

FLORENTINA-HLD-WW

~45° wide beam

SPECIFICATION:

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

MATERIALS:

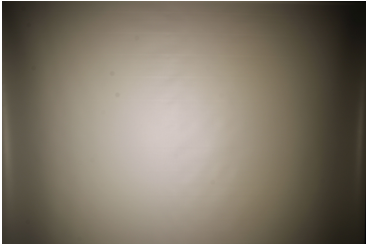
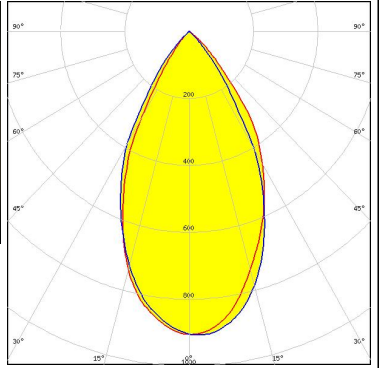
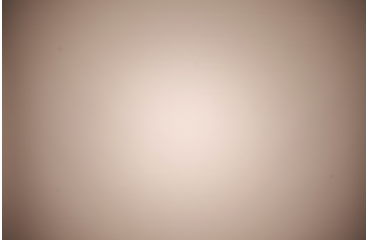
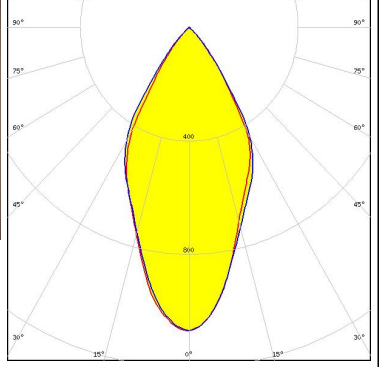
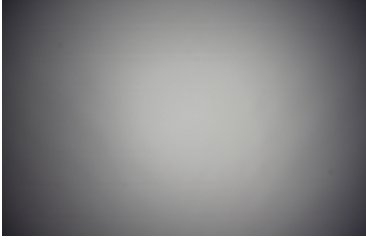
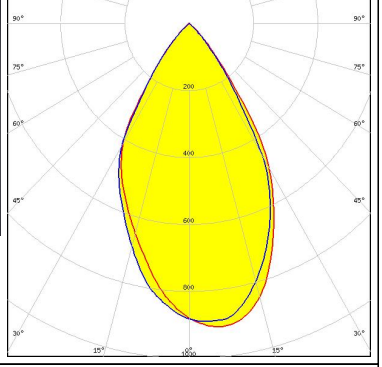
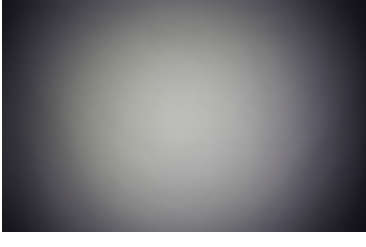
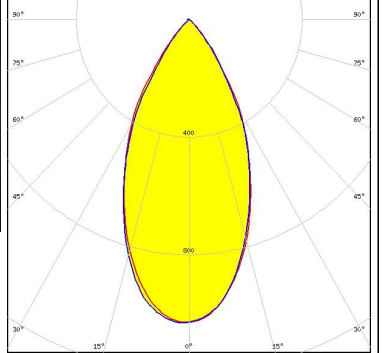
Component	Type	Material	Colour	Finish
TINA-WW-XP	Single lens	PMMA	clear	
FLORENTINA-HLD	Holder	PC	black	

ORDERING INFORMATION:


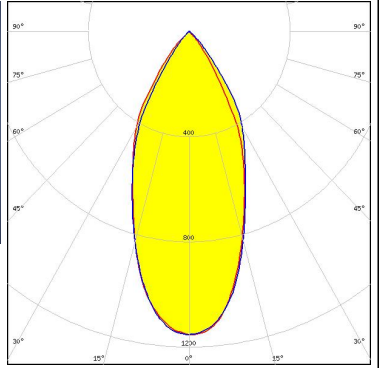

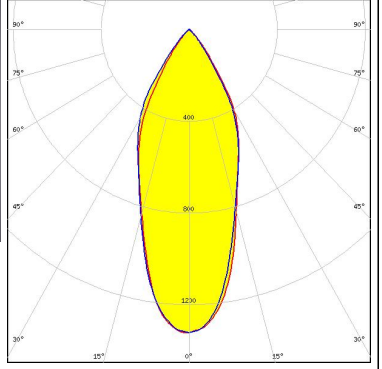
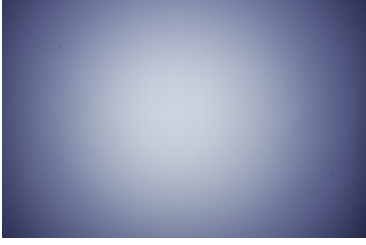
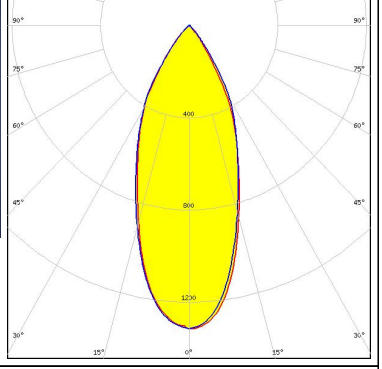
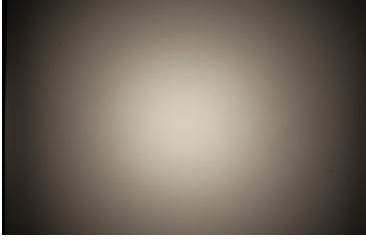
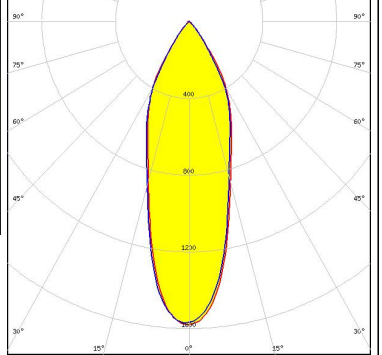
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP14998_FLORENTINA-HLD-WW	Single lens	160	32	16	5.2
» Box size: 398 x 298 x 140 mm					




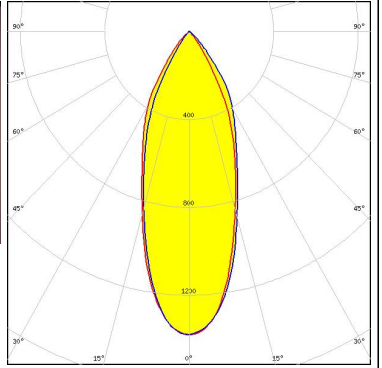
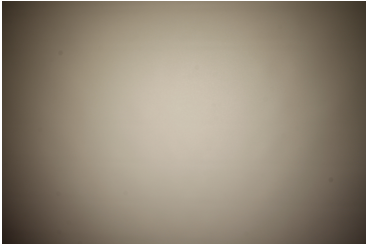
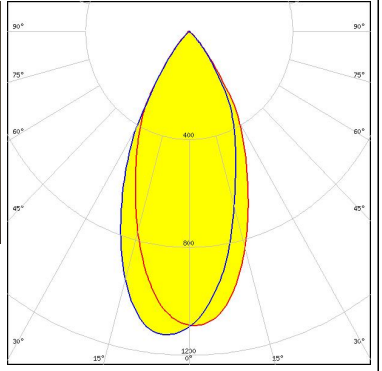
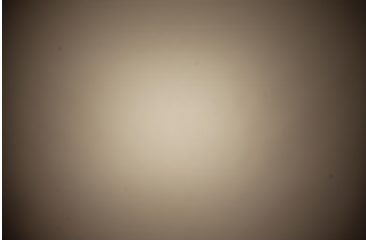
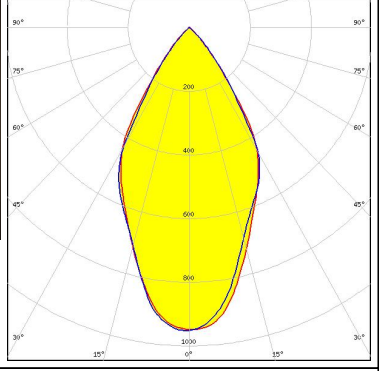
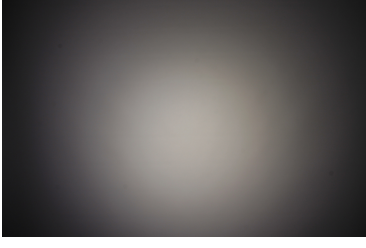
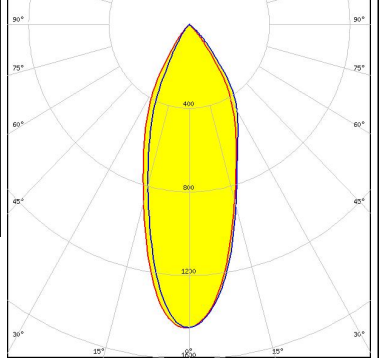
OPTICAL RESULTS (MEASURED):

<p>COMET ELECTRONICS</p> <p>LED QUICK FLUX LED FL-XG 1x12 xxx</p> <p>FWHM / FWTM 56.0° / 84.0°</p> <p>Efficiency 75 %</p> <p>Peak intensity 0.9 cd/lm</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 52.0° / 82.0°</p> <p>Efficiency 77 %</p> <p>Peak intensity 1.1 cd/lm</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 59.0° / 86.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 0.9 cd/lm</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 50.0° / 81.0°</p> <p>Efficiency 76 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14446_FLORENTINA-SHD</p>		

OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON Rebel ES</p> <p>FWHM / FWTM 46.0° / 80.0°</p> <p>Efficiency 77 %</p> <p>Peak intensity 1.2 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14446_FLORENTINA-SHD</p>		
<p>LUMILEDS</p> <p>LED LUXEON Rebel Plus</p> <p>FWHM / FWTM 40.0° / 78.0°</p> <p>Efficiency 79 %</p> <p>Peak intensity 1.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14446_FLORENTINA-SHD</p>		
<p>LUMILEDS</p> <p>LED LUXEON TX</p> <p>FWHM / FWTM 41.0° / 77.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 1.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14446_FLORENTINA-SHD</p>		
<p>LUMILEDS</p> <p>LED LUXEON Z ES</p> <p>FWHM / FWTM 33.0° / 75.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 1.6 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14446_FLORENTINA-SHD</p>		

OPTICAL RESULTS (MEASURED):

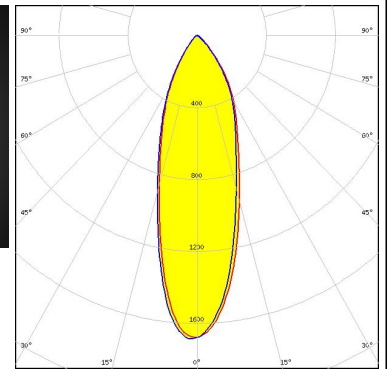
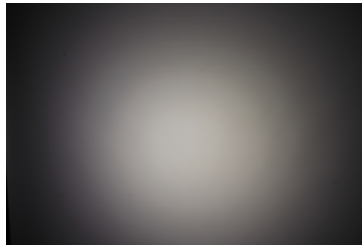
<p>NICHIA</p> <p>LED NCSxx19B FWHM / FWTM 38.0° / 76.0° Efficiency 76 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components: C14446_FLORENTINA-SHD</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 46.0° / 80.0° Efficiency 74 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components: C14446_FLORENTINA-SHD</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOM Square EC FWHM / FWTM 57.0° / 84.0° Efficiency 76 % Peak intensity 1 cd/lm 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 37.0° / 75.0° Efficiency 79 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour White Required components: C14446_FLORENTINA-SHD</p>		

OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

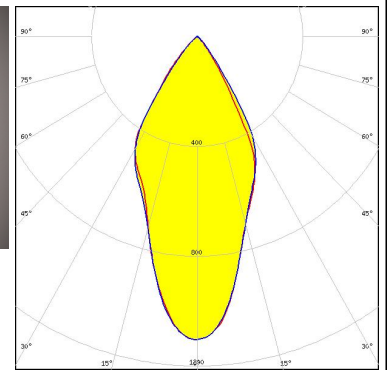
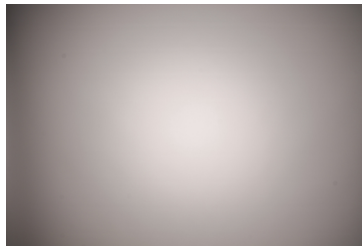
LED OSLON SSL 150
 FWHM / FWTM 32.0° / 76.0°
 Efficiency 85 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

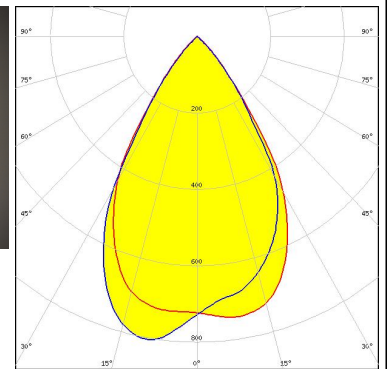
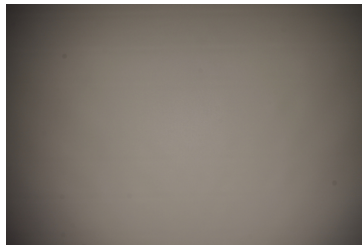
Opto Semiconductors

LED OSLON SSL 80
 FWHM / FWTM 47.0° / 80.0°
 Efficiency 75 %
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



SAMSUNG

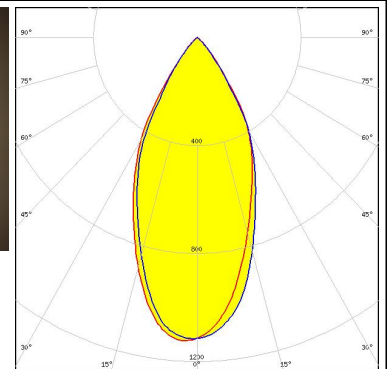
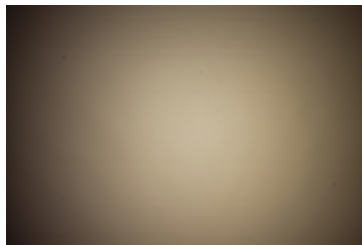
LED LH351B
 FWHM / FWTM 64.0° / 87.0°
 Efficiency 77 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



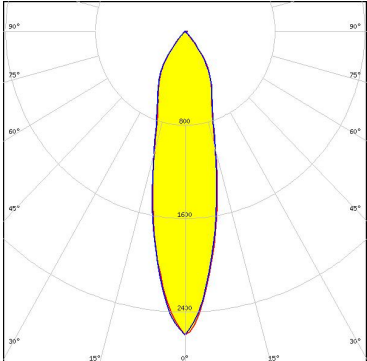
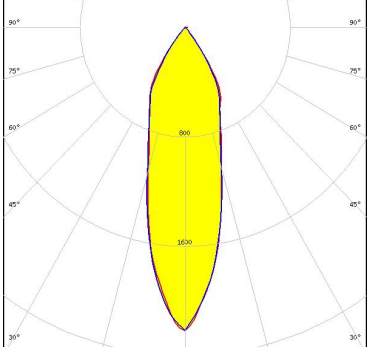
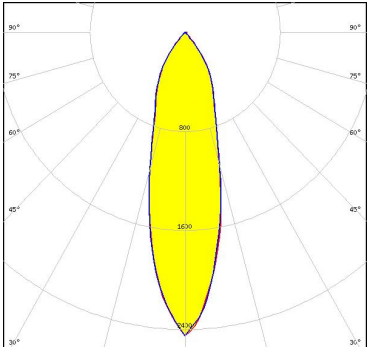
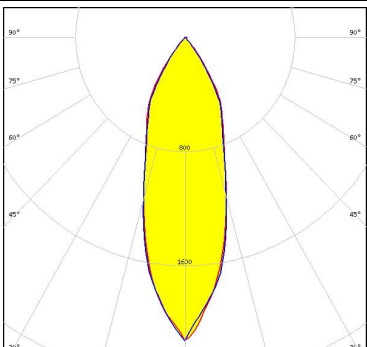
TOSHIBA

Leading Innovation >>>

LED TL1L4
 FWHM / FWTM 48.0° / 80.0°
 Efficiency 78 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED: NCSxE17A FWHM / FWTM: 25.0° / 73.0° Efficiency: 94 % Peak intensity: 2.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NCSxE17A FWHM / FWTM: 29.0° / 73.0° Efficiency: 94 % Peak intensity: 2.2 cd/lm LEDs/each optic: 1 Light colour: White Required components: C14446_FLORENTINA-SHD</p>	
<p>NICHIA</p> <p>LED: NVSxE21A FWHM / FWTM: 28.0° / 74.0° Efficiency: 94 % Peak intensity: 2.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NVSxE21A FWHM / FWTM: 33.0° / 73.0° Efficiency: 94 % Peak intensity: 2.1 cd/lm LEDs/each optic: 1 Light colour: White Required components: C14446_FLORENTINA-SHD</p>	

OPTICAL RESULTS (SIMULATED):



LED NWSx229A
FWHM / FWTM 60.0° / 85.0°
Efficiency 77 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD

