

FLORENTINA-HLD-M

~30° medium beam

SPECIFICATION:

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

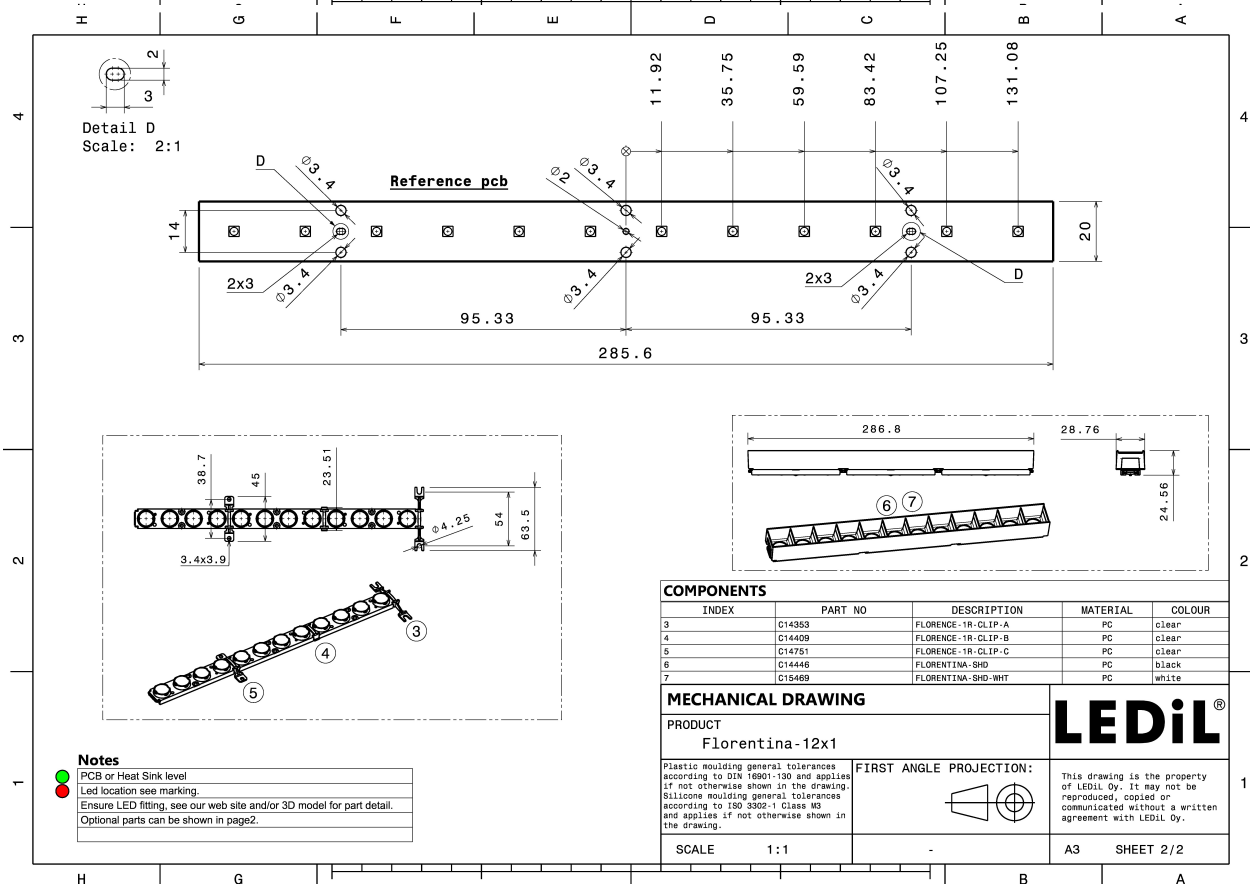
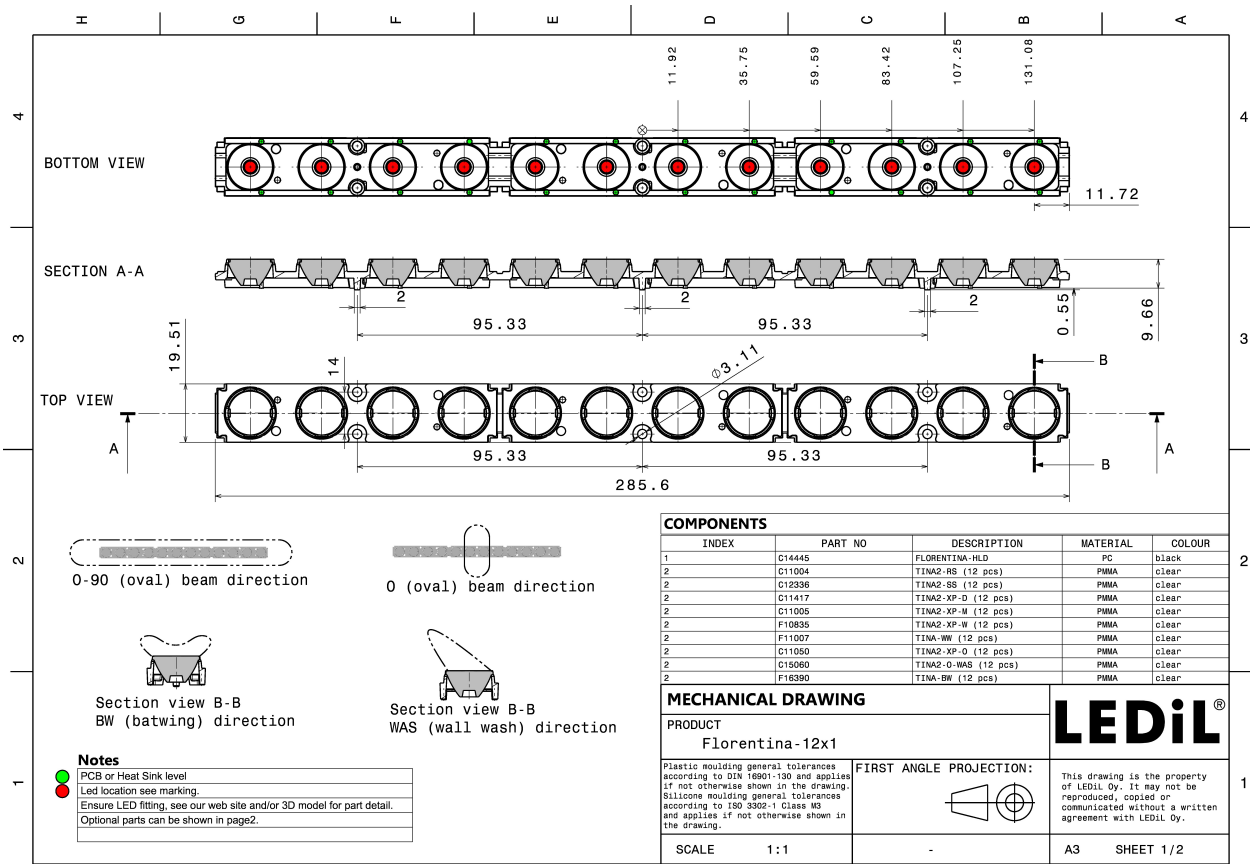
MATERIALS:

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

ORDERING INFORMATION:


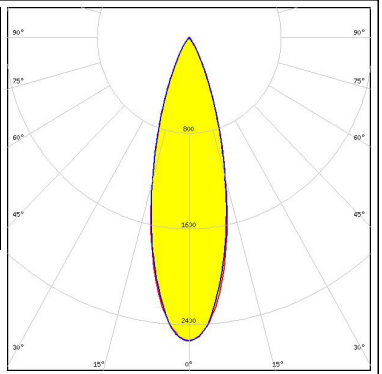

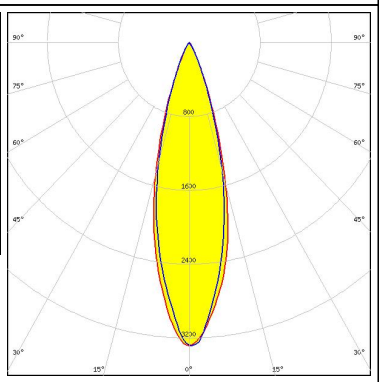

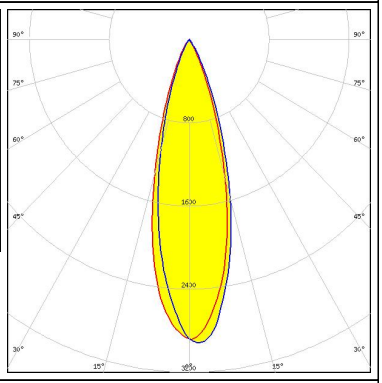

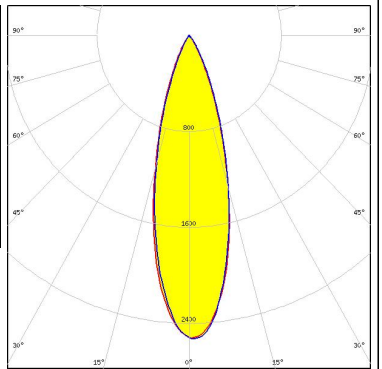
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP14994_FLORENTINA-HLD-M	Single lens	160	32	16	5.2
» Box size: 398 x 298 x 140 mm					





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

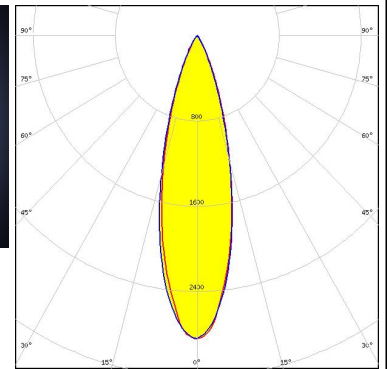
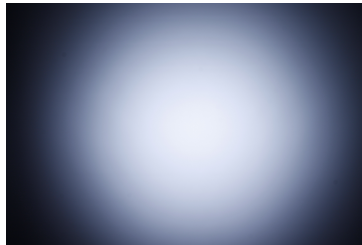
OPTICAL RESULTS (MEASURED):

<p>COMET ELECTRONICS</p> <p>LED QUICK FLUX LED FL-XG 1x12 xxx</p> <p>FWHM / FWTM 29.0° / 55.0°</p> <p>Efficiency 79 %</p> <p>Peak intensity 2.5 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 29.0° / 49.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 3.3 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 29.0° / 52.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 2.9 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 29.0° / 55.0°</p> <p>Efficiency 77 %</p> <p>Peak intensity 2.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14446_FLORENTINA-SHD</p>		

OPTICAL RESULTS (MEASURED):

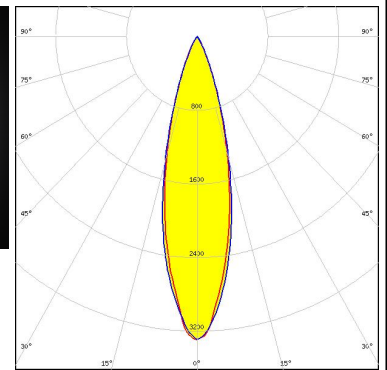
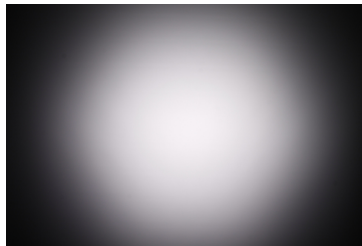
LUMILEDS

LED LUXEON Rebel ES
 FWHM / FWTM 28.0° / 52.0°
 Efficiency 78 %
 Peak intensity 2.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



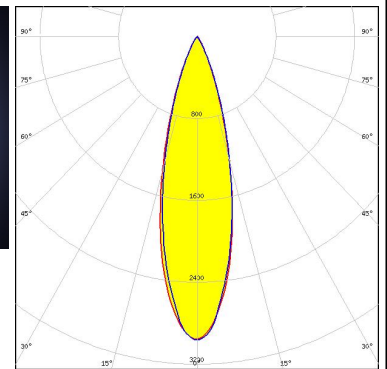
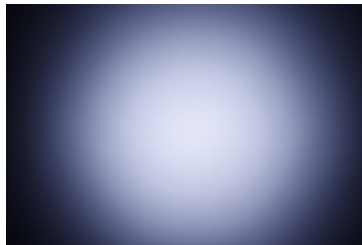
LUMILEDS

LED LUXEON Rebel Plus
 FWHM / FWTM 26.0° / 49.0°
 Efficiency 80 %
 Peak intensity 3.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



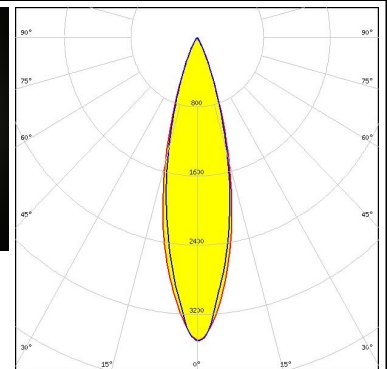
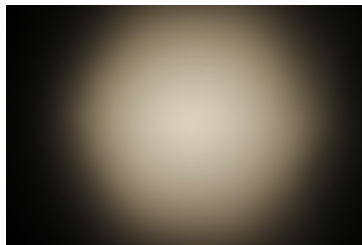
LUMILEDS

LED LUXEON TX
 FWHM / FWTM 28.0° / 51.0°
 Efficiency 79 %
 Peak intensity 3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD


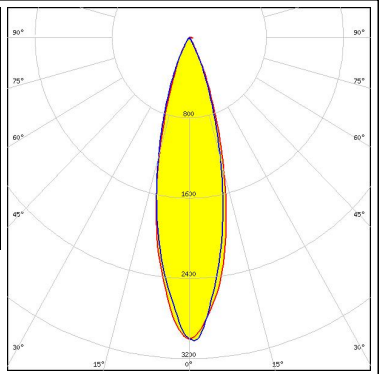

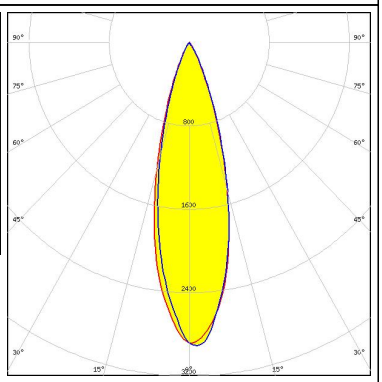

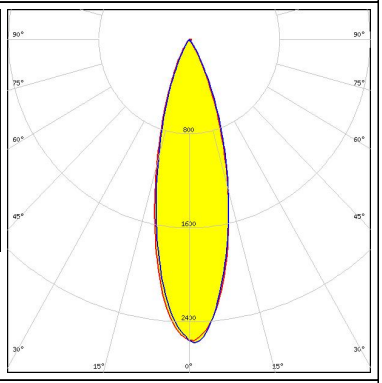

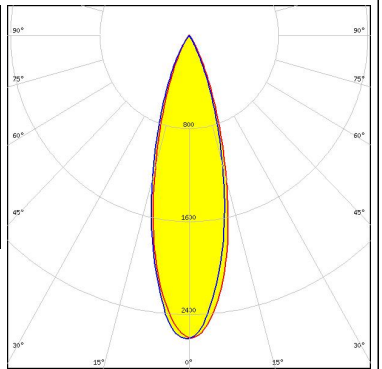


LUMILEDS


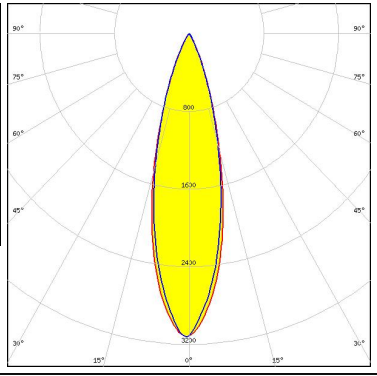

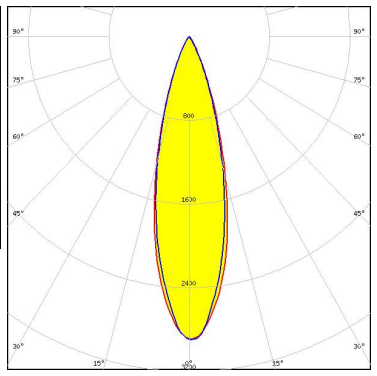

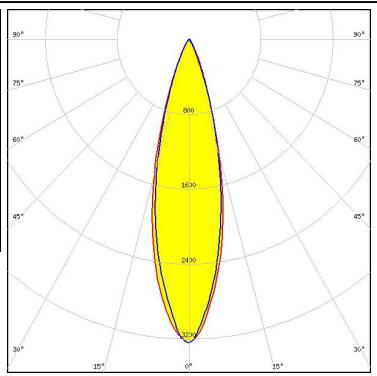

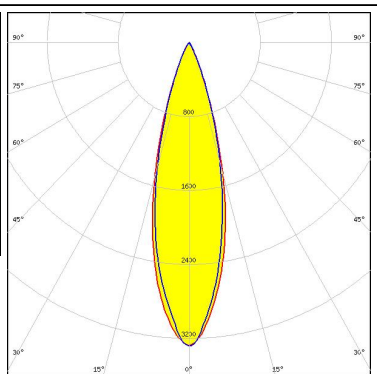
LED LUXEON Z ES
 FWHM / FWTM 26.0° / 48.0°
 Efficiency 81 %
 Peak intensity 3.5 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NCSxE17A FWHM / FWTM 27.0° / 50.0° Efficiency 77 % Peak intensity 3 cd/m LEDs/each optic 1 Light colour White Required components: C14446_FLORENTINA-SHD</p>		
<p>NICHIA</p> <p>LED NCSxx19B FWHM / FWTM 28.0° / 51.0° Efficiency 79 % Peak intensity 2.9 cd/m LEDs/each optic 1 Light colour White Required components: C14446_FLORENTINA-SHD</p>		
<p>NICHIA</p> <p>LED NF2x757G FWHM / FWTM 29.0° / 54.0° Efficiency 77 % Peak intensity 2.6 cd/m LEDs/each optic 1 Light colour White Required components: C14446_FLORENTINA-SHD</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 29.0° / 54.0° Efficiency 77 % Peak intensity 2.6 cd/m LEDs/each optic 1 Light colour White Required components: C14446_FLORENTINA-SHD</p>		

OPTICAL RESULTS (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED Duris S5 (Single chip)</p> <p>FWHM / FWTM 27.0° / 50.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 3.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14446_FLORENTINA-SHD</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM Square EC</p> <p>FWHM / FWTM 28.0° / 51.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 2.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14446_FLORENTINA-SHD</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM SSL 150</p> <p>FWHM / FWTM 27.0° / 49.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 3.2 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM SSL 150</p> <p>FWHM / FWTM 28.0° / 48.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 3.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14446_FLORENTINA-SHD</p>		

OPTICAL RESULTS (MEASURED):

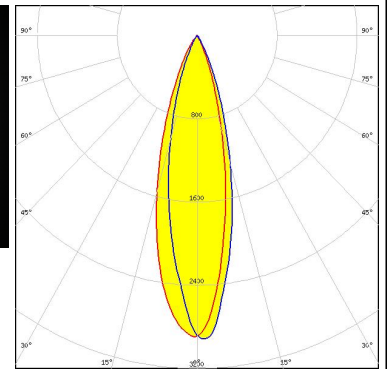
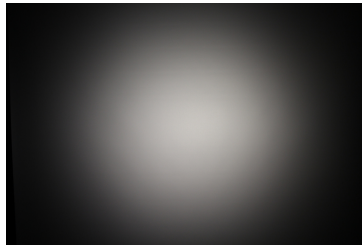
OSRAM

Opto Semiconductors

LED OSLON SSL 80
 FWHM / FWTM 26.0° / 51.0°
 Efficiency 76 %
 Peak intensity 2.9 cd/m
 LEDs/each optic 1
 Light colour White

Required components:

C14446_FLORENTINA-SHD

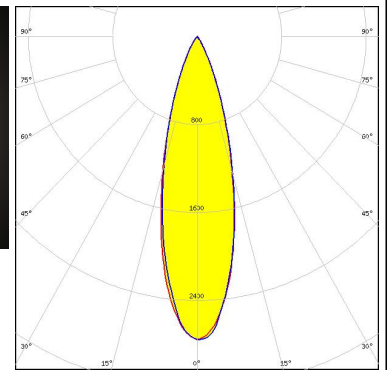
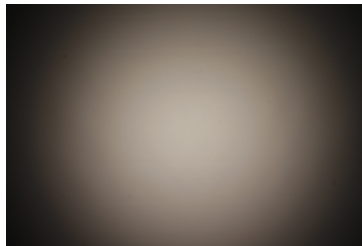


SAMSUNG

LED LH351B
 FWHM / FWTM 28.0° / 53.0°
 Efficiency 79 %
 Peak intensity 2.8 cd/m
 LEDs/each optic 1
 Light colour White

Required components:

C14446_FLORENTINA-SHD



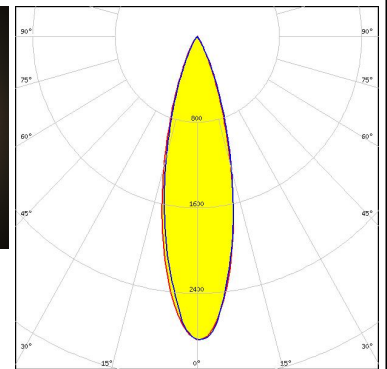
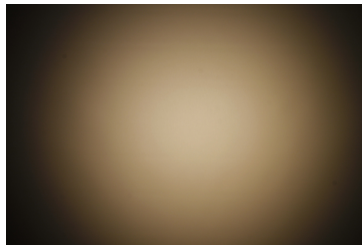
TOSHIBA

Leading Innovation >>>

LED TL1L4
 FWHM / FWTM 27.0° / 52.0°
 Efficiency 76 %
 Peak intensity 2.8 cd/m
 LEDs/each optic 1
 Light colour White

Required components:

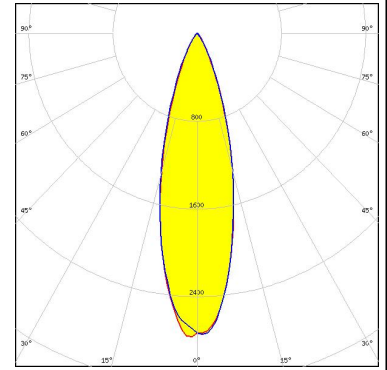
C14446_FLORENTINA-SHD



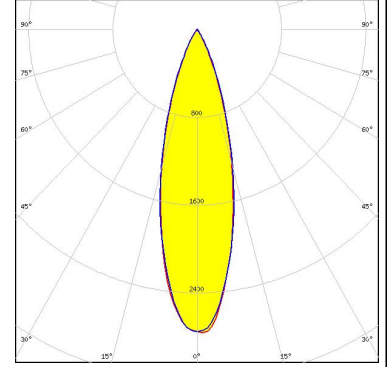
OPTICAL RESULTS (SIMULATED):



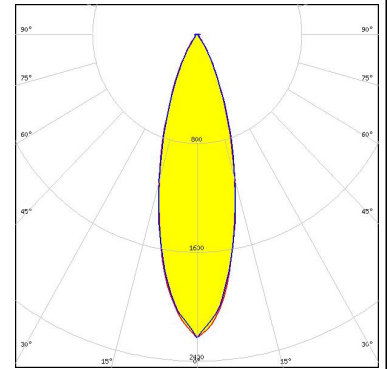
LED J Series 3030
 FWHM / FWTM 29.0° / 56.0°
 Efficiency 87 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED J Series 3030
 FWHM / FWTM 28.0° / 54.0°
 Efficiency 81 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



LED NWSx229A
 FWHM / FWTM 30.0° / 60.0°
 Efficiency 82 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



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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