FLORENTINA-4X1-D

~18° diffused spot beam

TECHNICAL SPECIFICATIONS:

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

MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP15345_FLORENTINA-4X1-D	Single lens	72	72	8	3.4
» Box size: 476 x 273 x 292 mm					

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1		FLORENTINA-4x1-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

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

DRAWING TITLE
FLORENTINA-4X1-HLD+LENS

SIZE	PART NUMBER
A3	

SCALE 1:1	WEIGHT 25,33 g	SHEET 1/1

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

PHOTOMETRIC DATA (MEASURED):

LED	EASY-T FLUX 1x4 FLR XG xxx G7
FWHM / FWTM	18.0° / 34.0°
Efficiency	77 %
Peak intensity	6.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C15028_FLORENTINA-4X1-SHD	
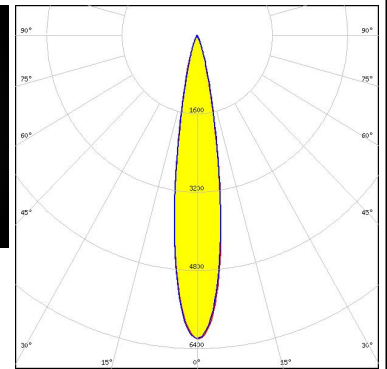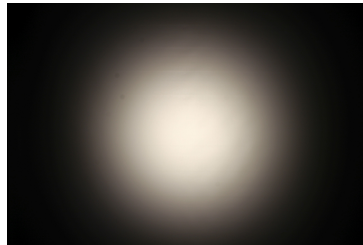
LED	EASY-T FLUX 1x4 FLR XT xxx G5
FWHM / FWTM	17.0° / 33.0°
Efficiency	77 %
Peak intensity	6.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C15028_FLORENTINA-4X1-SHD	
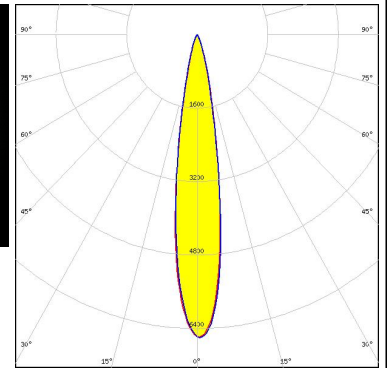
LED	XP-G2
FWHM / FWTM	18.0° / 32.0°
Efficiency	77 %
Peak intensity	6.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C15198_FLORENTINA-4X1-SHD-OPEN	
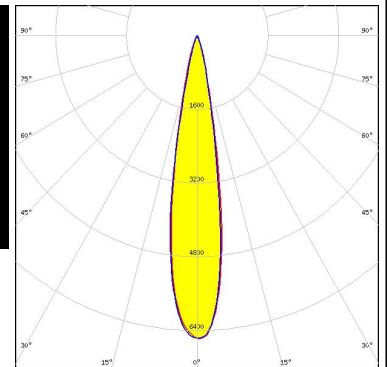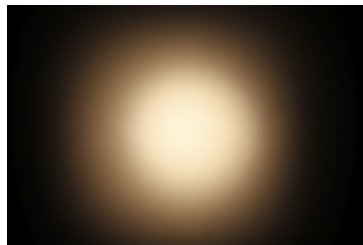
LED	XP-G2
FWHM / FWTM	18.0° / 32.0°
Efficiency	77 %
Peak intensity	6.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C15028_FLORENTINA-4X1-SHD	

PHOTOMETRIC DATA (MEASURED):

CREE LED

LED	XP-L2
FWHM / FWTM	21.0° / 41.0°
Efficiency	80 %
Peak intensity	4.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
  C15690_FLORENTINA-4X1-SHD-WHT

CREE LED

LED	XP-L2
FWHM / FWTM	21.0° / 41.0°
Efficiency	78 %
Peak intensity	4.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
  C15198_FLORENTINA-4X1-SHD-OPEN

CREE LED

LED	XP-L2
FWHM / FWTM	21.0° / 41.0°
Efficiency	78 %
Peak intensity	4.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
  C15028_FLORENTINA-4X1-SHD

NICHIA
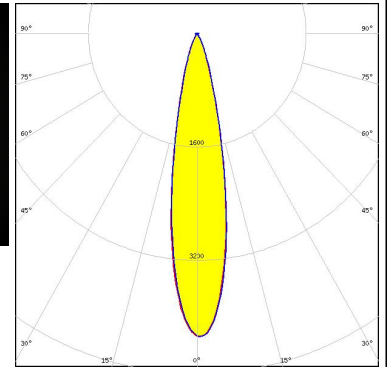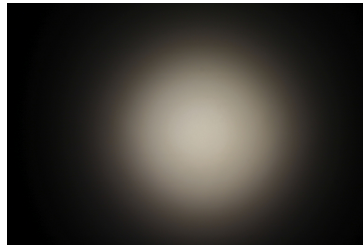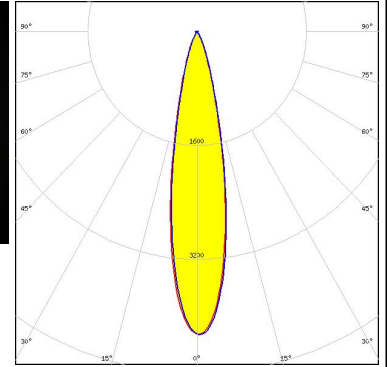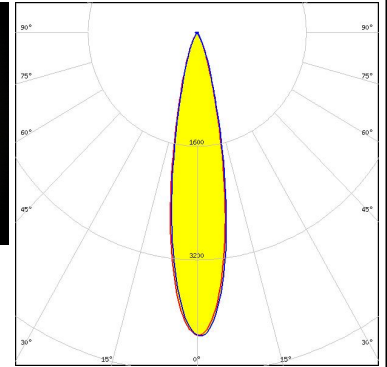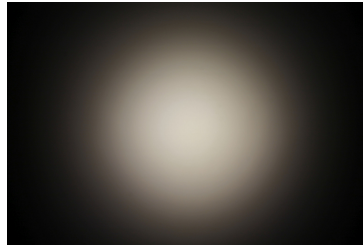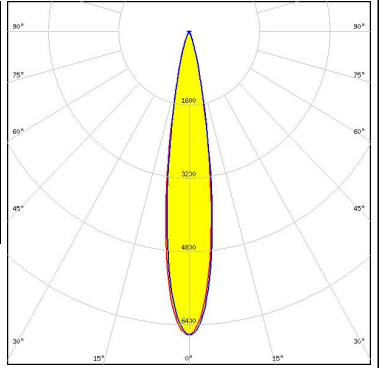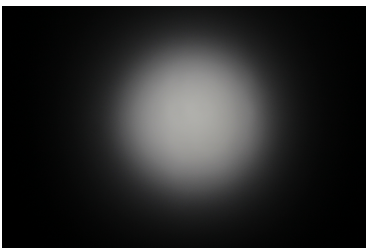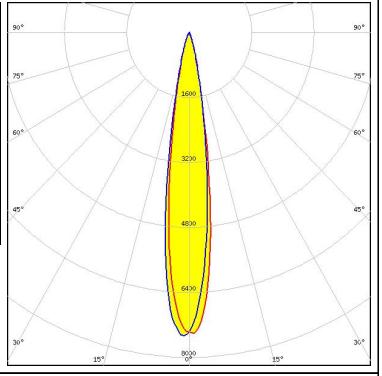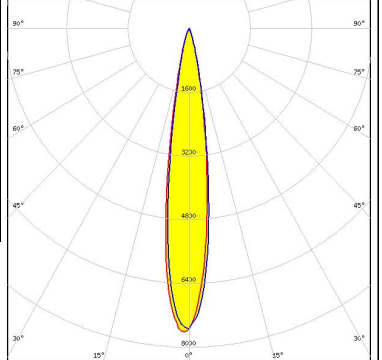
LED	NVSxx19B/NVSxx19C
FWHM / FWTM	17.0° / 33.0°
Efficiency	83 %
Peak intensity	6.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
  C15690_FLORENTINA-4X1-SHD-WHT

PHOTOMETRIC DATA (MEASURED):

NICHIA

LED	NVSxx19B/NVSxx19C
FWHM / FWTM	17.0° / 33.0°
Efficiency	82 %
Peak intensity	6.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
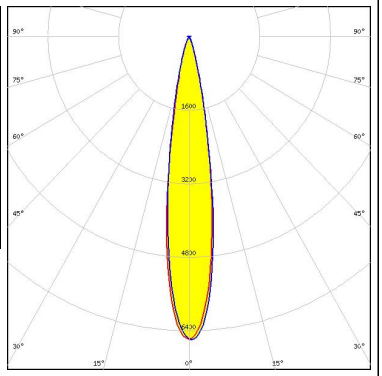C15198_FLORENTINA-4X1-SHD-OPEN

NICHIA

LED	NVSxx19B/NVSxx19C
FWHM / FWTM	17.0° / 33.0°
Efficiency	81 %
Peak intensity	6.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
C15028_FLORENTINA-4X1-SHD

OSRAM Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	16.0° / 31.0°
Efficiency	76 %
Peak intensity	7.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
C15198_FLORENTINA-4X1-SHD-OPEN

OSRAM Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	16.0° / 31.0°
Efficiency	76 %
Peak intensity	7.6 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:

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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy
Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.
405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support
www.ledil.com/
where_to_buy

Shipping locations
Salo, Finland
Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for LED Lighting Lenses Assemblies *category:*

Click to view products by Ledil *manufacturer:*

Other Similar products are found below :

FCN12592_LE1-D-COP CA16129_OLGA-W CA16370_HB-SQ-W FN15972_RONDA-ZT45-C CS15759_HB-2X2MX-8-W CA16435_LXP2-SS-WAS CN16210_GABRIELLA-MIDI-W CP17137_CARMEN-M2-C CA16015_STRADA-SQ-SCL CP17594_TINA-SC-RS CS15767_HB-2X2MX-8-M CP10960_RGBX-SS CP12395_LXP3-W CP12939_LARISA-RS-CLIP16 C14636_XTM-PF-ADAPTER CA11819_STRADA-SQ-T-DW CA14508_G2-LXP2-D CA14601_VERONICA-SQ-MINI-RS FCP13895_SEANNA-A CP12943_LARISA-O-CLIP16 FP11124_LISA2-O-PIN CS14597_HB-IP-2X6-O CP14995_FLORENTINA-HLD-O CS15158_STRADA-IP-2X6-T4-B CS16323_STRADELLA-IP-28-HB-M FN14976_STELLA-DWC2 FN15264_STELLA-HB-WWW CA15584_ZORYA-MINI-TAPE FA15229_ROSE-MRK-S FA15232_ROSE-MRK-M FA15233_ROSE-MRK-W FCN13552_CRYSTAL-RS FN15552_RONDA-W FS15626_FLORENCE-3R-IP-Z90 FS15786_FLORENCE-3R-IP-Z60 FS15847_FLORENCE-3R-IP-O CA14505_G2-LXP2-RS2-P FCN12775_IRIS-O CP15304_LARISA-RS-PIN FN15679_RONDA-S CA15519_VERONICA-SQ-MINI-D FP14414_LISA2-O-PIN LL01CR-DF60L06-M2 FN15993_RONDA-O FN15977_RONDA-WAS2 CA14366_FLARE-MAXI-TAPE CA14442_VERONICA-SQ-W CA14509_G2-LXP2-M-P CA15231_VERONICA-SQ-MINI-W FP11002_LISA2-W-PIN