FLORENTINA-2X2-M

~30° medium beam

TECHNICAL SPECIFICATIONS:

Dimensions	89.6 mm
Height	22.2 mm
Fastening	pin, screw
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ROSE-CMC-M	Single lens	PC	clear	
FLORENTINA-2X2-HLD	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP14967_FLORENTINA-2X2-M » Box size: 476 x 273 x 292 mm	Single lens	88	24	8	4.3

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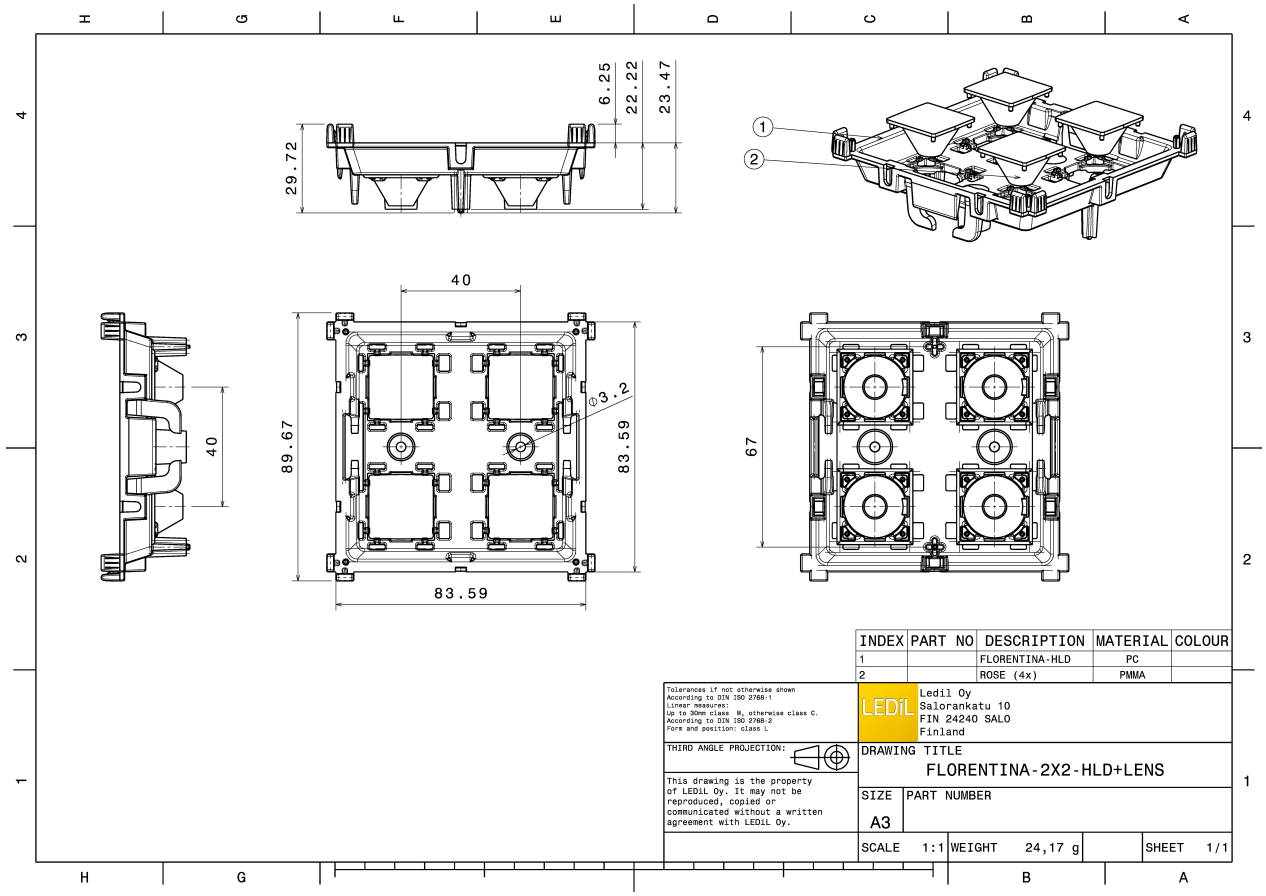

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1		FLORENTINA-HLD	PC	
2		ROSE (4x)	PMMA	

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class m, otherwise class c.
According to DIN ISO 2768-2
Form and position: class L

THIRD ANGLE PROJECTION:

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Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
FLORENTINA-2X2-HLD+LENS

SIZE A3 | PART NUMBER

SCALE 1:1 | WEIGHT 24,17 g | SHEET 1/1

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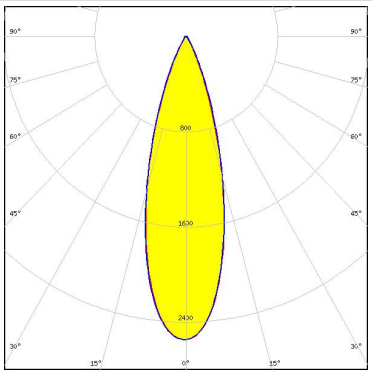
PHOTOMETRIC DATA (MEASURED):

COMET ELECTRONICS

LED	EASY-T FLUX 2x2 FLR XG xxx G7
FWHM	30.0°
Efficiency	83 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White

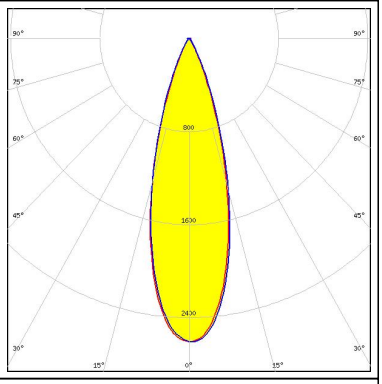
Required components:



COMET ELECTRONICS

LED	EASY-T FLUX 2x2 FLR XT xxx G5
FWHM	30.0°
Efficiency	83 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

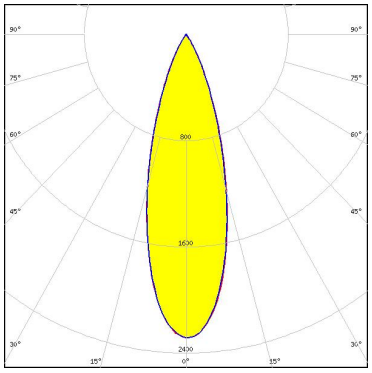


CREE

LED	XHP35 HD
FWHM	31.0°
Efficiency	77 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

C14734_FLORENTINA-2X2-SHD

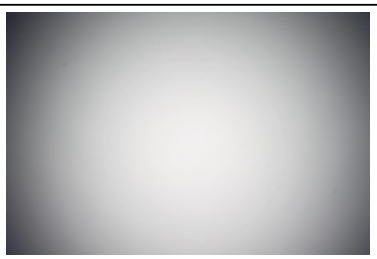


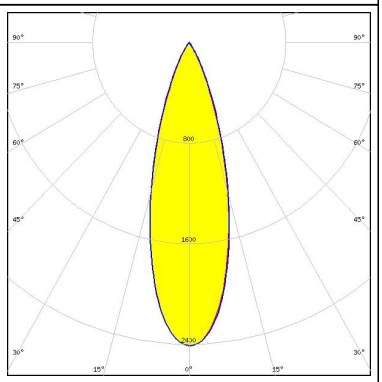
CREE

LED	XP-L HD
FWHM	30.0°
Efficiency	75 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

C14734_FLORENTINA-2X2-SHD





PHOTOMETRIC DATA (MEASURED):

CREE

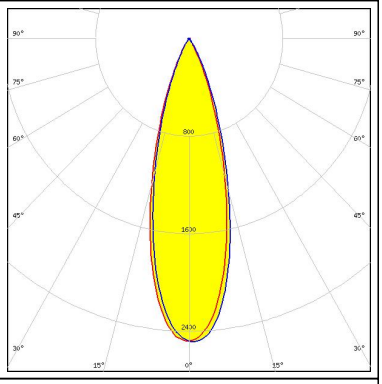
LED	XP-L HD
FWHM	30.0°
Efficiency	75 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
C14960_FLORENTINA-2X2-SHD-WHT

LUMILEDS

LED	LUXEON MZ
FWHM	29.0°
Efficiency	77 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White

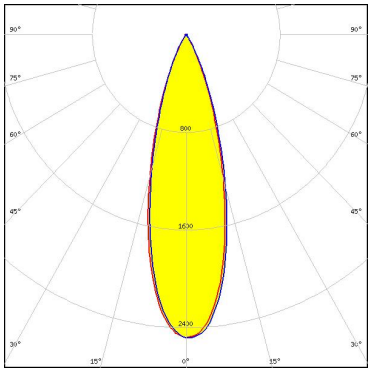
Required components:
C14960_FLORENTINA-2X2-SHD-WHT



LUMILEDS

LED	LUXEON MZ
FWHM	30.0°
Efficiency	75 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White

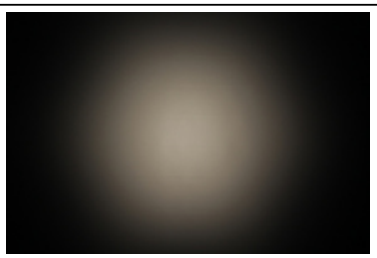
Required components:
C14734_FLORENTINA-2X2-SHD

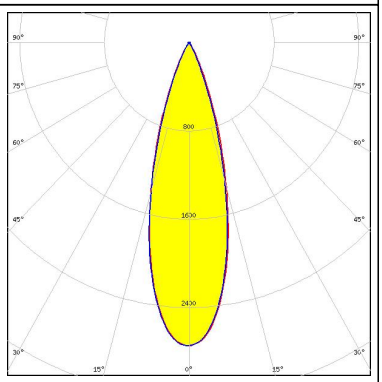


LUMILEDS

LED	LUXEON TX
FWHM	30.0°
Efficiency	80 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
C14734_FLORENTINA-2X2-SHD





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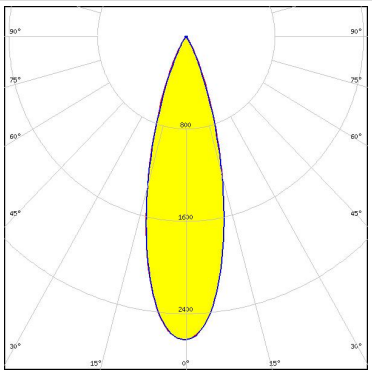
PHOTOMETRIC DATA (MEASURED):

NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	30.0°
Efficiency	79 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour	White

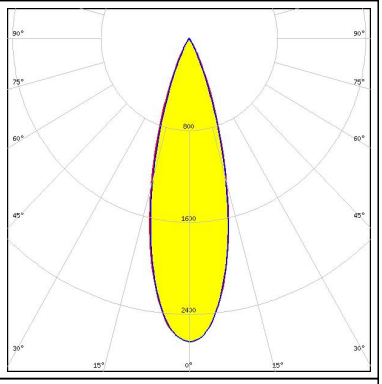
Required components:
C14734_FLORENTINA-2X2-SHD



OSRAM Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM	30.0°
Efficiency	75 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour	White

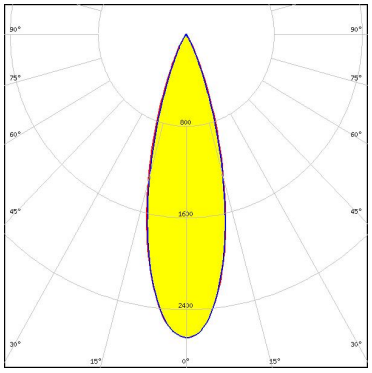
Required components:
C14734_FLORENTINA-2X2-SHD



OSRAM Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM	30.0°
Efficiency	77 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour	White

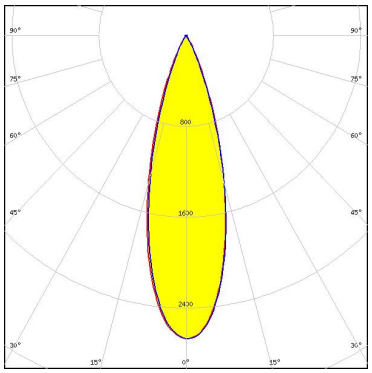
Required components:
C14960_FLORENTINA-2X2-SHD-WHT



OSRAM Opto Semiconductors

LED	OSLON Square EC
FWHM	30.0°
Efficiency	80 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
C14734_FLORENTINA-2X2-SHD



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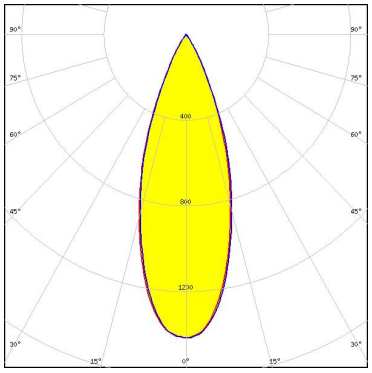
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED	HiLOM SC16 (LH181B)
FWHM	36.0°
Efficiency	58 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

C14734_FLORENTINA-2X2-SHD



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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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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