


FLORENTINA-1-D

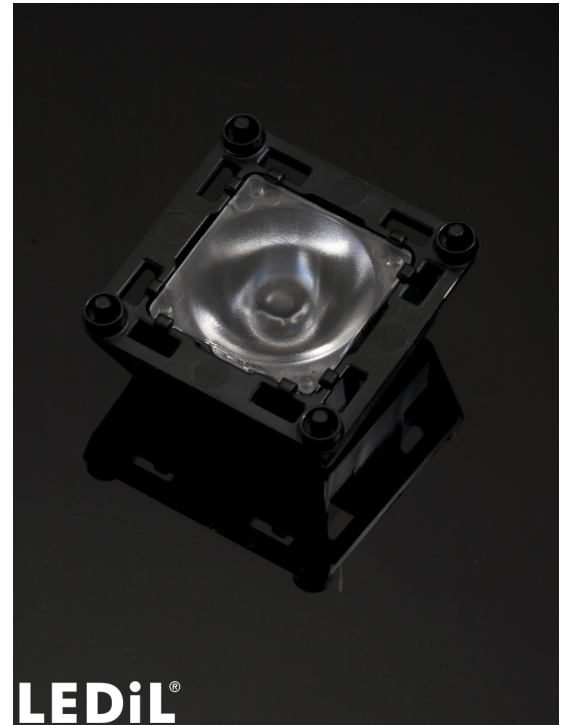
~18° diffused spot beam

TECHNICAL SPECIFICATIONS:

Dimensions	39.7 mm
Height	13 mm
Fastening	tape
ROHS compliant	yes 

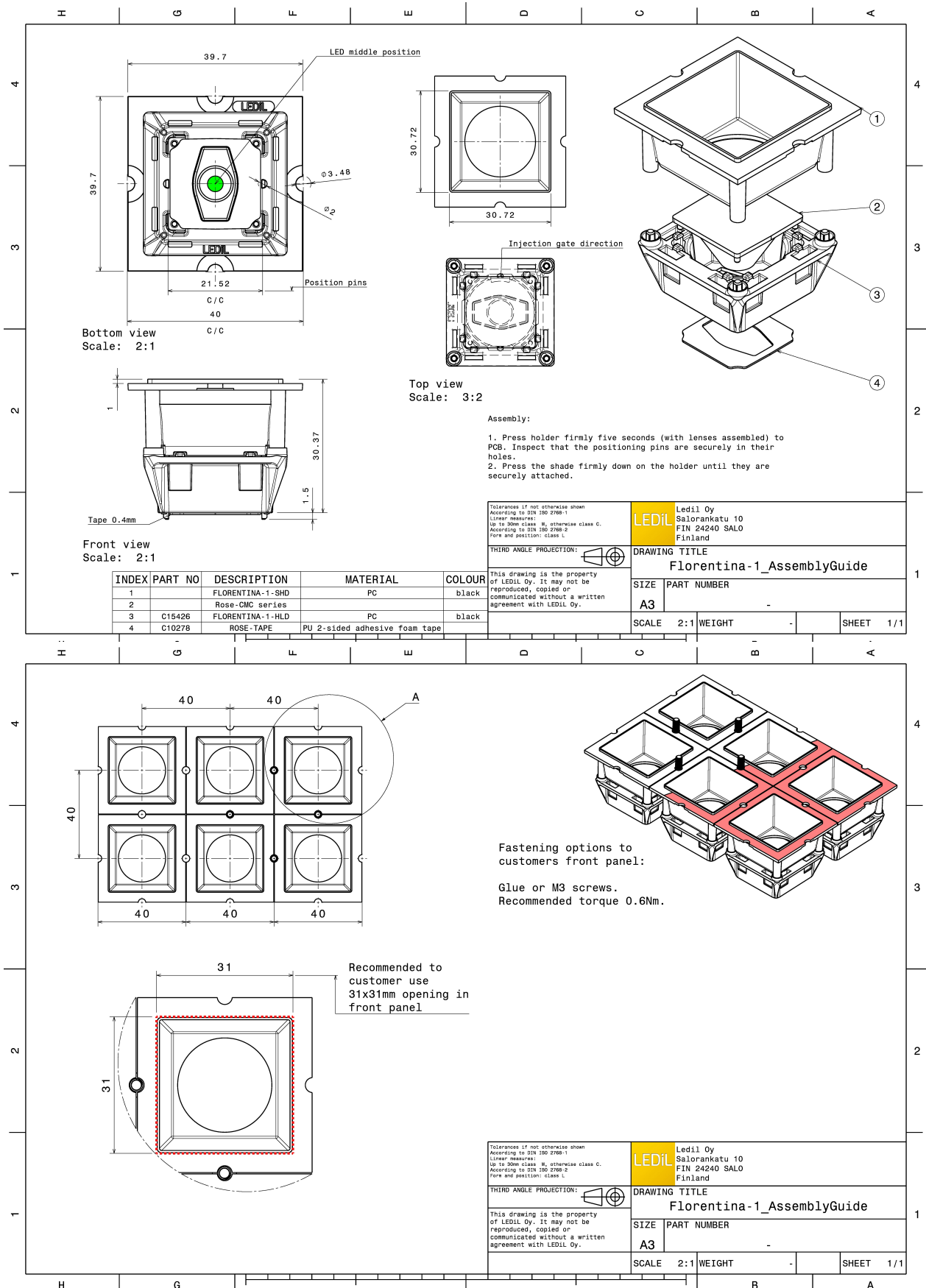
MATERIAL SPECIFICATIONS:

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:

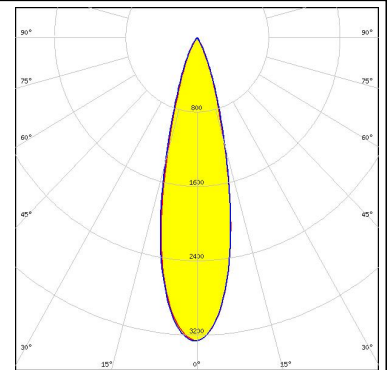
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCA15450_FLORENTINA-1-D	Single lens	840		60	7.9
» Box size: 480 x 280 x 300 mm					



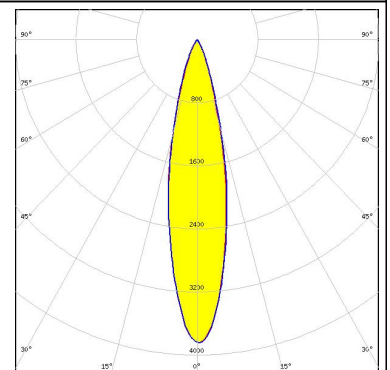
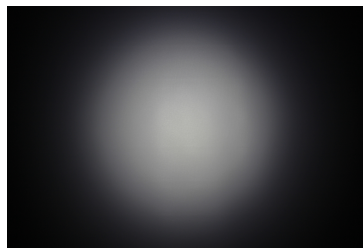
PHOTOMETRIC DATA (MEASURED):



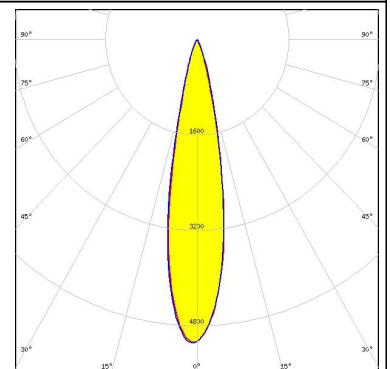
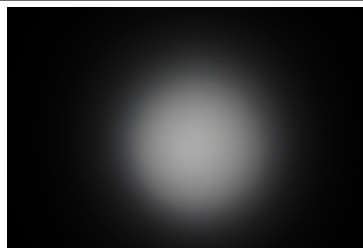
LED Bridgelux SMD 5050
 FWHM 26.0°
 Efficiency 78 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



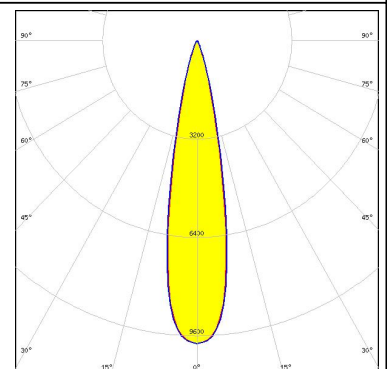
LED XHP35 HD
 FWHM 23.0°
 Efficiency 77 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



LED XHP35 HI
 FWHM 21.0°
 Efficiency 77 %
 Peak intensity 5.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



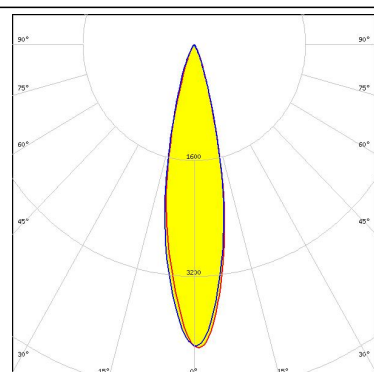
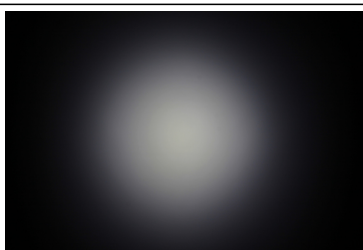
LED XP-G2
 FWHM 21.0°
 Efficiency 77 %
 Peak intensity 5.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



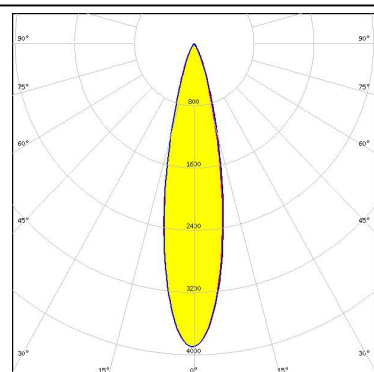
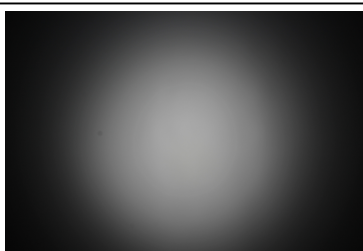
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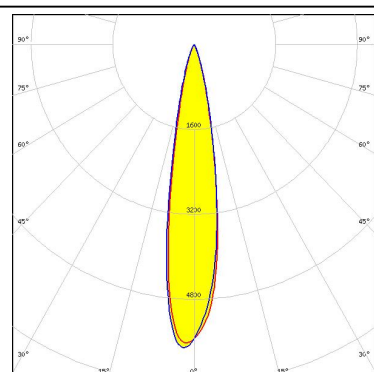
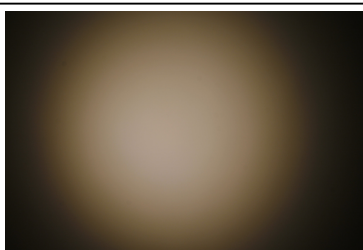
LED XP-L HD
FWHM 23.0°
Efficiency 76 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



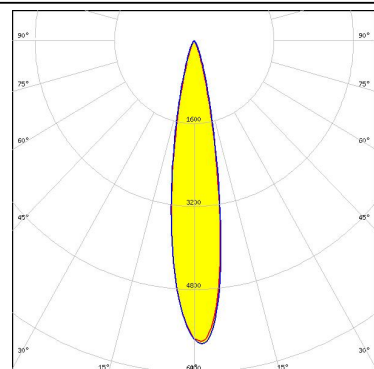
LED XP-L2
FWHM 23.0°
Efficiency 75 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



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



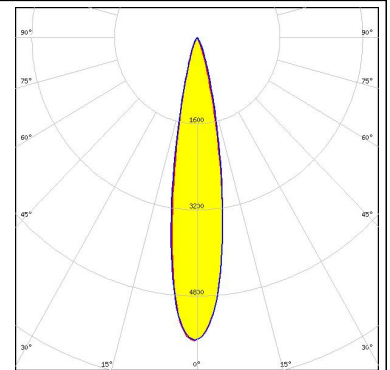
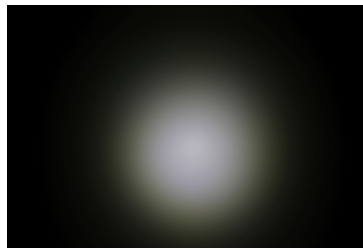
LED LG 5630
FWHM 19.0°
Efficiency 82 %
Peak intensity 5.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16701_FLORENTINA-1-SHD-60-WHT



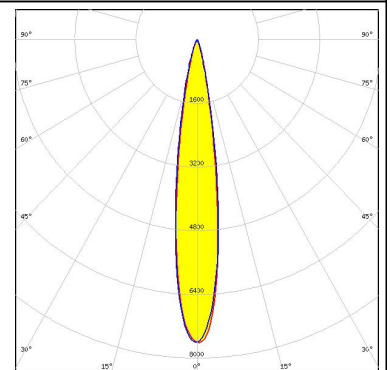
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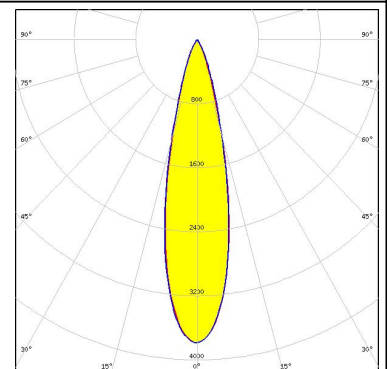
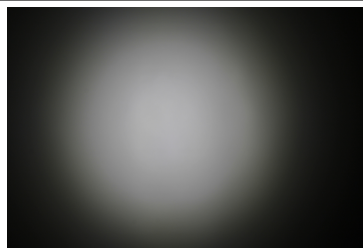
LED LG 5630
FWHM 19.0°
Efficiency 81 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



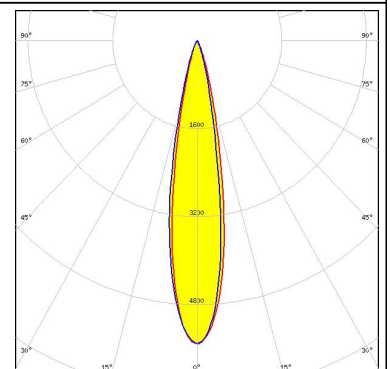
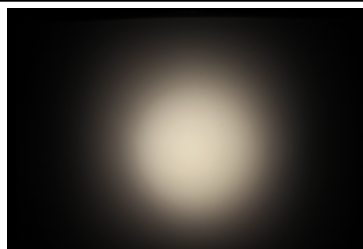
LED LUXEON 3030 2D (Round LES)
FWHM 16.0°
Efficiency 79 %
Peak intensity 7.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



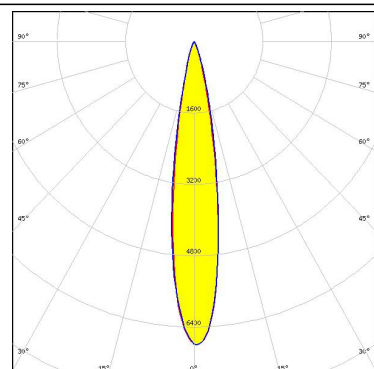
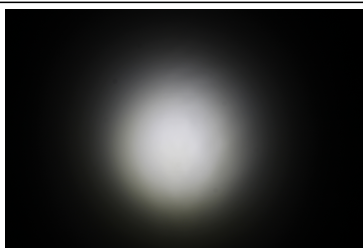
LED LUXEON TX
FWHM 19.0°
Efficiency 77 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



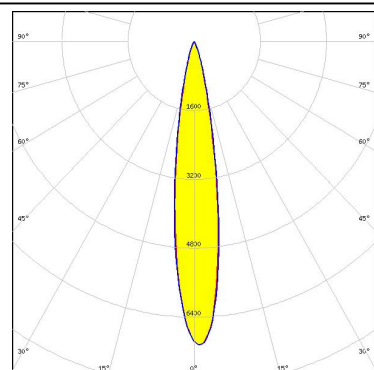
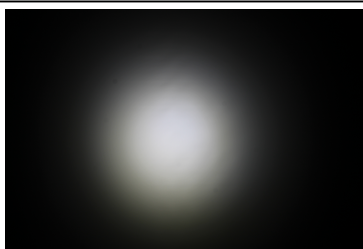
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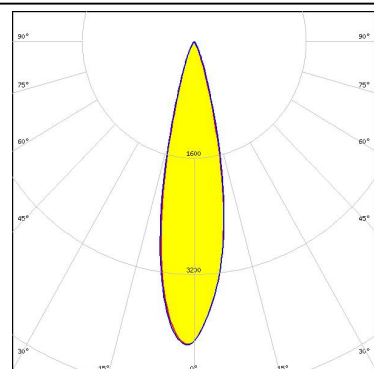
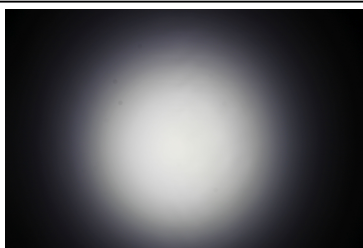
LED NF2x757G
FWHM 18.0°
Efficiency 82 %
Peak intensity 6.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16701_FLORENTINA-1-SHD-60-WHT



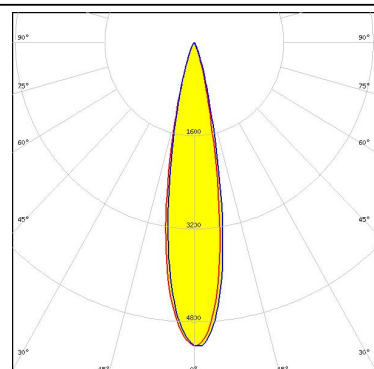
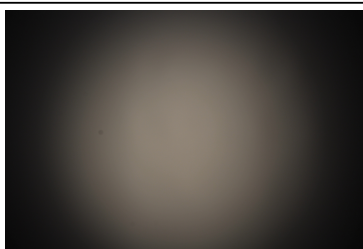
LED NF2x757G
FWHM 17.0°
Efficiency 81 %
Peak intensity 7.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



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



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

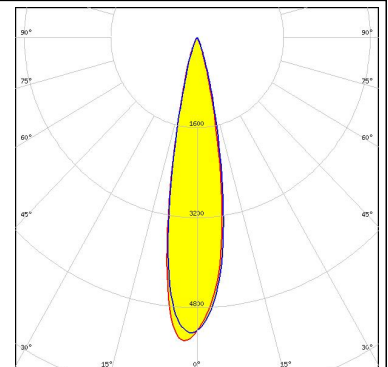


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

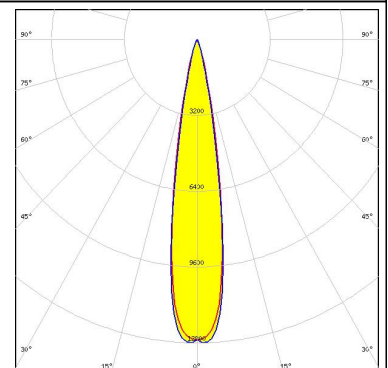
LED OSLON Square CSSRM2/CSSRM3
FWHM 20.0°
Efficiency 79 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



OSRAM

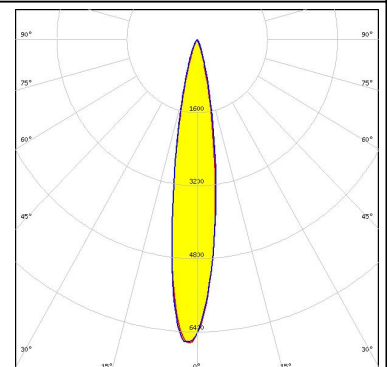
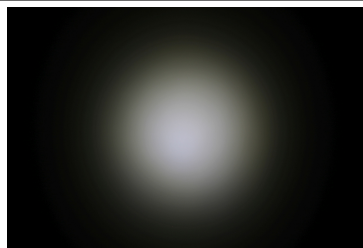
Opto Semiconductors

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



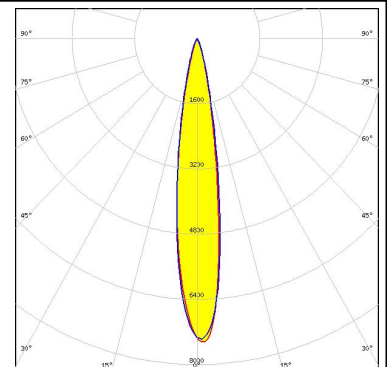
SAMSUNG

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



SEOUL SEMICONDUCTOR

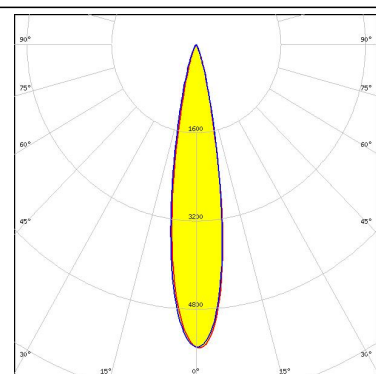
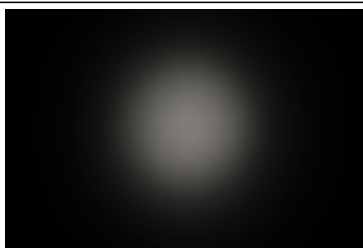
LED SEOUL 5630
FWHM 16.0°
Efficiency 82 %
Peak intensity 7.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



PHOTOMETRIC DATA (MEASURED):



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:

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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