

FLORENTINA-4X1-O

~45° + 15° oval beam

SPECIFICATION:

Dimensions	169.7 x 49.7 mm
Height	28.5 mm
Fastening	pin
ROHS compliant	yes ⓘ

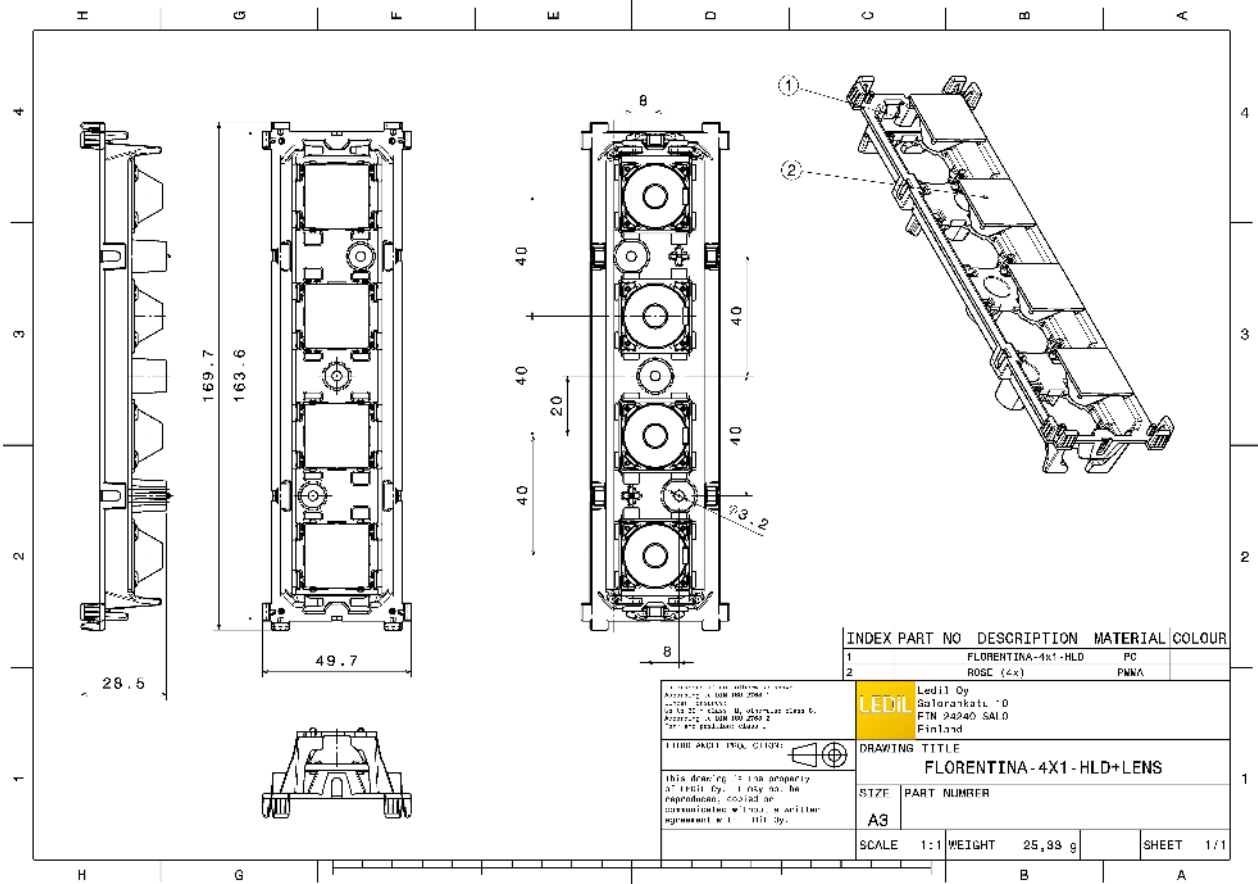
MATERIALS:

Component	Type	Material	Colour	Finish
ROSE-CMC-O	Single lens	PC	clear	
FLORENTINA-4X1-HLD	Holder	PC	black	

ORDERING INFORMATION:



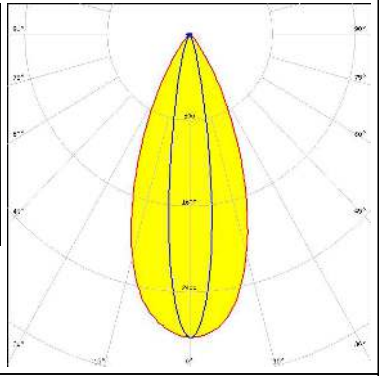


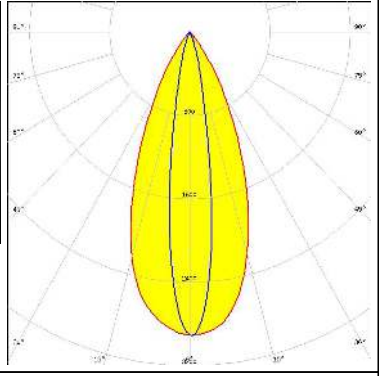



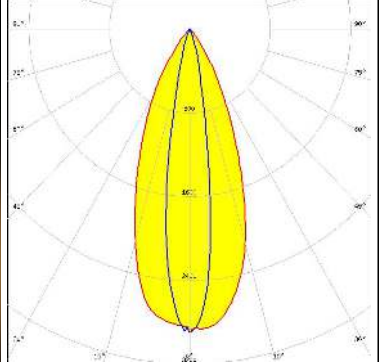
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FCP15347_FLORENTINA-4X1-O » Box size: 476 x 273 x 292 mm	Single lens	72	72	8	3.4





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

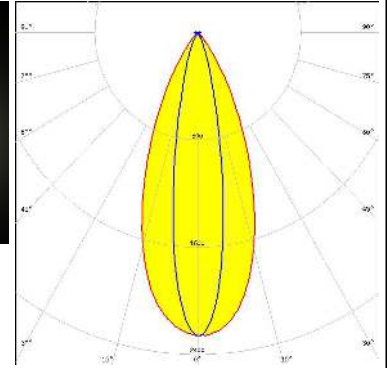
OPTICAL RESULTS (MEASURED):

<p></p> <p>LED EASY-T FLUX 1x4 FLR XG xxx G7</p> <p>FWHM / FWTM 43.0 + 16.0° / 70.0 + 33.0°</p> <p>Efficiency 75 %</p> <p>Peak intensity 2.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15028_FLORENTINA-4X1-SHD</p>		
<p></p> <p>LED EASY-T FLUX 1x4 FLR XT xxx G5</p> <p>FWHM / FWTM 44.0 + 16.0° / 71.0 + 32.0°</p> <p>Efficiency 72 %</p> <p>Peak intensity 2.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15028_FLORENTINA-4X1-SHD</p>		
<p></p> <p>LED XP-G2</p> <p>FWHM / FWTM 41.0 + 17.0° / 102.0°</p> <p>Efficiency 71 %</p> <p>Peak intensity 2.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15198_FLORENTINA-4X1-SHD-OPEN</p>		
<p></p> <p>LED XP-G2</p> <p>FWHM / FWTM 41.0 + 17.0° / 70.0 + 32.0°</p> <p>Efficiency 71 %</p> <p>Peak intensity 2.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15028_FLORENTINA-4X1-SHD</p>		

OPTICAL RESULTS (MEASURED):

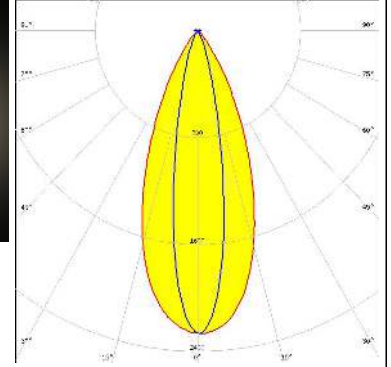
CREE LED

LED XP-L2
 FWHM / FWTM 43.0 + 19.0° / 70.0 + 40.0°
 Efficiency 72 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15028_FLORENTINA-4X1-SHD



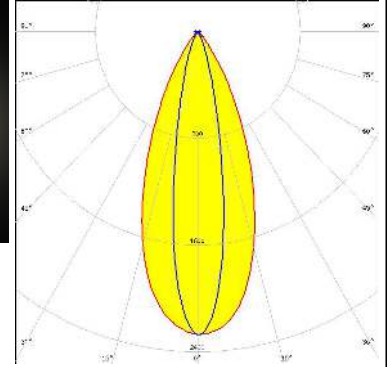
CREE LED

LED XP-L2
 FWHM / FWTM 42.0 + 19.0° / 70.0 + 40.0°
 Efficiency 72 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15198_FLORENTINA-4X1-SHD-OPEN



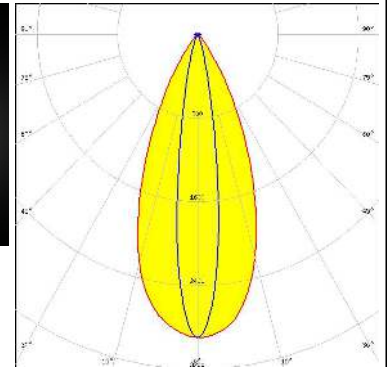
CREE LED

LED XP-L2
 FWHM / FWTM 43.0 + 19.0° / 71.0 + 40.0°
 Efficiency 76 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15690_FLORENTINA-4X1-SHD-WHT


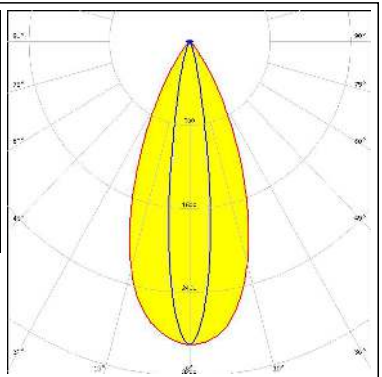

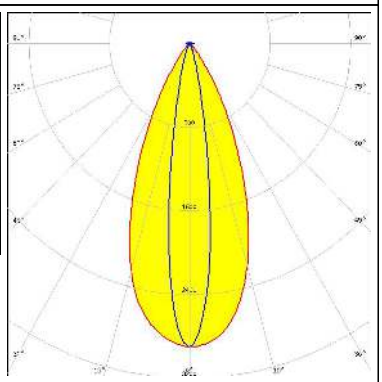

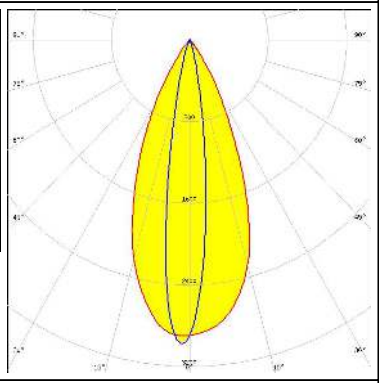

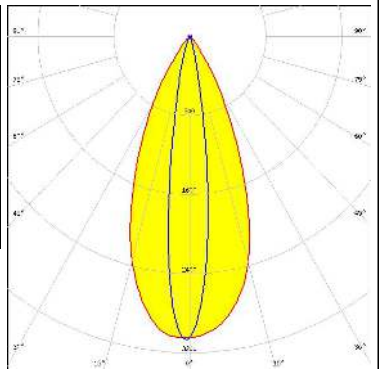


NICHIA

LED NVSxx19B/NVSxx19C
 FWHM / FWTM 44.0 + 16.0° / 70.0 + 31.0°
 Efficiency 75 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15198_FLORENTINA-4X1-SHD-OPEN



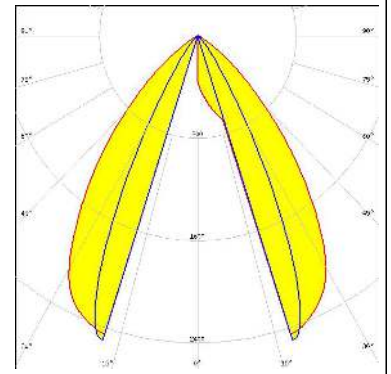
OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 44.0 + 16.0° / 70.0 + 31.0° Efficiency 79 % Peak intensity 2.9 cd/lm LEDs/each optic 1 Light colour White Required components: C15028_FLORENTINA-4X1-SHD</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 44.0 + 16.0° / 71.0 + 31.0° Efficiency 78 % Peak intensity 2.9 cd/lm LEDs/each optic 1 Light colour White Required components: C15690_FLORENTINA-4X1-SHD-WHT</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOM Square CSSRM2/CSSRM3 FWHM / FWTM 44.0 + 15.0° / 69.0 + 30.0° Efficiency 69 % Peak intensity 3 cd/lm LEDs/each optic 1 Light colour White Required components: C15198_FLORENTINA-4X1-SHD-OPEN</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOM Square CSSRM2/CSSRM3 FWHM / FWTM 44.0 + 15.0° / 70.0 + 30.0° Efficiency 74 % Peak intensity 3 cd/lm LEDs/each optic 1 Light colour White Required components: C15028_FLORENTINA-4X1-SHD</p>		

OPTICAL RESULTS (SIMULATED):



LED	XP-L HD
FWHM / FWTM	10.0 + 25.0° / 20.0 + 45.0°
Efficiency	198 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	C15028_FLORENTINA-4X1-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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