


## FLORENCE-3R-IP-Z60

~60° wide beam

### TECHNICAL SPECIFICATIONS:

Dimensions	321.0 x 79.0 mm
Height	9.4 mm
Fastening	screw
ROHS compliant	yes 

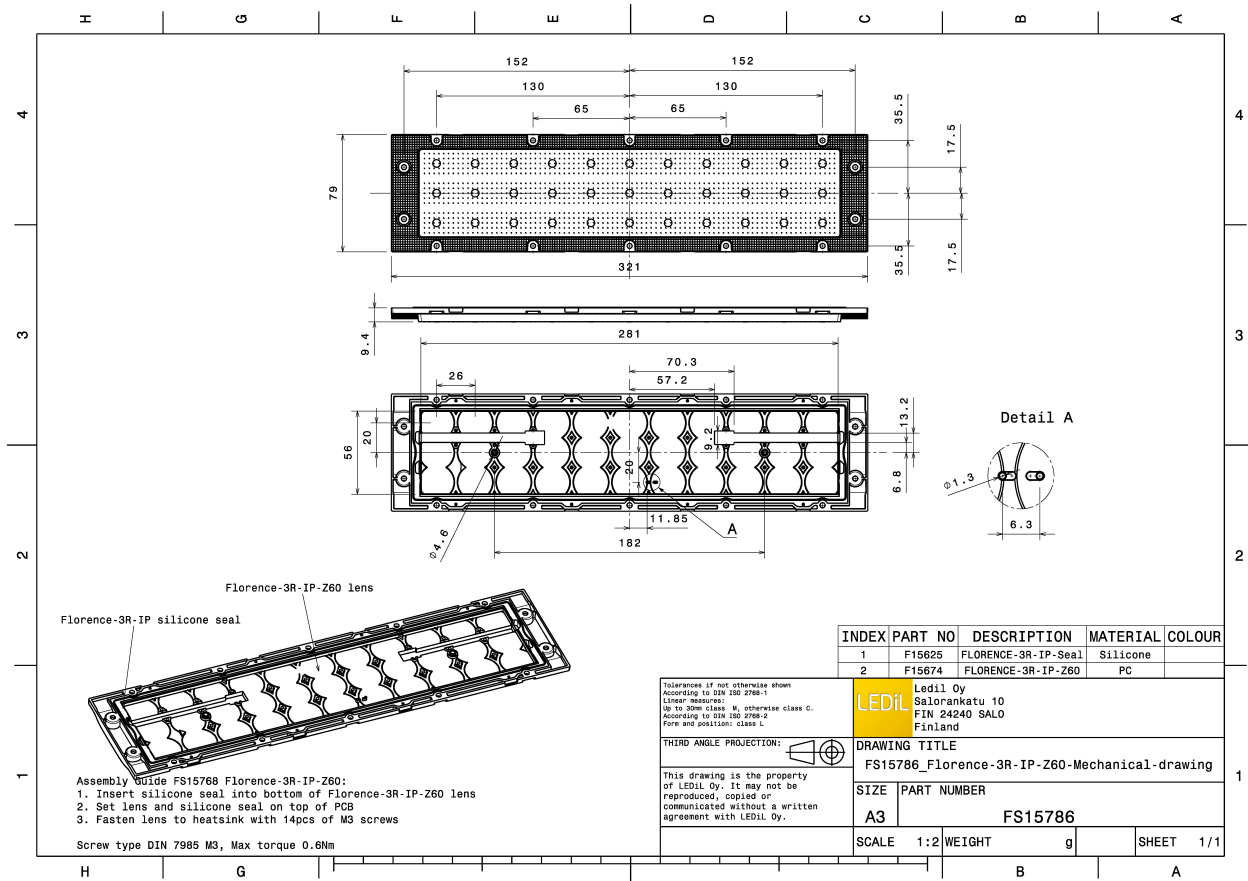
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
FLORENCE-3R-IP-Z60	Linear lens	PC	clear	
FLORENCE-3R-IP-SEAL	Seal	Silicone	clear	



### ORDERING INFORMATION:

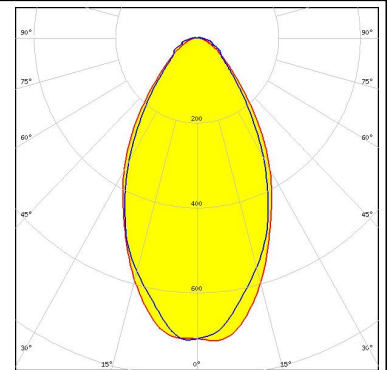
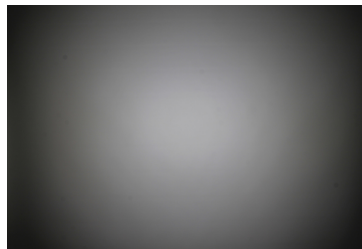
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FS15786_FLORENCE-3R-IP-Z60	Linear lens	80	80	4	13.0
» Box size: 356 x 356 x 292 mm					



#### PHOTOMETRIC DATA (MEASURED):

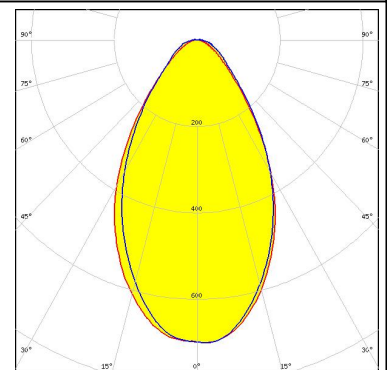
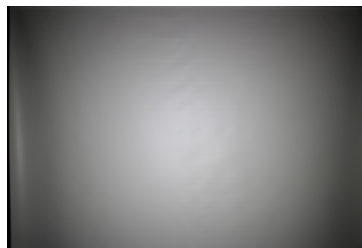
##### LG Innotek

LED LG 6030  
 FWHM 60.0°  
 Efficiency 86 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



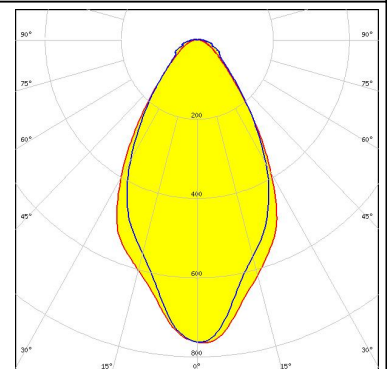
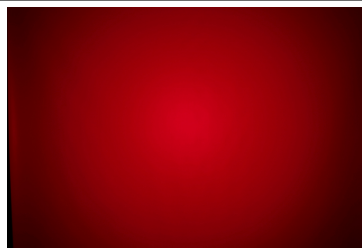
##### LUMILEDS

LED LUXEON 5050 Round LES  
 FWHM 62.5 + 60.0°  
 Efficiency 87 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



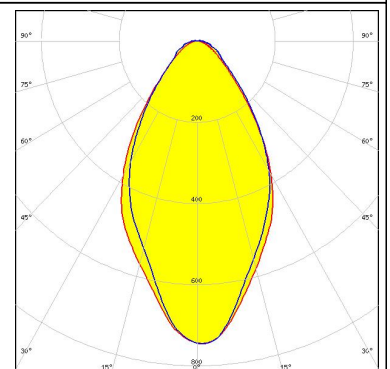
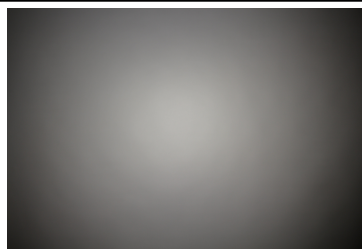
##### LUMINUS

LED SST-10-B130  
 FWHM 61.0°  
 Efficiency 88 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour Deep Red  
 Required components:



##### NICHIA

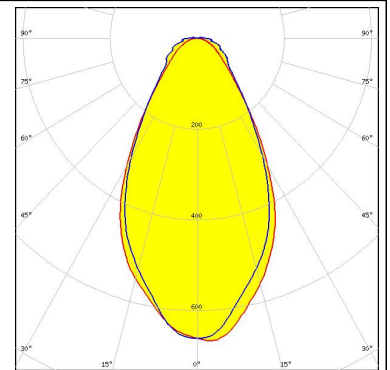
LED NVSxx19B/NVSxx19C  
 FWHM 59.0°  
 Efficiency 87 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

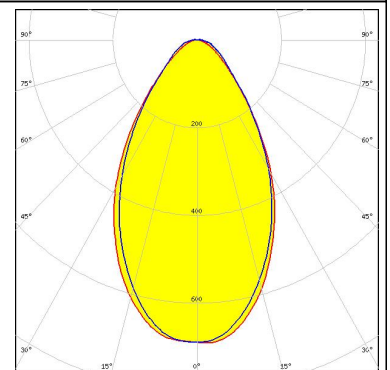
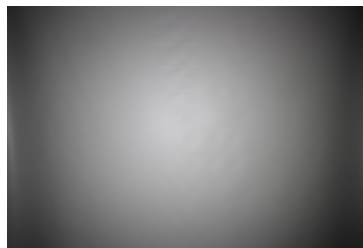
##### OSRAM Opto Semiconductors

LED Duris S2  
FWHM 58.0°  
Efficiency 82 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



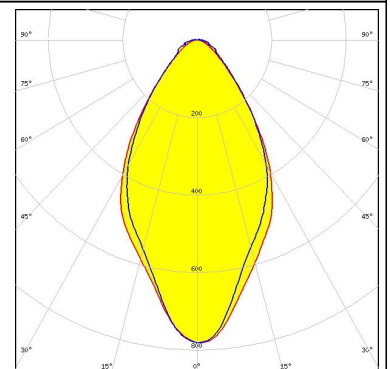
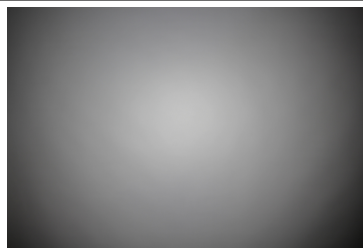
##### OSRAM Opto Semiconductors

LED Duris S8  
FWHM 62.0°  
Efficiency 86 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



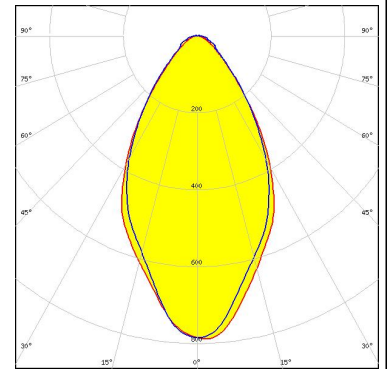
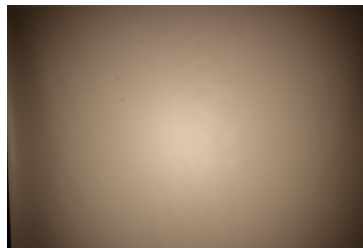
##### OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
FWHM 59.0°  
Efficiency 88 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:


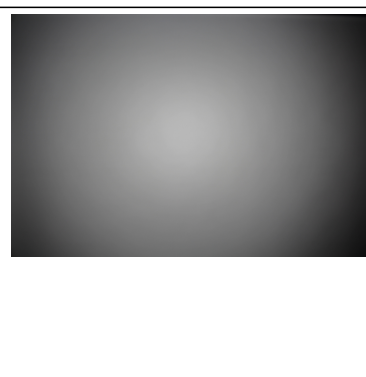
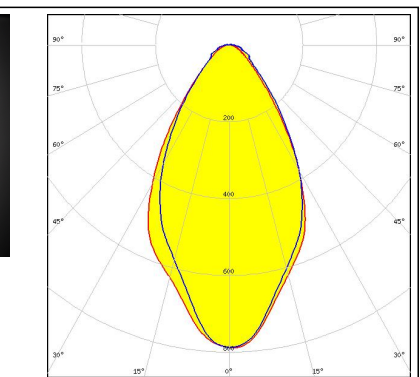

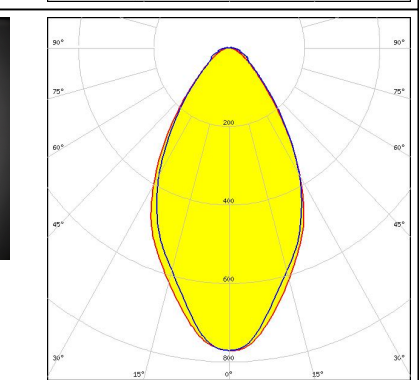


##### SEOUL SEMICONDUCTOR


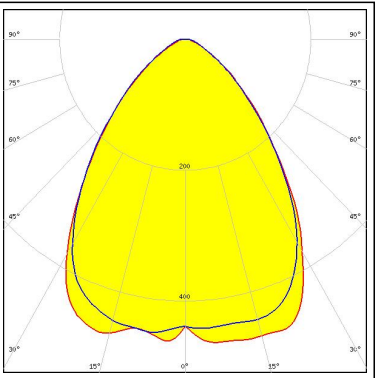

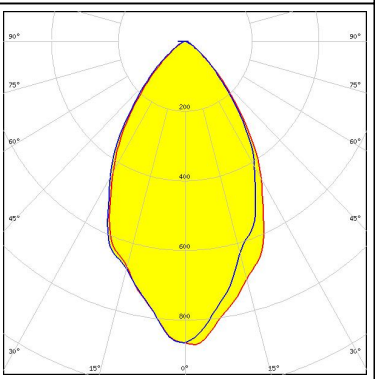

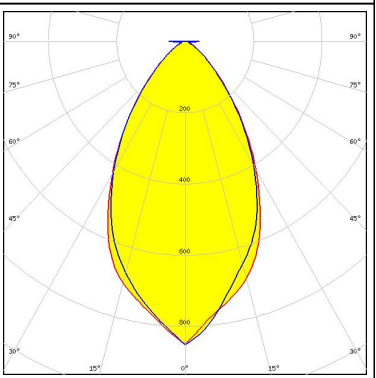

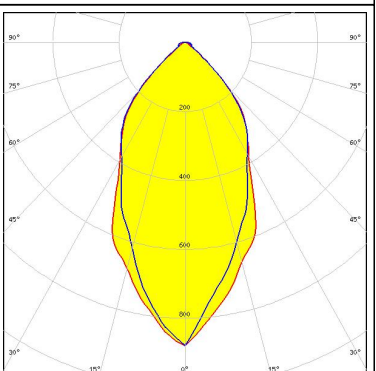
LED SEOUL 5630C  
FWHM 59.0°  
Efficiency 87 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED                    SEOUL DC 3030 FWHM                60.0 + 57.0° Efficiency            88 % Peak intensity      0.8 cd/lm LEDs/each optic    1 Light colour        White Required components:</p>		
<p><b>TRIDONIC</b></p> <p>LED                    LLE G2 55x280mm 2000lm FWHM                59.0° Efficiency            88 % Peak intensity      0.8 cd/lm LEDs/each optic    1 Light colour        White Required components:</p>		

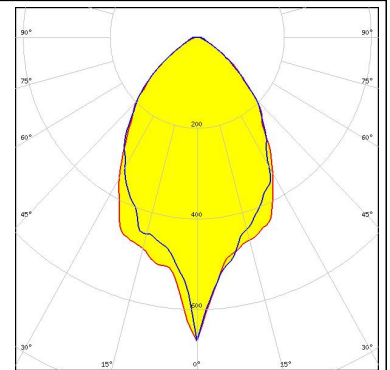
#### PHOTOMETRIC DATA (SIMULATED):

<p> <b>bridgelux</b></p> <p>LED                      Bridgelux SMD 5050            FWHM                  79.0°            Efficiency              83 %            Peak intensity        0.5 cd/lm            LEDs/each optic     1            Light colour          White            Required components:</p>	
<p> <b>CREE</b></p> <p>LED                      XP-G2            FWHM                  60.0°            Efficiency              92 %            Peak intensity        0.9 cd/lm            LEDs/each optic     1            Light colour          White            Required components:</p>	
<p> <b>CREE</b></p> <p>LED                      XP-G3            FWHM                  59.0°            Efficiency              92 %            Peak intensity        0.9 cd/lm            LEDs/each optic     1            Light colour          White            Required components:</p>	
<p> <b>LG Innotek</b></p> <p>LED                      LG 3528            FWHM                  52.0°            Efficiency              91 %            Peak intensity        0.9 cd/lm            LEDs/each optic     1            Light colour          White            Required components:</p>	

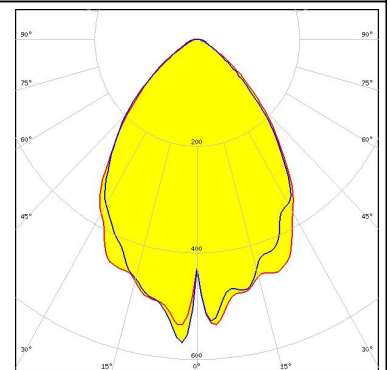
#### PHOTOMETRIC DATA (SIMULATED):



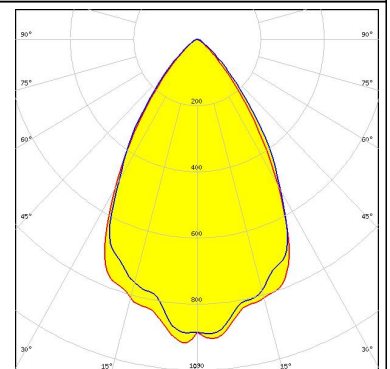
**LED** LUXEON CZ  
**FWHM** 61.0°  
**Efficiency** 83 %  
**Peak intensity** 0.7 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



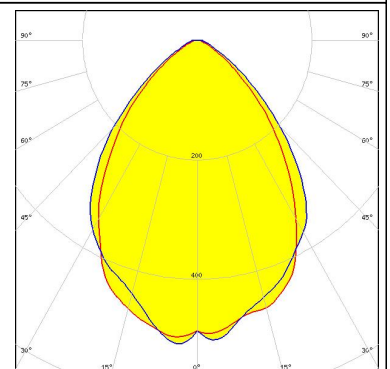
**LED** Duris E 2835  
**FWHM** 74.0°  
**Efficiency** 84 %  
**Peak intensity** 0.6 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** OSCONIQ P 3030  
**FWHM** 64.0°  
**Efficiency** 90 %  
**Peak intensity** 0.8 cd/lm  
**LEDs/each optic** 1  
**Light colour** Hyper Red  
**Required components:**



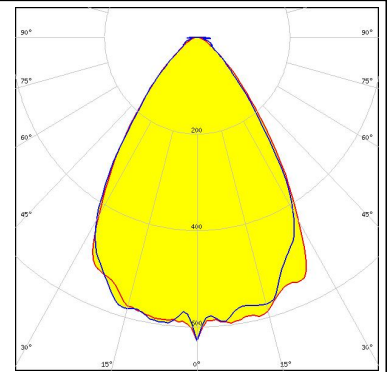
**LED** OSCONIQ P 3737 (2W version)  
**FWHM** 78.0°  
**Efficiency** 84 %  
**Peak intensity** 0.5 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



#### PHOTOMETRIC DATA (SIMULATED):

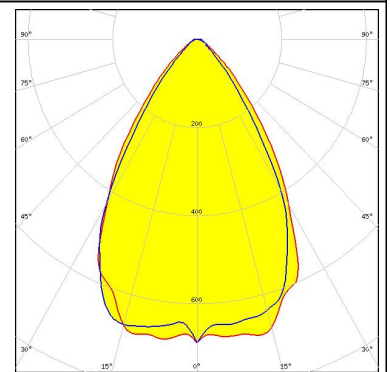
#### SAMSUNG

LED LM302Z  
 FWHM 70.0 + 69.0°  
 Efficiency 83 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:



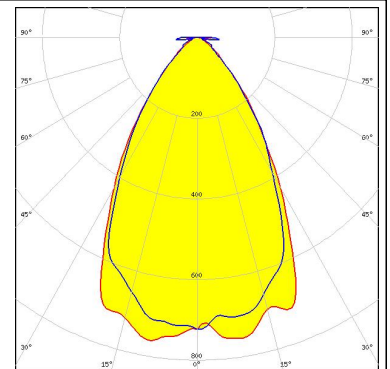
#### SAMSUNG

LED LM302Z  
 FWHM 68.0 + 64.0°  
 Efficiency 85 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:



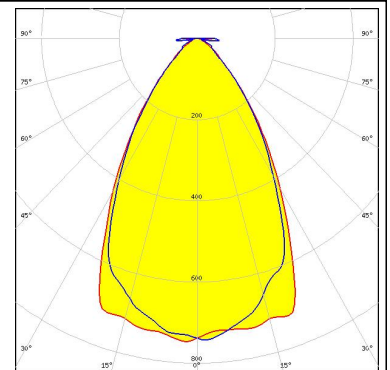
SEOUL SEMICONDUCTOR

LED Z8Y22  
 FWHM 62.0°  
 Efficiency 93 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P  
 FWHM 63.0°  
 Efficiency 93 %  
 Peak intensity 0.8 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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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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- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- 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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