


FLORENTINA-1-SS

~16° smooth spot beam

TECHNICAL SPECIFICATIONS:

Dimensions	39.7 mm
Height	13 mm
Fastening	tape
ROHS compliant	yes 

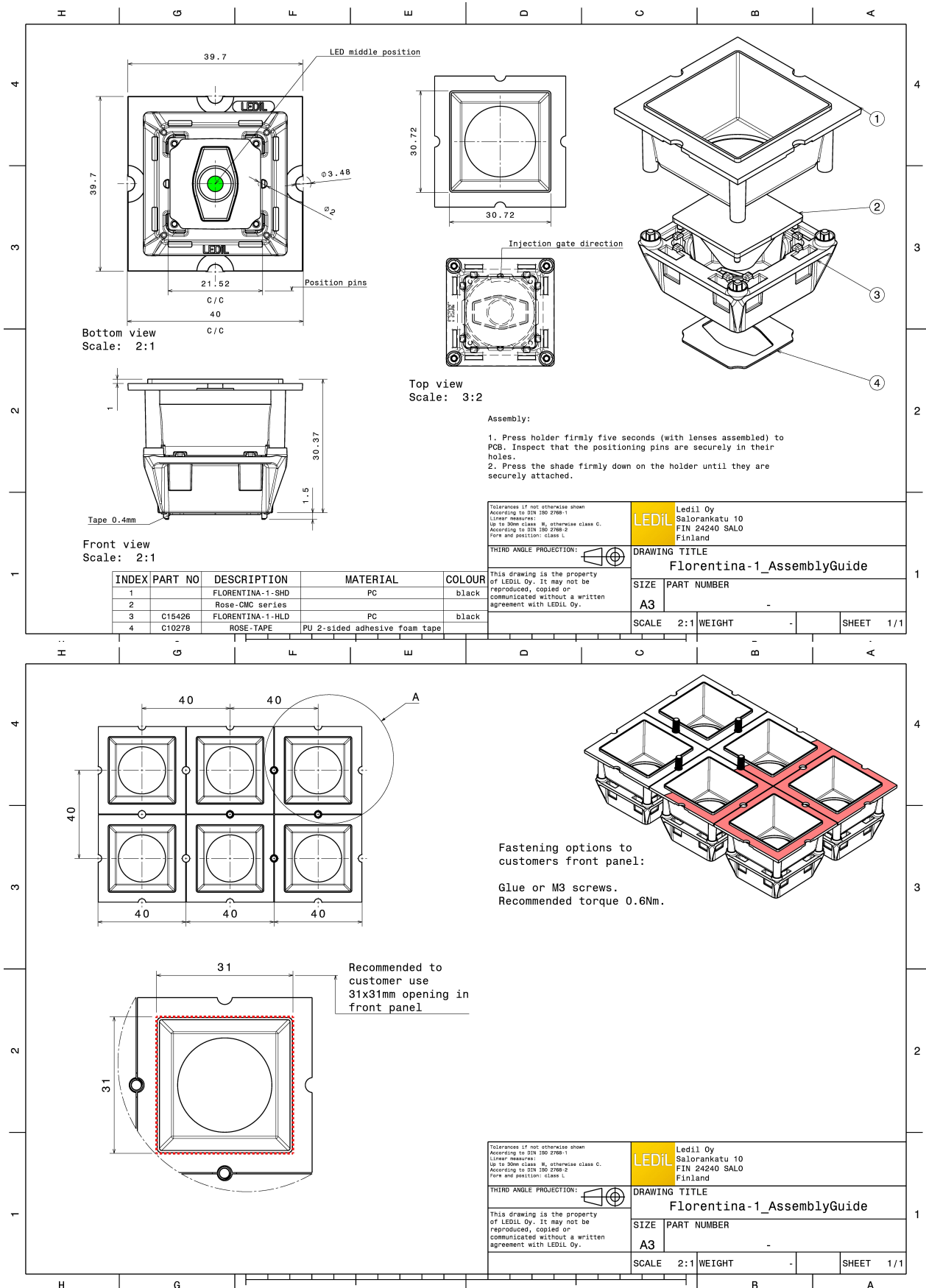
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ROSE-CMC-SS	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)
FCA15448_FLORENTINA-1-SS	Single lens	840		60	7.9
» Box size: 480 x 280 x 300 mm					

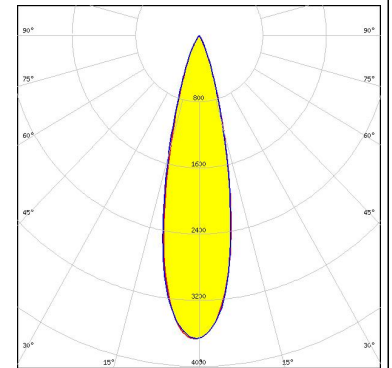




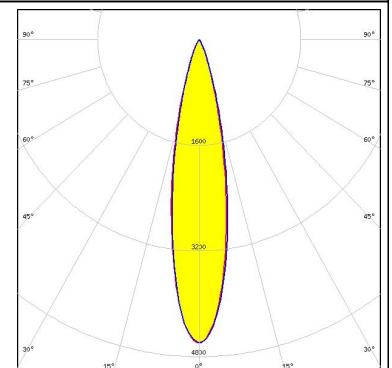
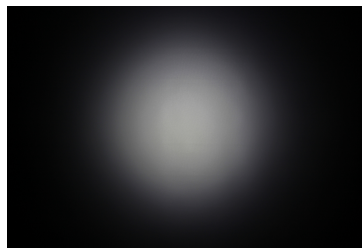
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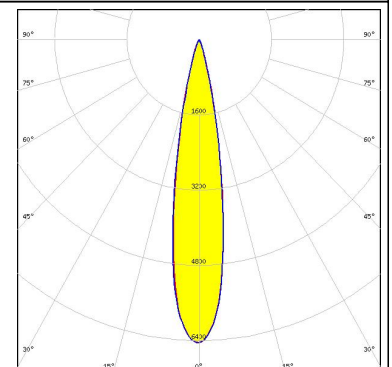
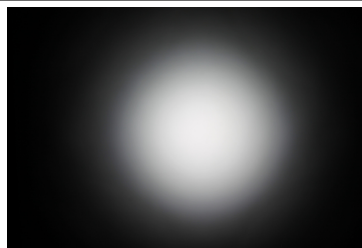
LED Bridgelux SMD 5050
FWHM 25.0°
Efficiency 82 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



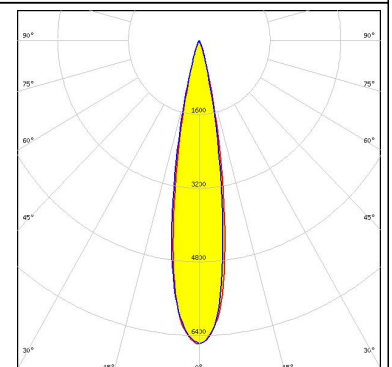
LED XHP35 HD
FWHM 21.0°
Efficiency 80 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



LED XHP35 HI
FWHM 19.0°
Efficiency 80 %
Peak intensity 6.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



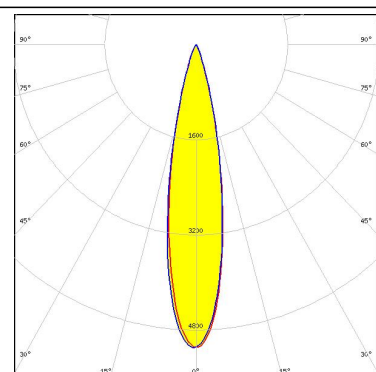
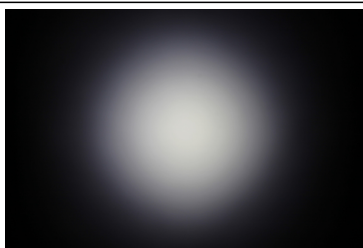
LED XP-G2
FWHM 19.0°
Efficiency 80 %
Peak intensity 6.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



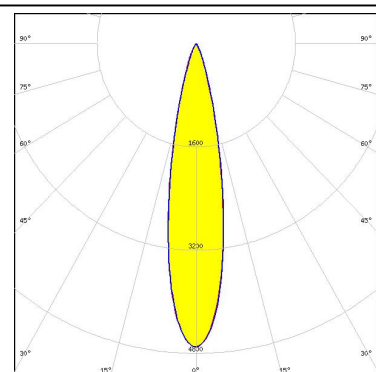
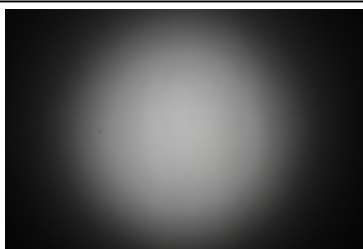
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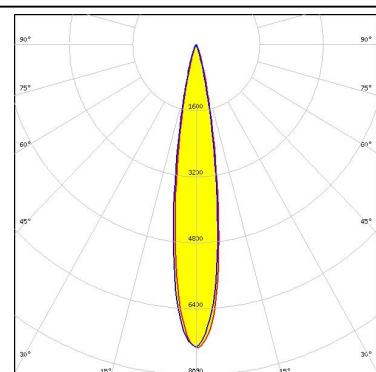
LED XP-L HD
FWHM 21.0°
Efficiency 79 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



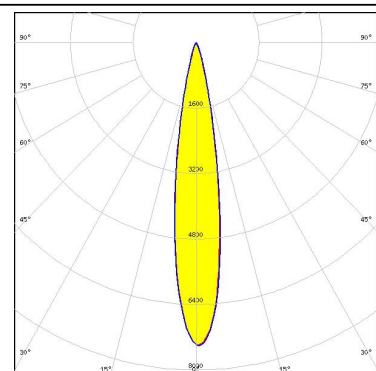
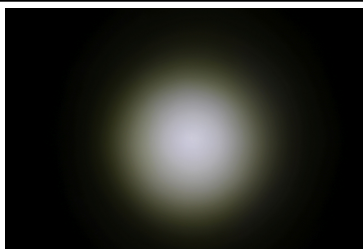
LED XP-L2
FWHM 21.0°
Efficiency 78 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



LED XT-E
FWHM 17.0°
Efficiency 78 %
Peak intensity 7.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



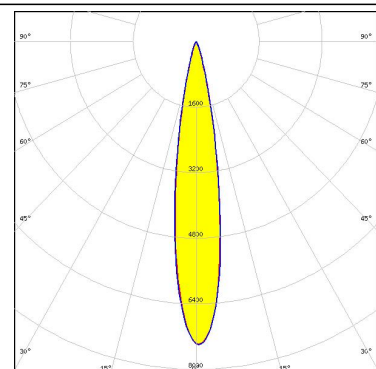
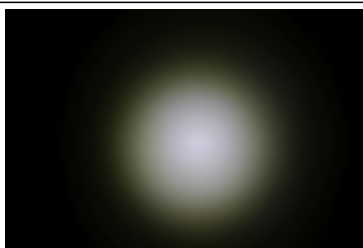
LED LG 5630
FWHM 17.0°
Efficiency 85 %
Peak intensity 7.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16701_FLORENTINA-1-SHD-60-WHT



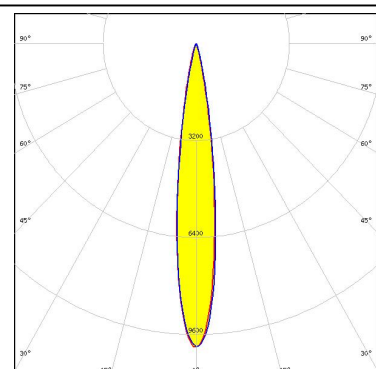
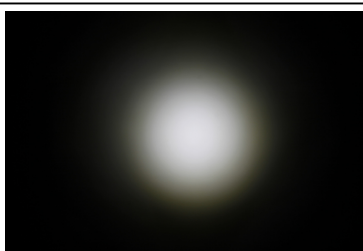
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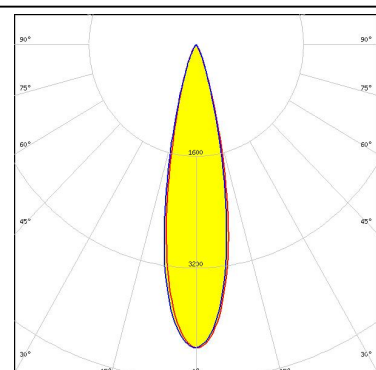
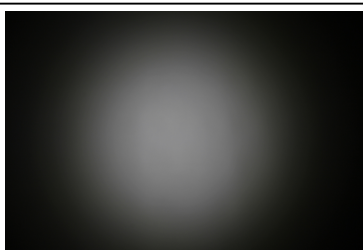
LED LG 5630
FWHM 17.0°
Efficiency 84 %
Peak intensity 7.5 cd/Im
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



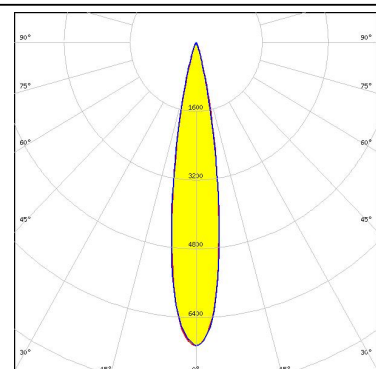
LED LUXEON 3030 2D (Round LES)
FWHM 15.0°
Efficiency 82 %
Peak intensity 10 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON 5050 Round LES
FWHM 23.0°
Efficiency 83 %
Peak intensity 4.4 cd/Im
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



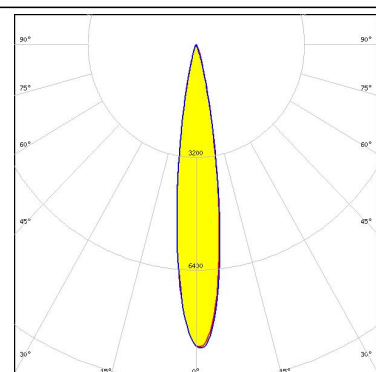
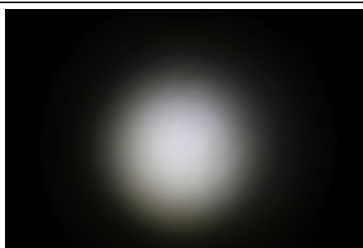
LED LUXEON TX
FWHM 18.0°
Efficiency 80 %
Peak intensity 7.1 cd/Im
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



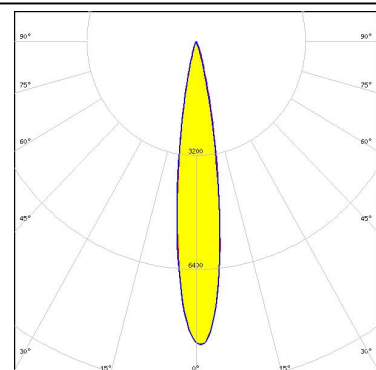
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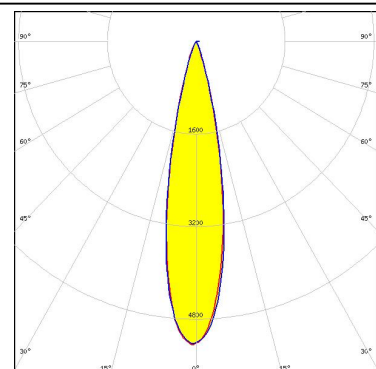
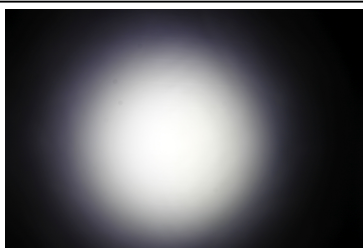
LED NF2x757G
FWHM 16.0°
Efficiency 85 %
Peak intensity 8.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16701_FLORENTINA-1-SHD-60-WHT



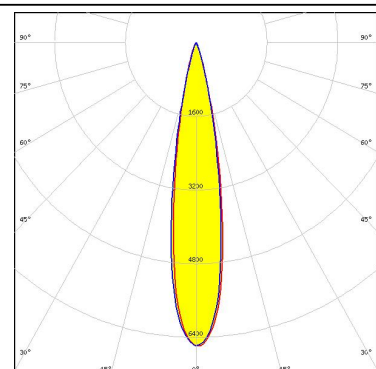
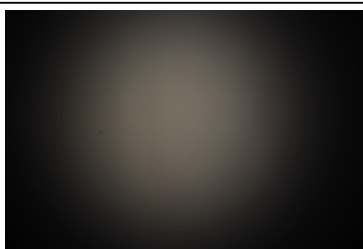
LED NF2x757G
FWHM 16.0°
Efficiency 84 %
Peak intensity 8.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



LED NVSW319B
FWHM 22.0°
Efficiency 84 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



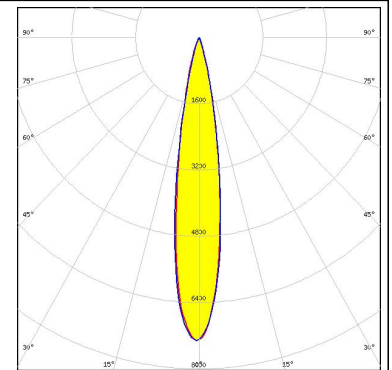
LED NVSxx19B/NVSxx19C
FWHM 19.0°
Efficiency 81 %
Peak intensity 6.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



PHOTOMETRIC DATA (MEASURED):

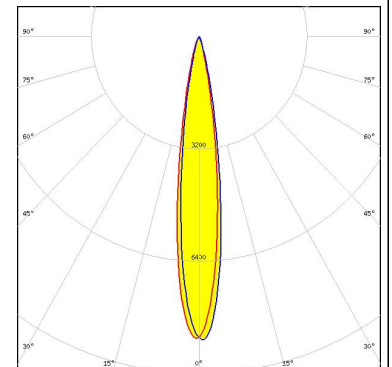
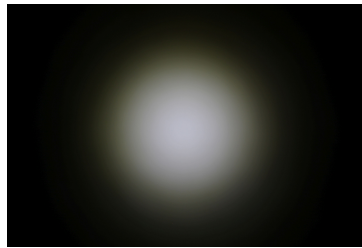
OSRAM
Opto Semiconductors

LED OSLON Square EC
FWHM 17.0°
Efficiency 81 %
Peak intensity 7.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



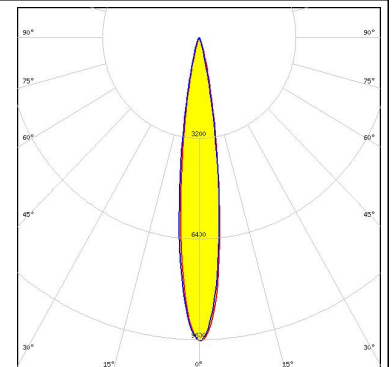
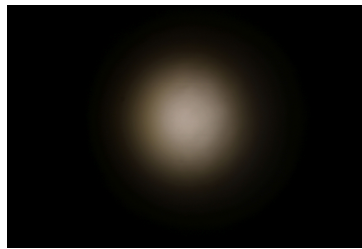
SAMSUNG

LED LM561B
FWHM 15.0°
Efficiency 84 %
Peak intensity 8.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



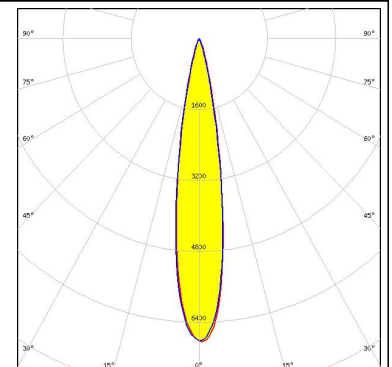
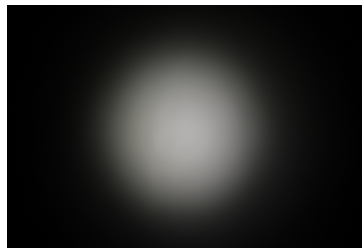
SEOUL
SEOUL SEMICONDUCTOR

LED SEOUL 5630
FWHM 15.0°
Efficiency 86 %
Peak intensity 9.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL
SEOUL SEMICONDUCTOR

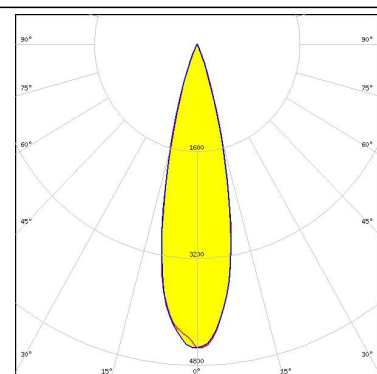
LED Z8Y22P
FWHM 18.0°
Efficiency 77 %
Peak intensity 6.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



PHOTOMETRIC DATA (SIMULATED):



LED XP-G2 HE
FWHM 25.0°
Efficiency 90 %
Peak intensity 4.6 cd/Im
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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