


## FLORENTINA-1-D

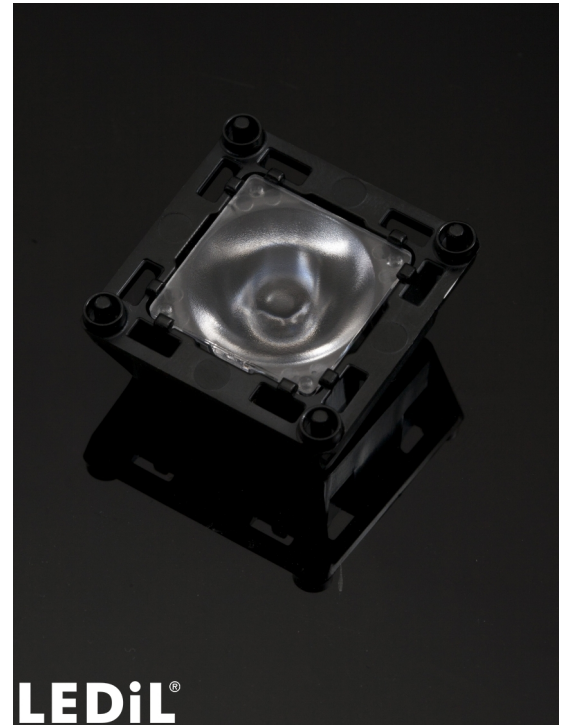
~18° diffused spot beam

### TECHNICAL SPECIFICATIONS:

Dimensions	39.7 mm
Height	13 mm
Fastening	tape
ROHS compliant	yes 

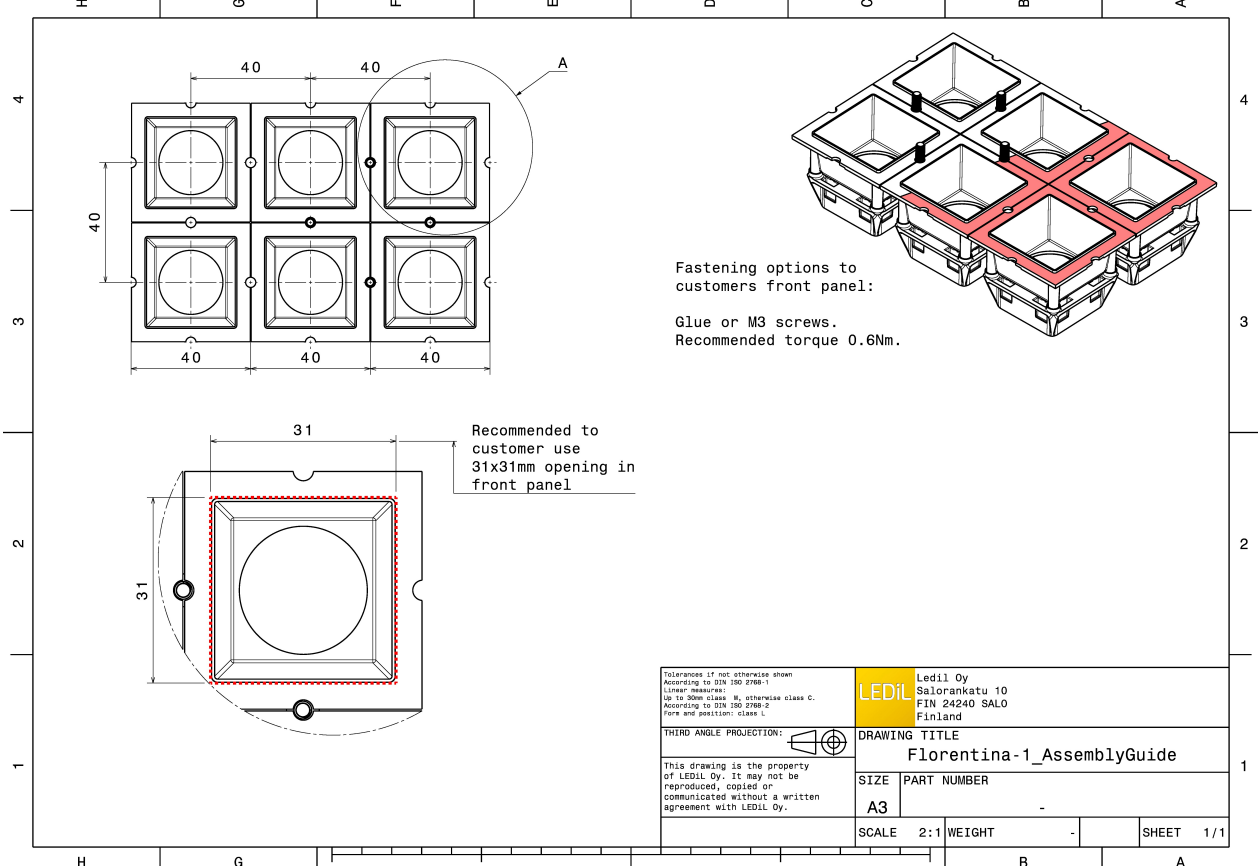
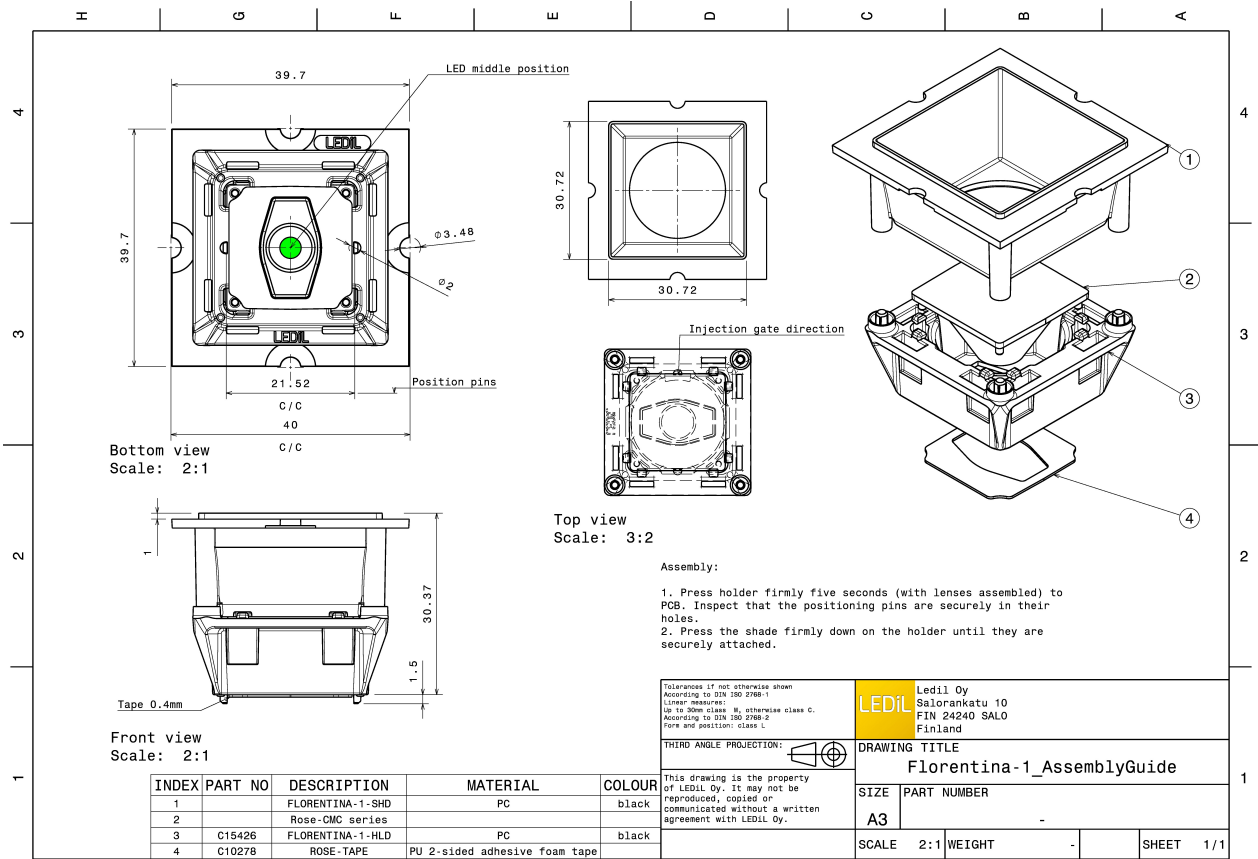
### MATERIAL SPECIFICATIONS:

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



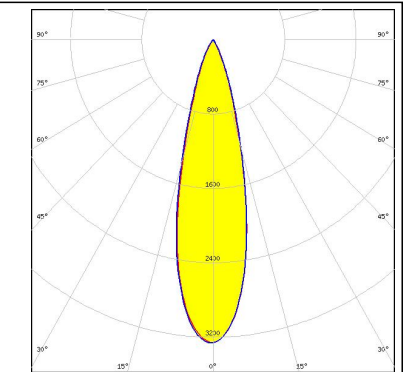


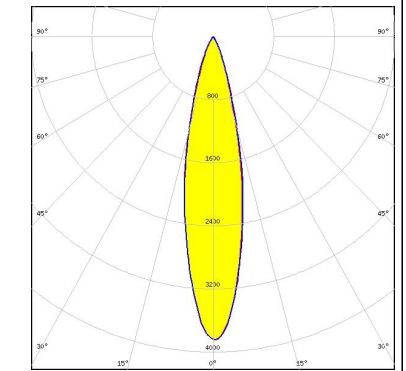


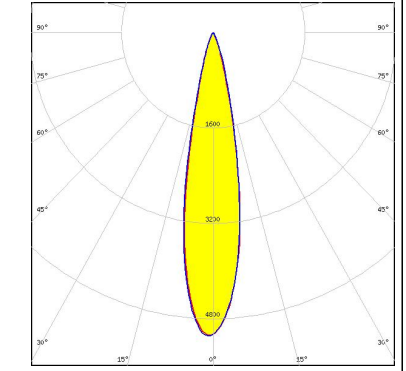

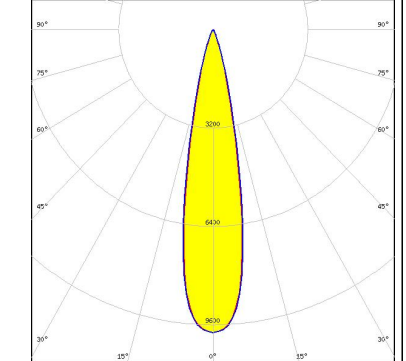


### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCA15450_FLORENTINA-1-D	Single lens	840		60	7.9
» Box size: 480 x 280 x 300 mm					



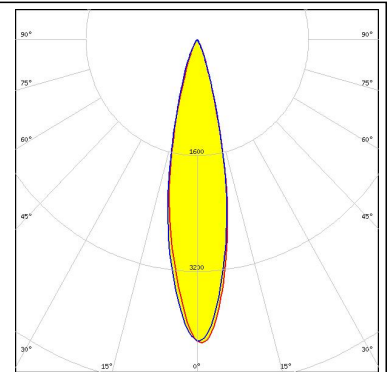
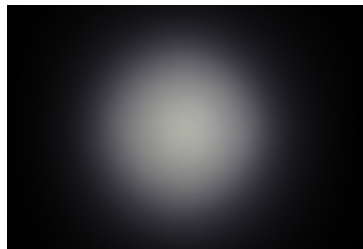
#### PHOTOMETRIC DATA (MEASURED):

<p> <b>bridgelux</b></p> <p>LED                Bridgelux SMD 5050            FWHM            26.0°            Efficiency        78 %            Peak intensity   3.3 cd/lm            LEDs/each optic 1            Light colour     White            Required components:                      C15427_FLORENTINA-1-SHD-60</p>		
<p> <b>CREE</b></p> <p>LED                XHP35 HD            FWHM            23.0°            Efficiency        77 %            Peak intensity   3.9 cd/lm            LEDs/each optic 1            Light colour     White            Required components:                      C15427_FLORENTINA-1-SHD-60</p>		
<p> <b>CREE</b></p> <p>LED                XHP35 HI            FWHM            21.0°            Efficiency        77 %            Peak intensity   5.1 cd/lm            LEDs/each optic 1            Light colour     White            Required components:</p>		
<p> <b>CREE</b></p> <p>LED                XP-G2            FWHM            21.0°            Efficiency        77 %            Peak intensity   5.1 cd/lm            LEDs/each optic 1            Light colour     White            Required components:                      C15427_FLORENTINA-1-SHD-60</p>		

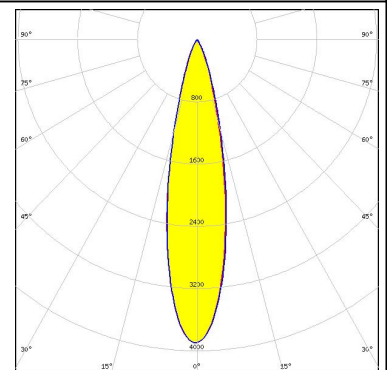
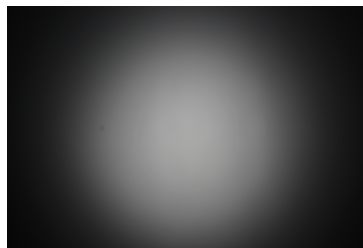
#### PHOTOMETRIC DATA (MEASURED):



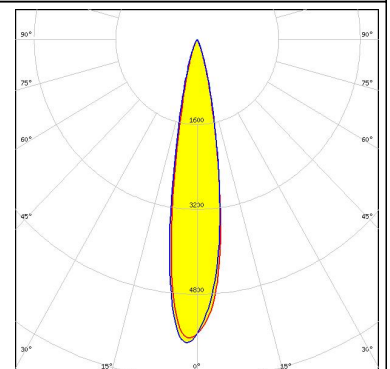
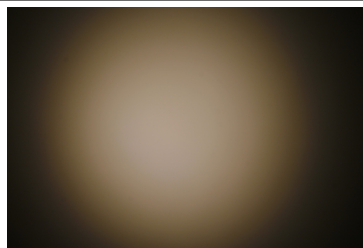
LED XP-L HD  
 FWHM 23.0°  
 Efficiency 76 %  
 Peak intensity 4.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



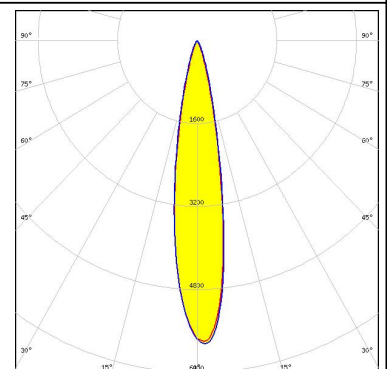
LED XP-L2  
 FWHM 23.0°  
 Efficiency 75 %  
 Peak intensity 3.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60





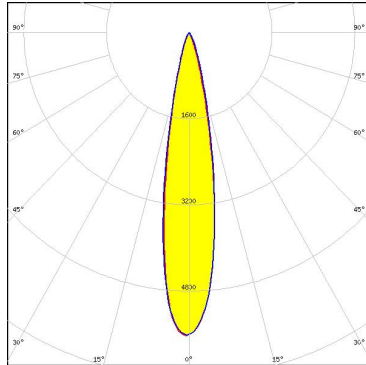


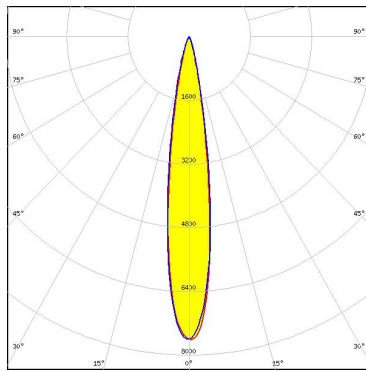


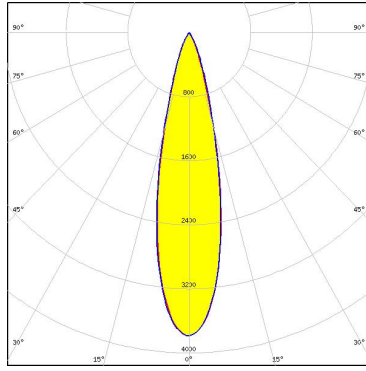


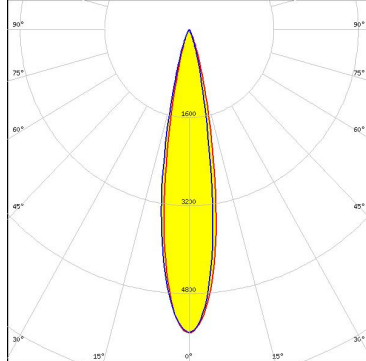
LED XT-E  
 FWHM 18.0°  
 Efficiency 76 %  
 Peak intensity 5.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60




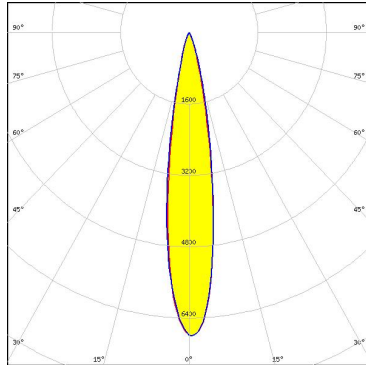

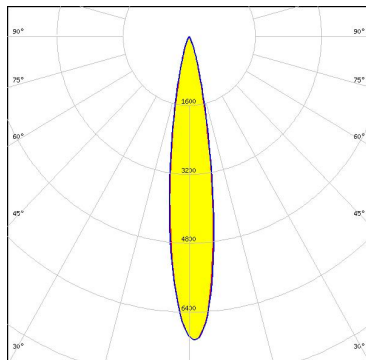
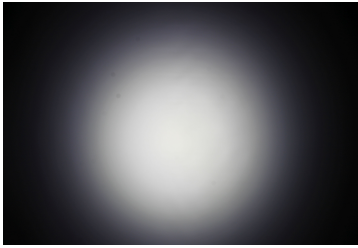
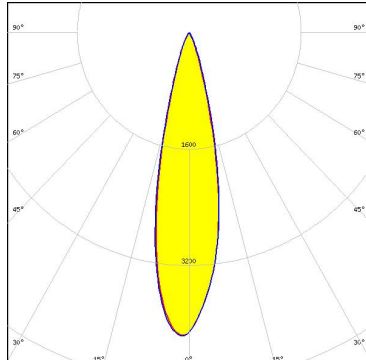
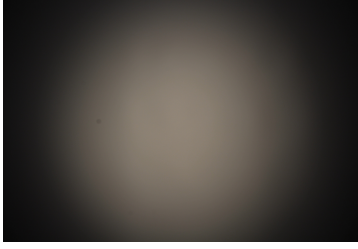
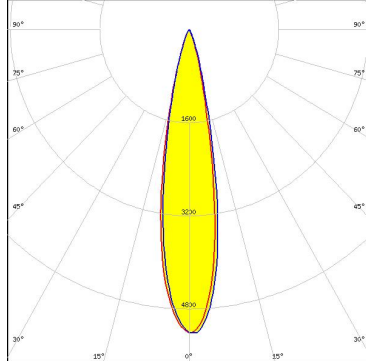
LED LG 5630  
 FWHM 19.0°  
 Efficiency 82 %  
 Peak intensity 5.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16701\_FLORENTINA-1-SHD-60-WHT



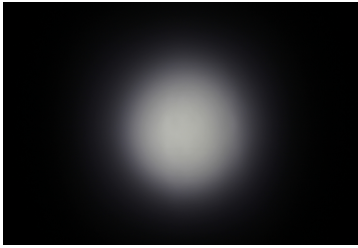
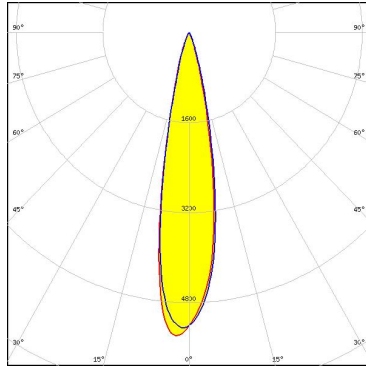

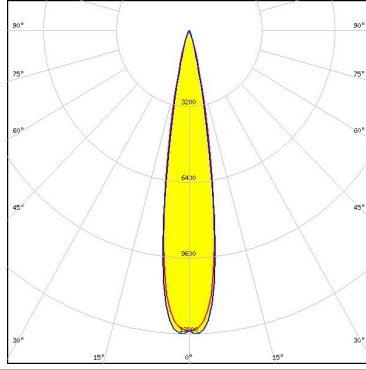

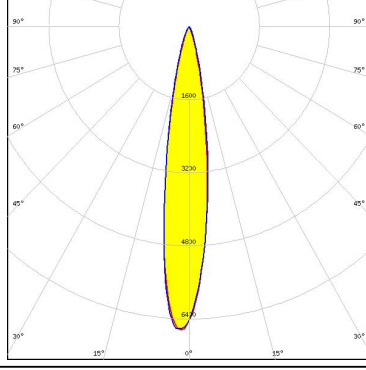

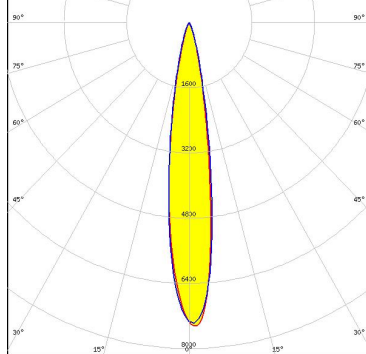
#### PHOTOMETRIC DATA (MEASURED):

<p> <b>LG Innotek</b></p> <p>LED LG 5630            FWHM 19.0°            Efficiency 81 %            Peak intensity 5.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15427_FLORENTINA-1-SHD-60</p>		
<p> <b>LUMILEDS</b></p> <p>LED LUXEON 3030 2D (Round LES)            FWHM 16.0°            Efficiency 79 %            Peak intensity 7.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p> <b>LUMILEDS</b></p> <p>LED LUXEON 5050 Round LES            FWHM 24.0°            Efficiency 79 %            Peak intensity 3.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15427_FLORENTINA-1-SHD-60</p>		
<p> <b>LUMILEDS</b></p> <p>LED LUXEON TX            FWHM 19.0°            Efficiency 77 %            Peak intensity 5.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15427_FLORENTINA-1-SHD-60</p>		


#### PHOTOMETRIC DATA (MEASURED):

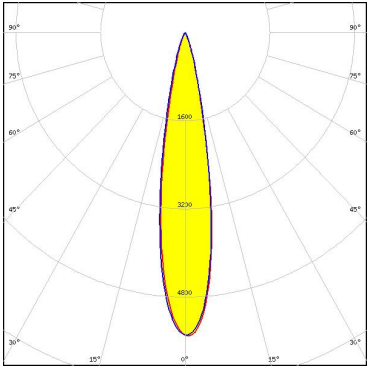

<p><b>NICHIA</b></p> <p>LED NF2x757G            FWHM 18.0°            Efficiency 82 %            Peak intensity 6.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C16701_FLORENTINA-1-SHD-60-WHT</p>		
<p><b>NICHIA</b></p> <p>LED NF2x757G            FWHM 17.0°            Efficiency 81 %            Peak intensity 7.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15427_FLORENTINA-1-SHD-60</p>		
<p><b>NICHIA</b></p> <p>LED NVSW319B            FWHM 24.0°            Efficiency 79 %            Peak intensity 4.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15427_FLORENTINA-1-SHD-60</p>		
<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM 20.0°            Efficiency 78 %            Peak intensity 5.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15427_FLORENTINA-1-SHD-60</p>		

#### PHOTOMETRIC DATA (MEASURED):

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSLON Square CSSRM2/CSSRM3 FWHM 20.0° Efficiency 79 % Peak intensity 5.4 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSLON SSL 150 FWHM 18.0° Efficiency 77 % Peak intensity 6.6 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p><b>SAMSUNG</b></p> <p>LED LM561B FWHM 17.0° Efficiency 80 % Peak intensity 6.9 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p><b>SEOUL</b> SEOUL SEMICONDUCTOR</p> <p>LED SEOUL 5630 FWHM 16.0° Efficiency 82 % Peak intensity 7.4 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		

### PHOTOMETRIC DATA (MEASURED):

			
SEOUL SEMICONDUCTOR			
LED	Z8Y22P		
FWHM	19.0°		
Efficiency	75 %		
Peak intensity	5.5 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:

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#### Local sales and technical support

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#### Shipping locations

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#### Distribution Partners

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С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

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- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
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- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)