

FLORENTINA-HLD-D

~18° diffused spot beam

SPECIFICATION:

Dimensions	285.6 x 19.5 mm
Height	9.5 mm
Fastening	screw
ROHS compliant	yes ⓘ

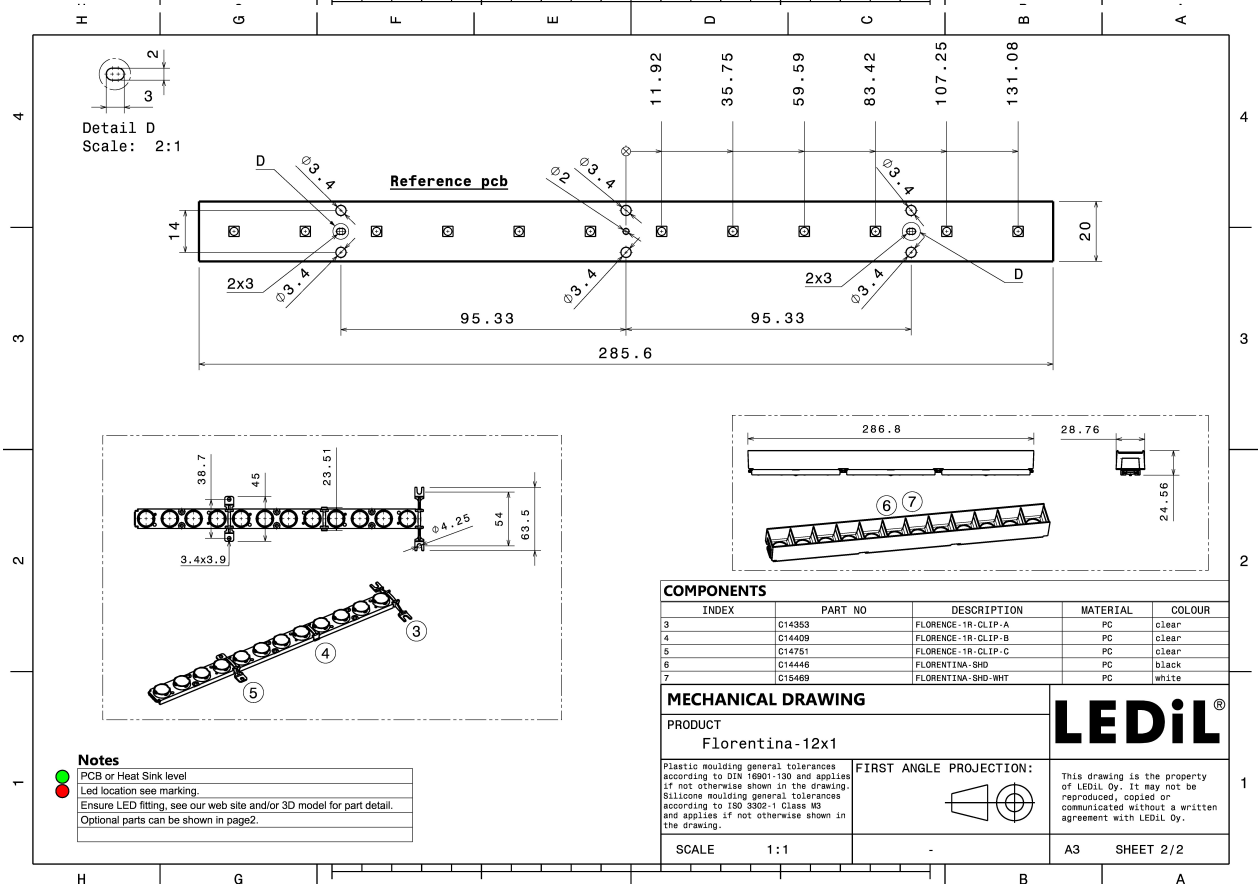
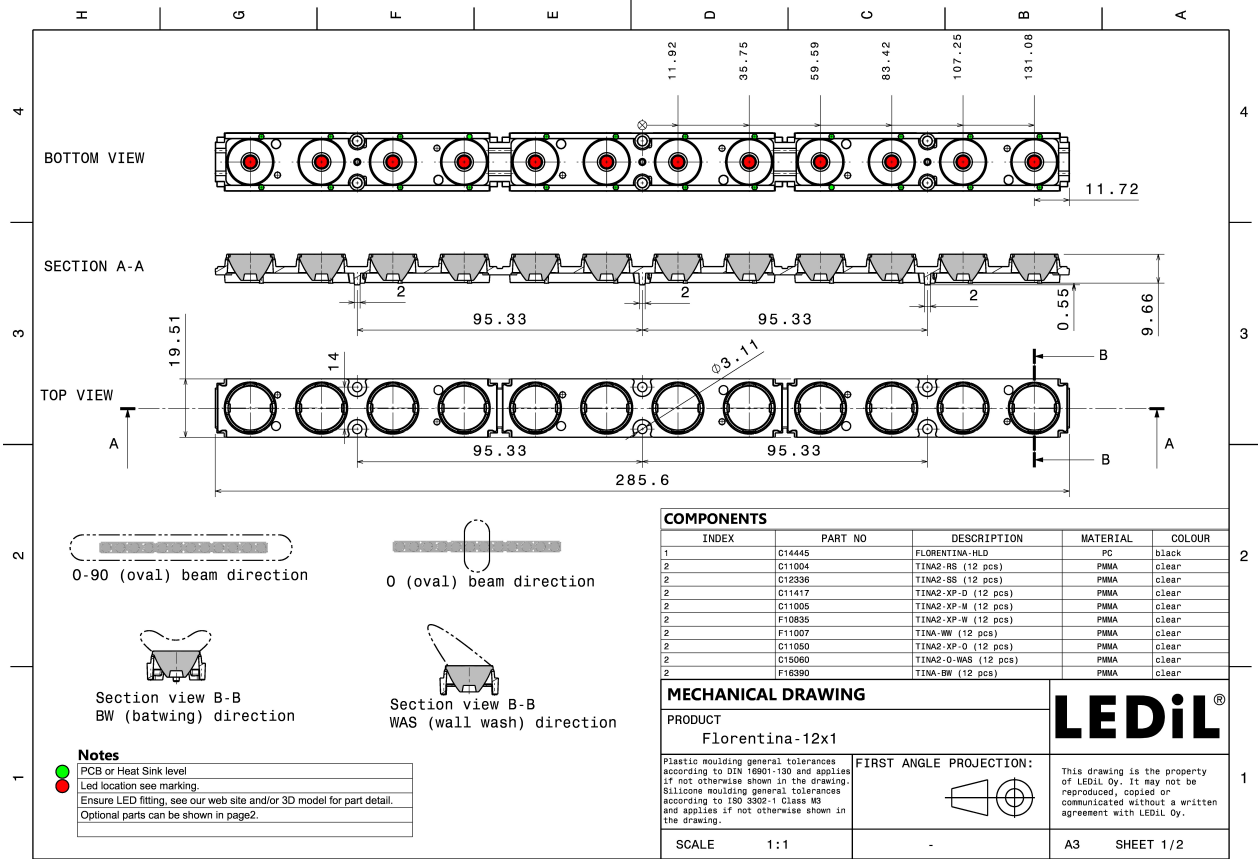
MATERIALS:

Component	Type	Material	Colour	Finish
TINA2-XP-D	Single lens	PMMA	clear	
FLORENTINA-HLD	Holder	PC	black	

ORDERING INFORMATION:


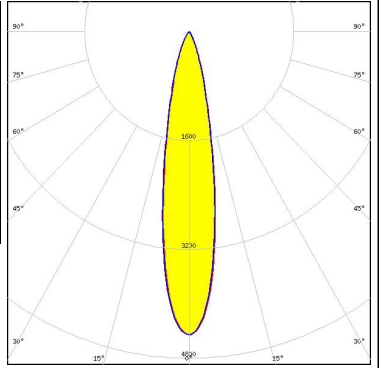

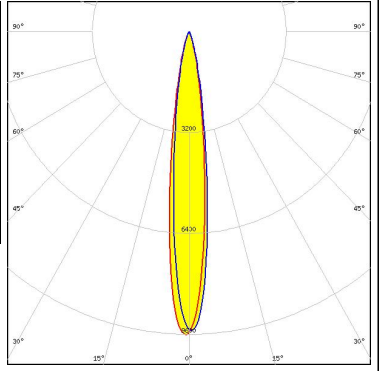
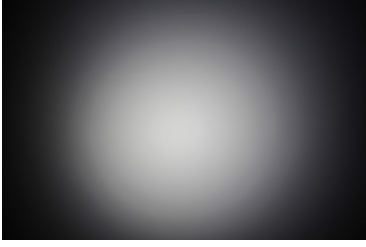
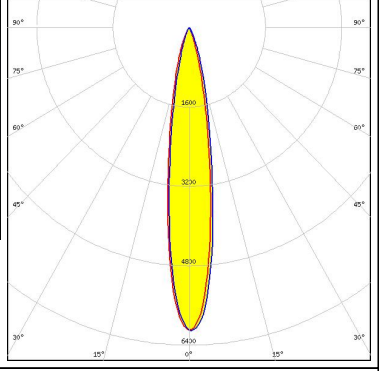

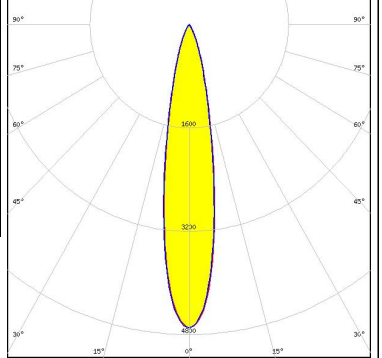
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP14996_FLORENTINA-HLD-D » Box size: 398 x 298 x 140 mm	Single lens	160	32	16	5.2





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

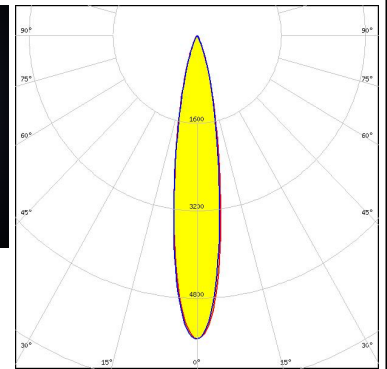
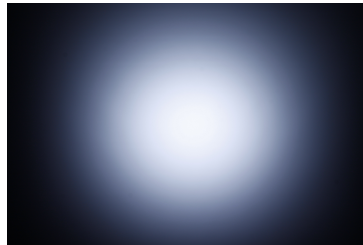
OPTICAL RESULTS (MEASURED):

<p>COMET ELECTRONICS</p> <p>LED QUICK FLUX LED FL-XG 1x12 xxx</p> <p>FWHM / FWTM 20.0° / 43.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 4.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14446_FLORENTINA-SHD</p>		
<p>CREE LEDs</p> <p>LED XP-E2</p> <p>FWHM / FWTM 13.0° / 30.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 9.6 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14446_FLORENTINA-SHD</p>		
<p>CREE LEDs</p> <p>LED XP-G2</p> <p>FWHM / FWTM 17.0° / 37.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 6.2 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14446_FLORENTINA-SHD</p>		
<p>CREE LEDs</p> <p>LED XP-G3</p> <p>FWHM / FWTM 19.0° / 42.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 4.7 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14446_FLORENTINA-SHD</p>		

OPTICAL RESULTS (MEASURED):

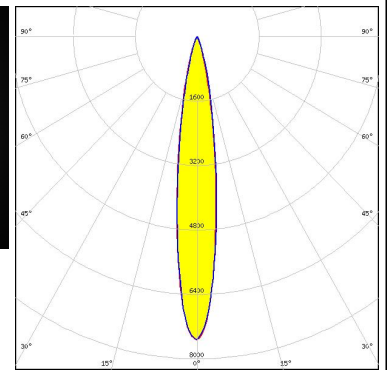
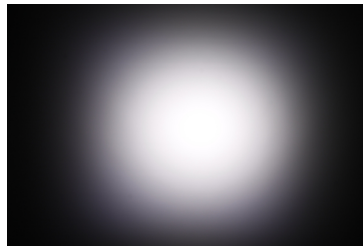
LUMILEDS

LED LUXEON Rebel ES
 FWHM / FWTM 18.0° / 39.0°
 Efficiency 81 %
 Peak intensity 5.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



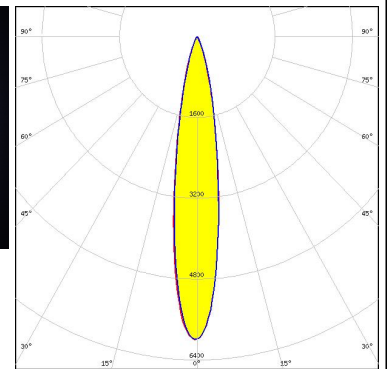
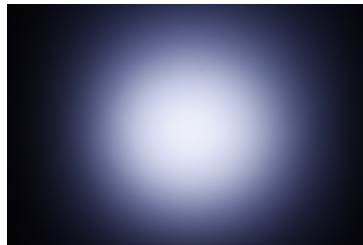
LUMILEDS

LED LUXEON Rebel Plus
 FWHM / FWTM 15.0° / 33.0°
 Efficiency 82 %
 Peak intensity 7.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



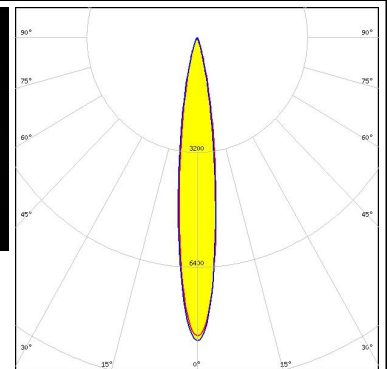
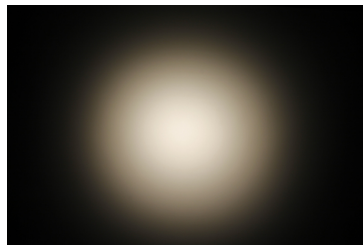
LUMILEDS

LED LUXEON TX
 FWHM / FWTM 17.0° / 37.0°
 Efficiency 82 %
 Peak intensity 6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD


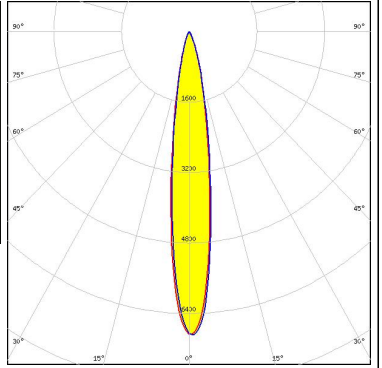
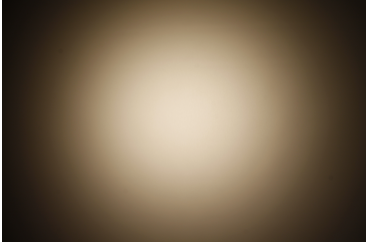
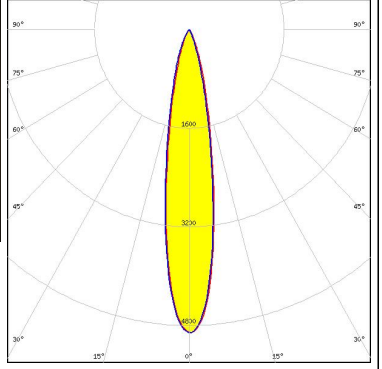

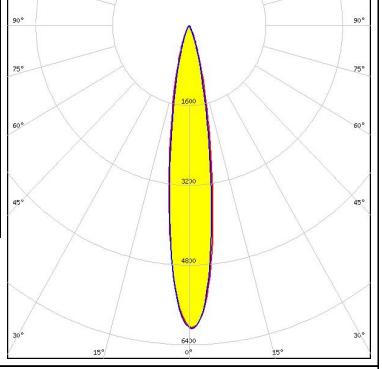

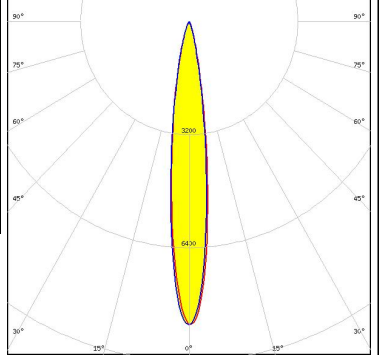


LUMILEDS

LED LUXEON Z ES
 FWHM / FWTM 15.0° / 31.0°
 Efficiency 82 %
 Peak intensity 8.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



OPTICAL RESULTS (MEASURED):

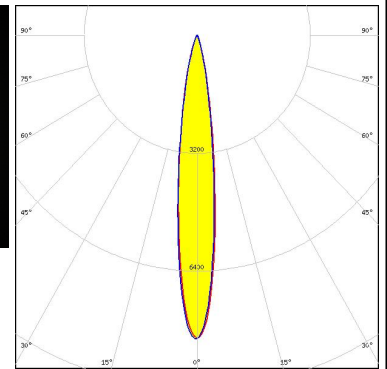
<p>NICHIA</p> <p>LED NCSxx19B FWHM / FWTM 15.0° / 34.0° Efficiency 79 % Peak intensity 6.9 cd/m LEDs/each optic 1 Light colour White Required components: C14446_FLORENTINA-SHD</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 19.0° / 40.0° Efficiency 78 % Peak intensity 4.9 cd/m LEDs/each optic 1 Light colour White Required components: C14446_FLORENTINA-SHD</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOM Square EC FWHM / FWTM 17.0° / 37.0° Efficiency 80 % Peak intensity 6.1 cd/m LEDs/each optic 1 Light colour White Required components: C14446_FLORENTINA-SHD</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOM SSL 150 FWHM / FWTM 14.0° / 30.0° Efficiency 80 % Peak intensity 8.6 cd/m LEDs/each optic 1 Light colour White Required components: C14446_FLORENTINA-SHD</p>		

OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

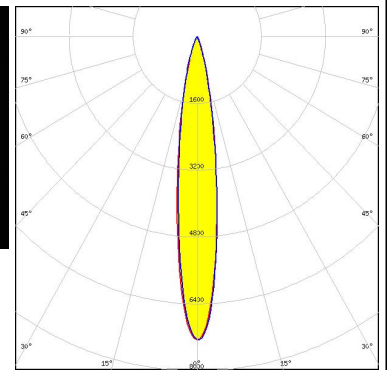
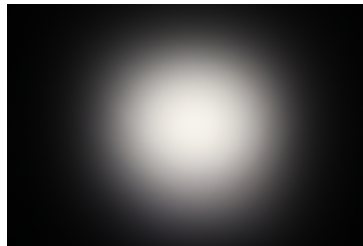
LED OSLOM SSL 150
 FWHM / FWTM 14.0° / 31.0°
 Efficiency 84 %
 Peak intensity 8.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

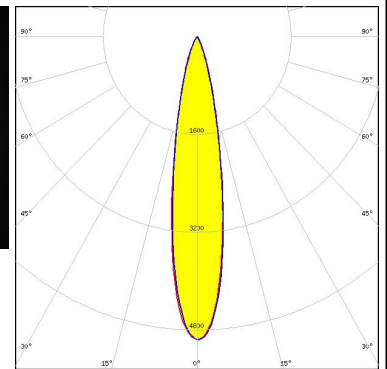
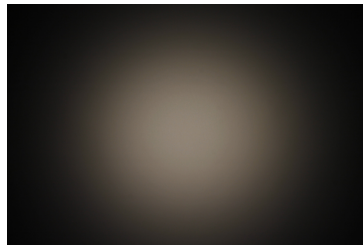
Opto Semiconductors

LED OSLOM SSL 80
 FWHM / FWTM 15.0° / 34.0°
 Efficiency 82 %
 Peak intensity 7.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



SAMSUNG

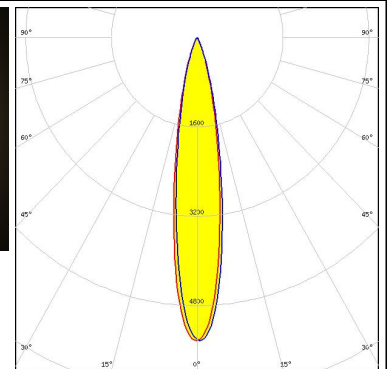
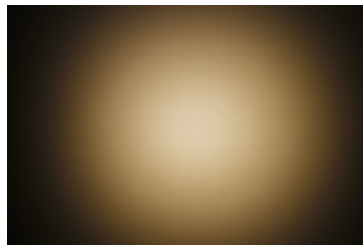
LED LH351B
 FWHM / FWTM 20.0° / 41.0°
 Efficiency 82 %
 Peak intensity 5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



TOSHIBA

Leading Innovation >>>

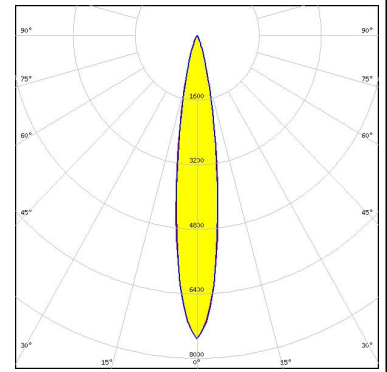
LED TL1L4
 FWHM / FWTM 18.0° / 39.0°
 Efficiency 80 %
 Peak intensity 5.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



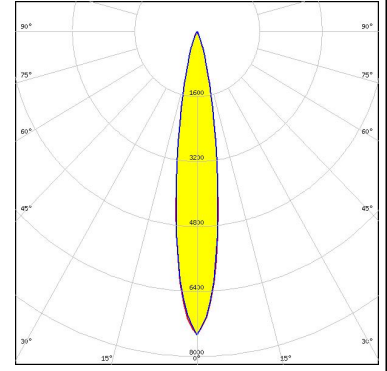
OPTICAL RESULTS (SIMULATED):



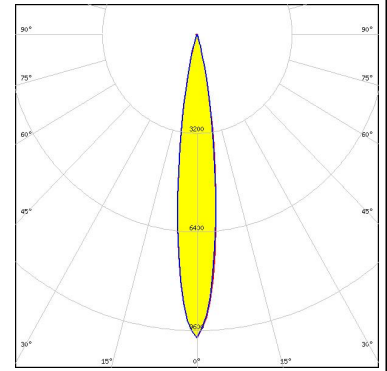
LED J Series 3030
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 91 %
 Peak intensity 7.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



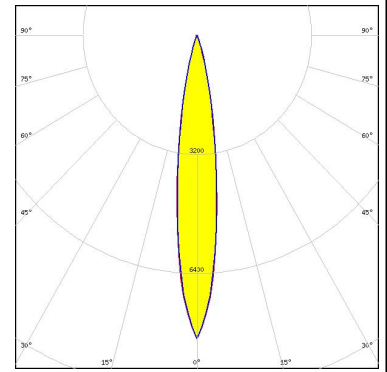
LED J Series 3030
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 88 %
 Peak intensity 7.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



LED NCSxE17A
 FWHM / FWTM 15.0° / 29.0°
 Efficiency 82 %
 Peak intensity 12 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



LED NVSxE21A
 FWHM / FWTM 16.0° / 32.0°
 Efficiency 82 %
 Peak intensity 10 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



OPTICAL RESULTS (SIMULATED):



LED	NWSx229A
FWHM / FWTM	24.0° / 44.0°
Efficiency	86 %
Peak intensity	3.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	C14446_FLORENTINA-SHD

