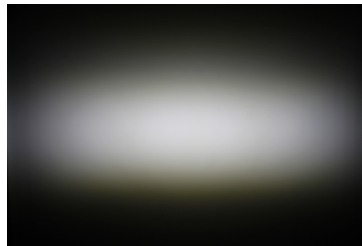
LG Innotek

LED LG 5630
 FWHM 45.0 + 16.0°
 Efficiency 75 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



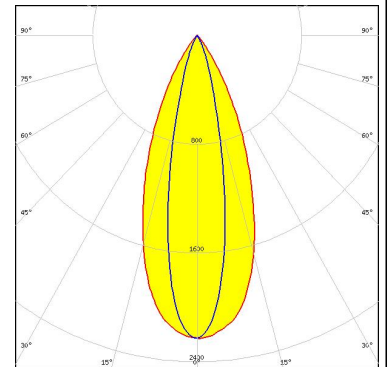
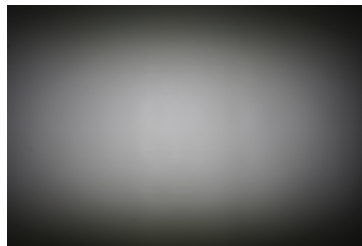
LUMILEDS

LED LUXEON 3030 2D (Round LES)
 FWHM 45.0 + 14.0°
 Efficiency 75 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



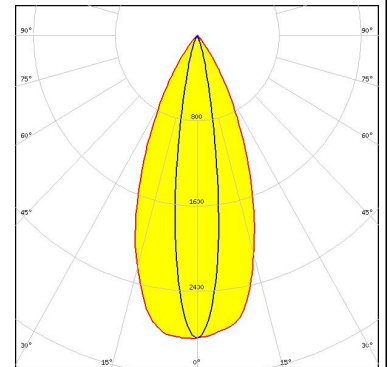
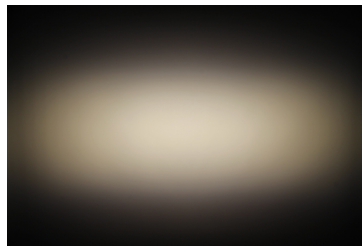
LUMILEDS

LED LUXEON 5050 Round LES
 FWHM 42.0 + 22.0°
 Efficiency 72 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



LUMILEDS

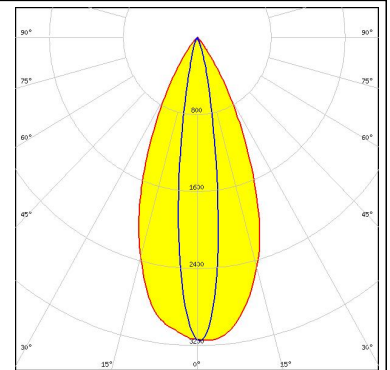
LED LUXEON TX
 FWHM 44.0 + 17.0°
 Efficiency 72 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



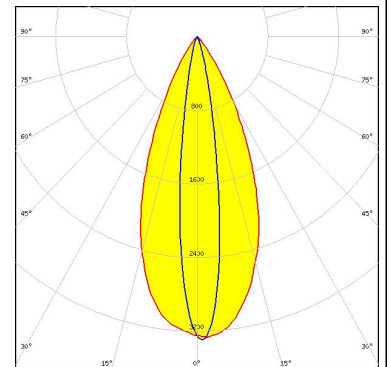
PHOTOMETRIC DATA (MEASURED):



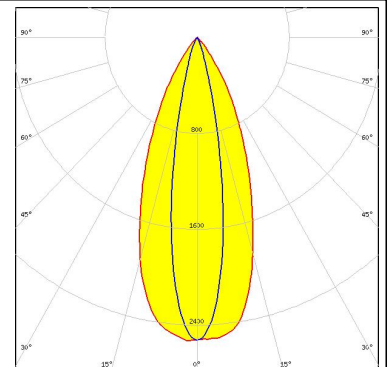
LED NF2x757G
FWHM 45.0 + 15.0°
Efficiency 75 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C16701_FLORENTINA-1-SHD-60-WHT



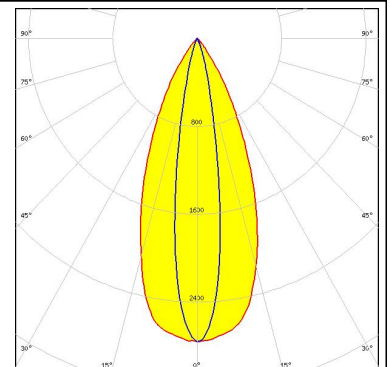
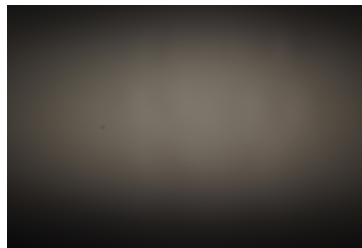
LED NF2x757G
FWHM 44.0 + 15.0°
Efficiency 76 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C15427_FLORENTINA-1-SHD-60



LED NVSW319B
FWHM 43.0 + 20.0°
Efficiency 74 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C15427_FLORENTINA-1-SHD-60



LED NVSxx19B/NVSxx19C
FWHM 44.0 + 17.0°
Efficiency 72 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C15427_FLORENTINA-1-SHD-60

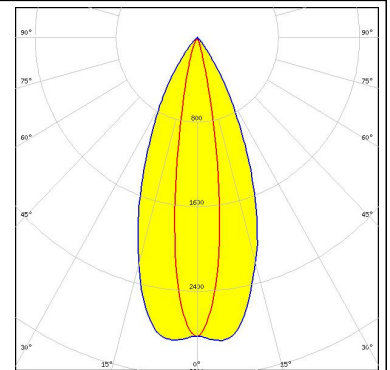


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

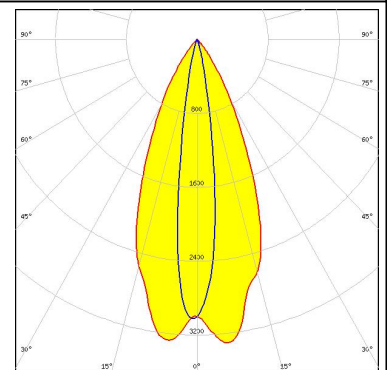
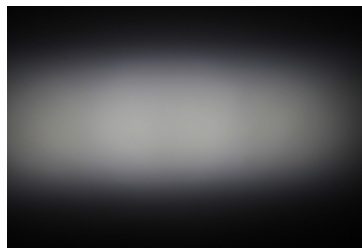
LED OSLOM Square CSSRM2/CSSRM3
 FWHM 44.0 + 17.0°
 Efficiency 74 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



OSRAM

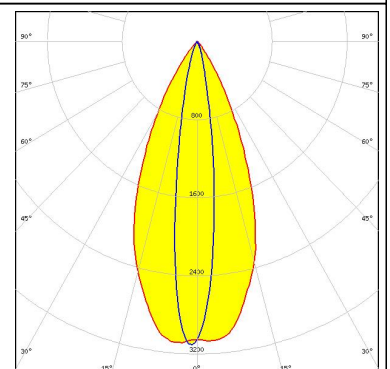
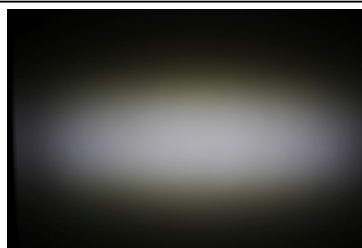
Opto Semiconductors

LED OSLOM SSL 150
 FWHM 45.0 + 15.0°
 Efficiency 72 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



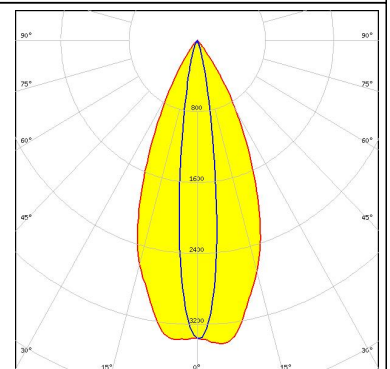
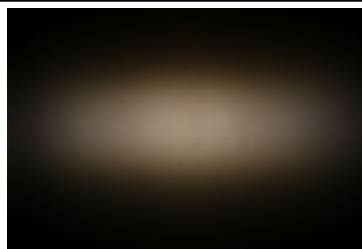
SAMSUNG

LED LM561B
 FWHM 45.0 + 15.0°
 Efficiency 75 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



SEOUL SEMICONDUCTOR

LED SEOUL 5630
 FWHM 45.0 + 15.0°
 Efficiency 77 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



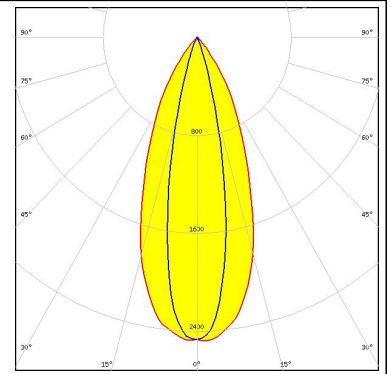
PHOTOMETRIC DATA (MEASURED):

			
SEOUL SEMICONDUCTOR			
LED	Z8Y22P		
FWHM	44.0 + 17.0°		
Efficiency	69 %		
Peak intensity	2.7 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required components:			
	C15427_FLORENTINA-1-SHD-60		

PHOTOMETRIC DATA (SIMULATED):



LED XP-G2 HE
FWHM 42.0 + 22.0°
Efficiency 82 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



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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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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Distribution Partners

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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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