

FLORENTINA-1-D

~18° diffused spot beam

SPECIFICATION:

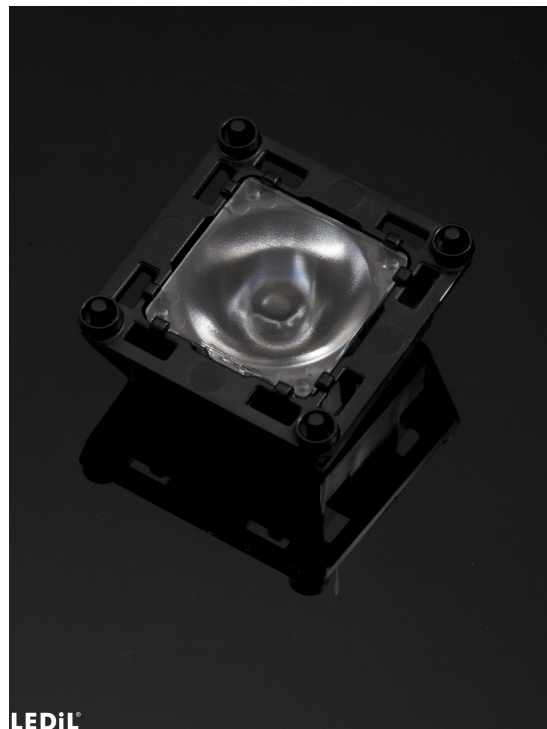
Dimensions	39.7 x 39.7 mm
Height	13 mm
Fastening	tape
ROHS compliant	yes ⓘ

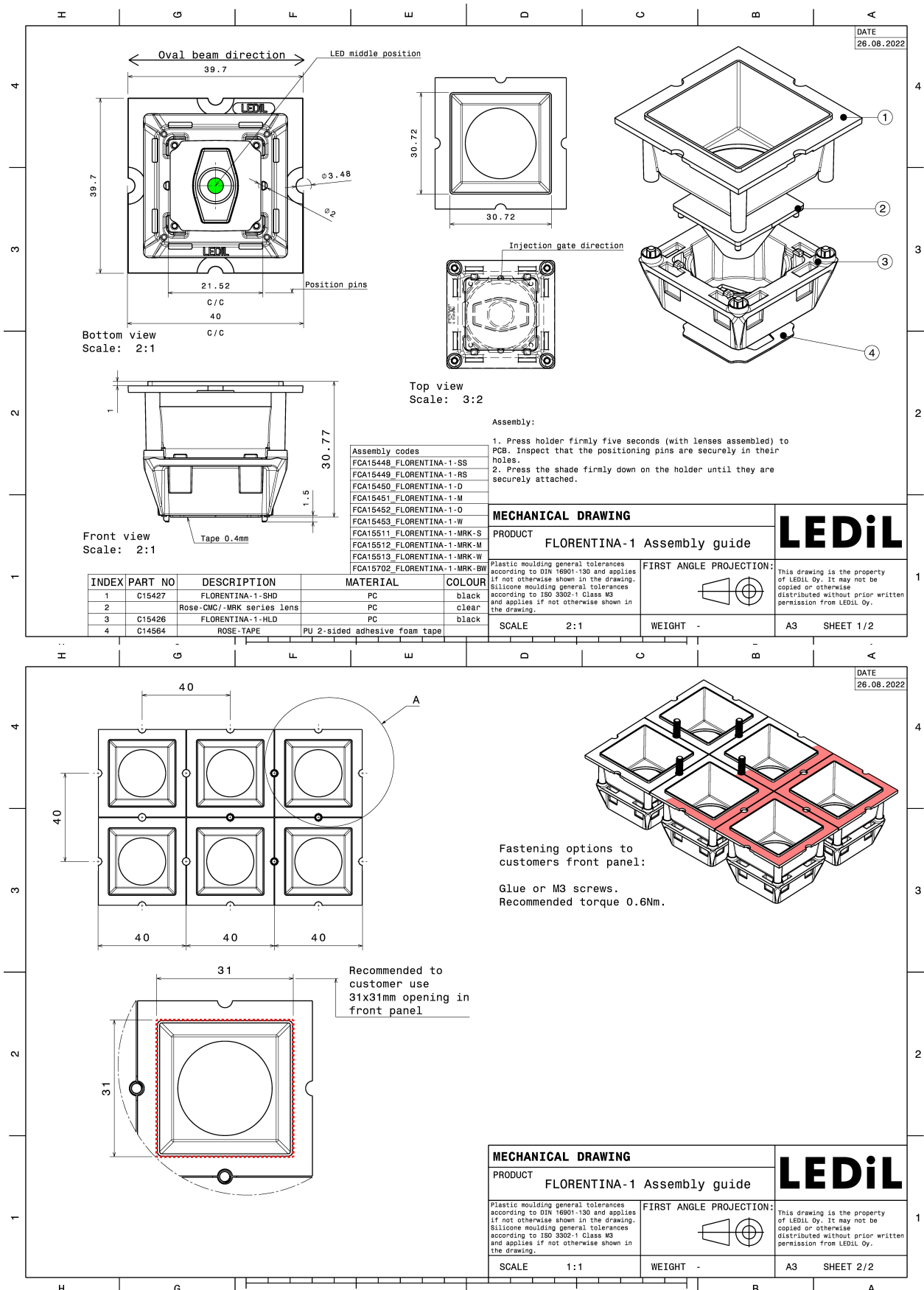
MATERIALS:

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



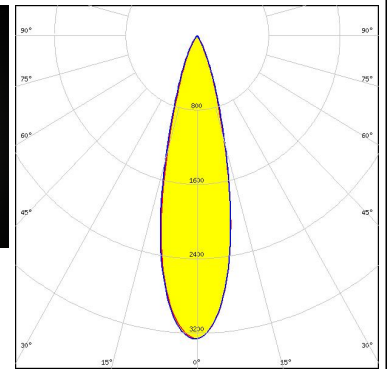


See also our general installation guide: www.ledil.com/installation_guide

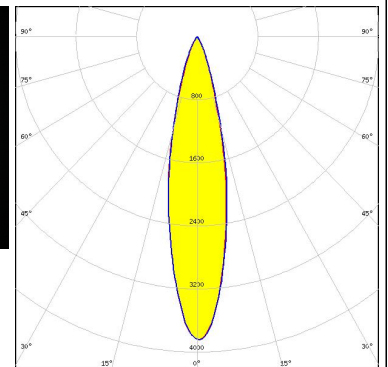
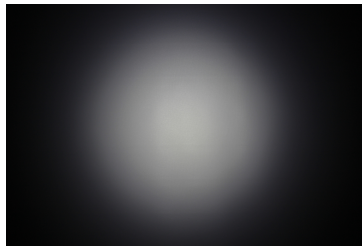
OPTICAL RESULTS (MEASURED):



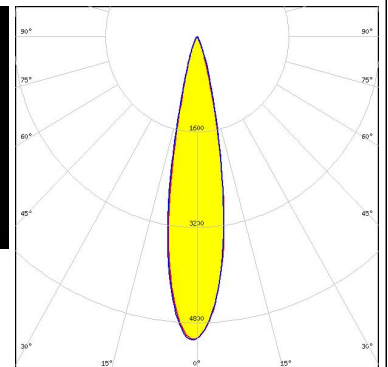
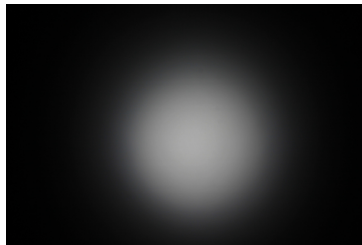
LED Bridgelux SMD 5050
 FWHM / FWTM 26.0° / 48.0°
 Efficiency 78 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



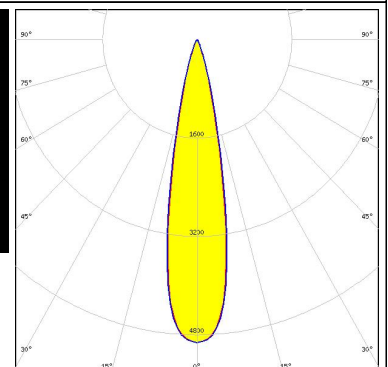
LED XHP35 HD
 FWHM / FWTM 23.0° / 45.0°
 Efficiency 77 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



LED XHP35 HI
 FWHM / FWTM 21.0° / 37.0°
 Efficiency 77 %
 Peak intensity 5.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



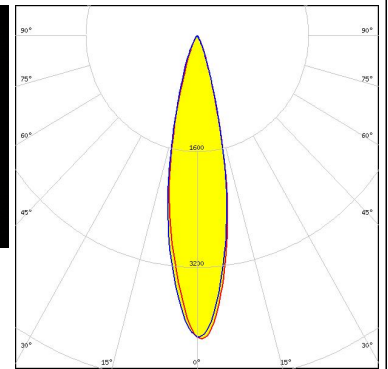
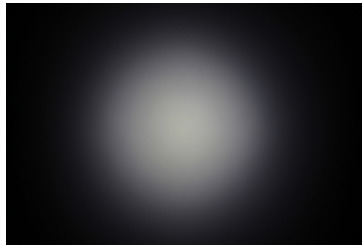
LED XP-G2
 FWHM / FWTM 21.0° / 37.0°
 Efficiency 77 %
 Peak intensity 5.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



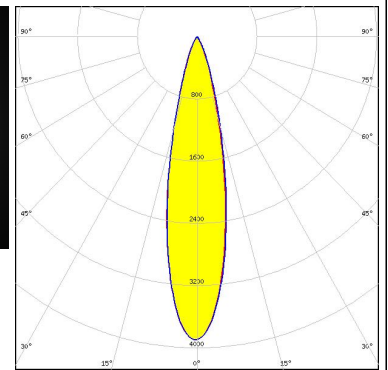
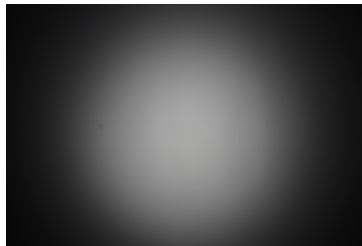
OPTICAL RESULTS (MEASURED):



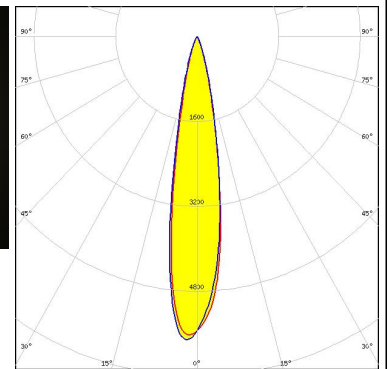
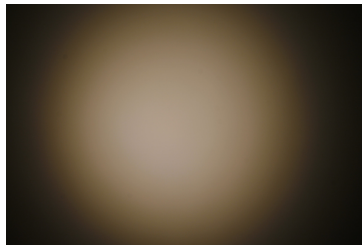
LED XP-L HD
 FWHM / FWTM 23.0° / 42.0°
 Efficiency 76 %
 Peak intensity 4.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



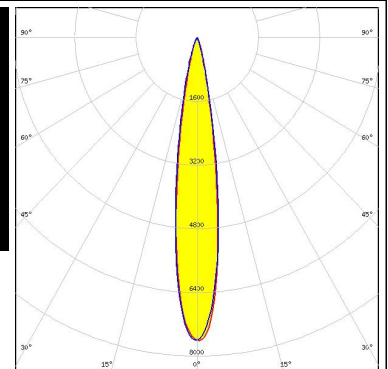
LED XP-L2
 FWHM / FWTM 23.0° / 44.0°
 Efficiency 75 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



LED XT-E
 FWHM / FWTM 18.0° / 35.0°
 Efficiency 76 %
 Peak intensity 5.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



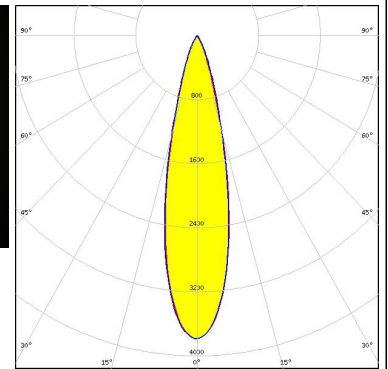
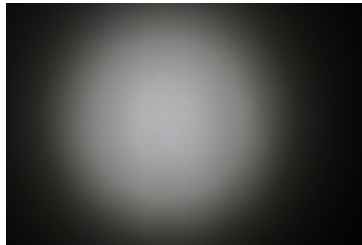
LED LUXEON 3030 2D (Round LES)
 FWHM / FWTM 16.0° / 31.0°
 Efficiency 79 %
 Peak intensity 7.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



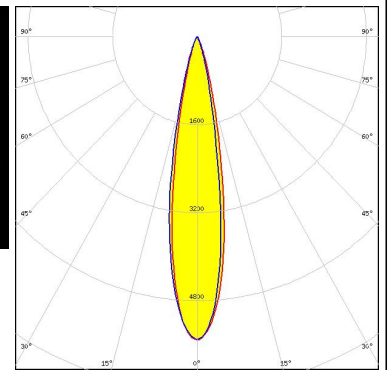
OPTICAL RESULTS (MEASURED):



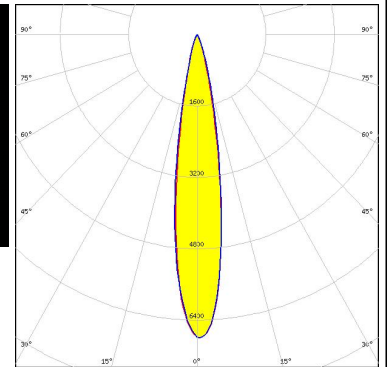
LED LUXEON 5050 Round LES
 FWHM / FWTM 24.0° / 45.0°
 Efficiency 79 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



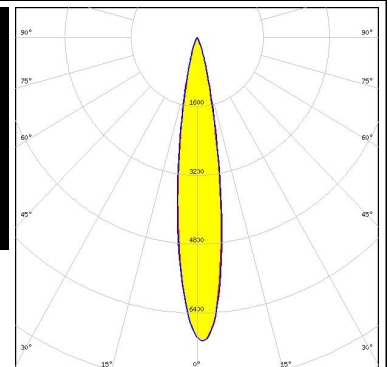
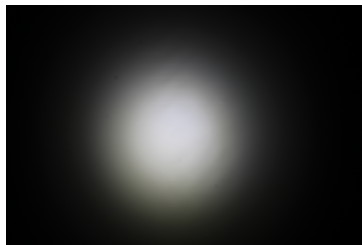
LED LUXEON TX
 FWHM / FWTM 19.0° / 36.0°
 Efficiency 77 %
 Peak intensity 5.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



LED NF2x757G
 FWHM / FWTM 18.0° / 34.0°
 Efficiency 82 %
 Peak intensity 6.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16701_FLORENTINA-1-SHD-60-WHT



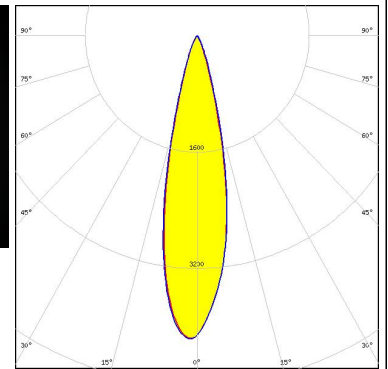
LED NF2x757G
 FWHM / FWTM 17.0° / 33.0°
 Efficiency 81 %
 Peak intensity 7.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



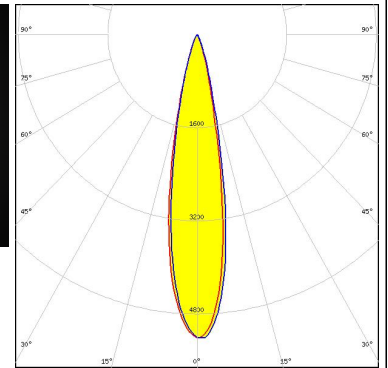
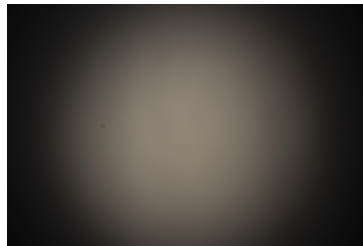
OPTICAL RESULTS (MEASURED):



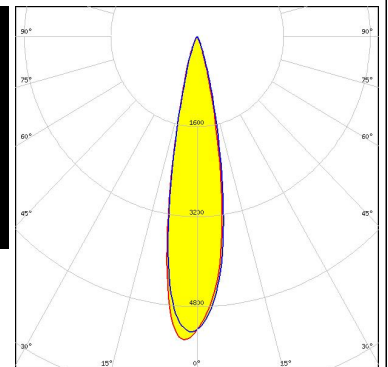
LED NVSW319B
FWHM / FWTM 24.0° / 42.0°
Efficiency 79 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



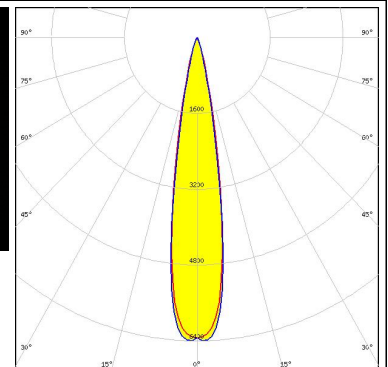
LED NVSxx19B/NVSxx19C
FWHM / FWTM 20.0° / 37.0°
Efficiency 78 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 20.0° / 36.0°
Efficiency 79 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



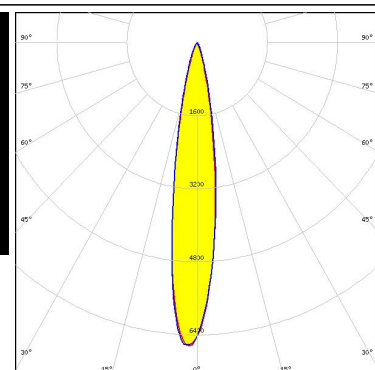
LED OSLON SSL 150
FWHM / FWTM 18.0° / 32.0°
Efficiency 77 %
Peak intensity 6.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



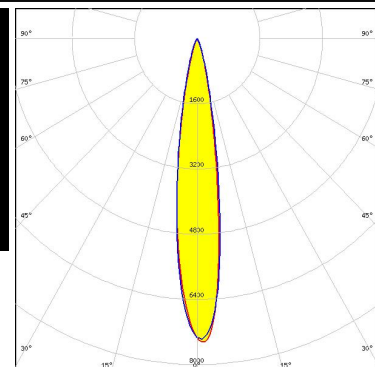
OPTICAL RESULTS (MEASURED):

SAMSUNG

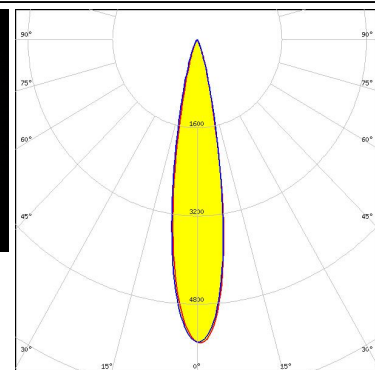
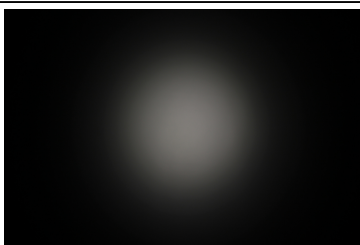
LED LM561B
FWHM / FWTM 17.0° / 34.0°
Efficiency 80 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



SEOUL SEMICONDUCTOR
LED SEOUL 5630
FWHM / FWTM 16.0° / 33.0°
Efficiency 82 %
Peak intensity 7.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



SEOUL SEMICONDUCTOR
LED Z8Y22P
FWHM / FWTM 19.0° / 35.0°
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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