FLORENTINA-2X2-SS

~16° smooth spot beam
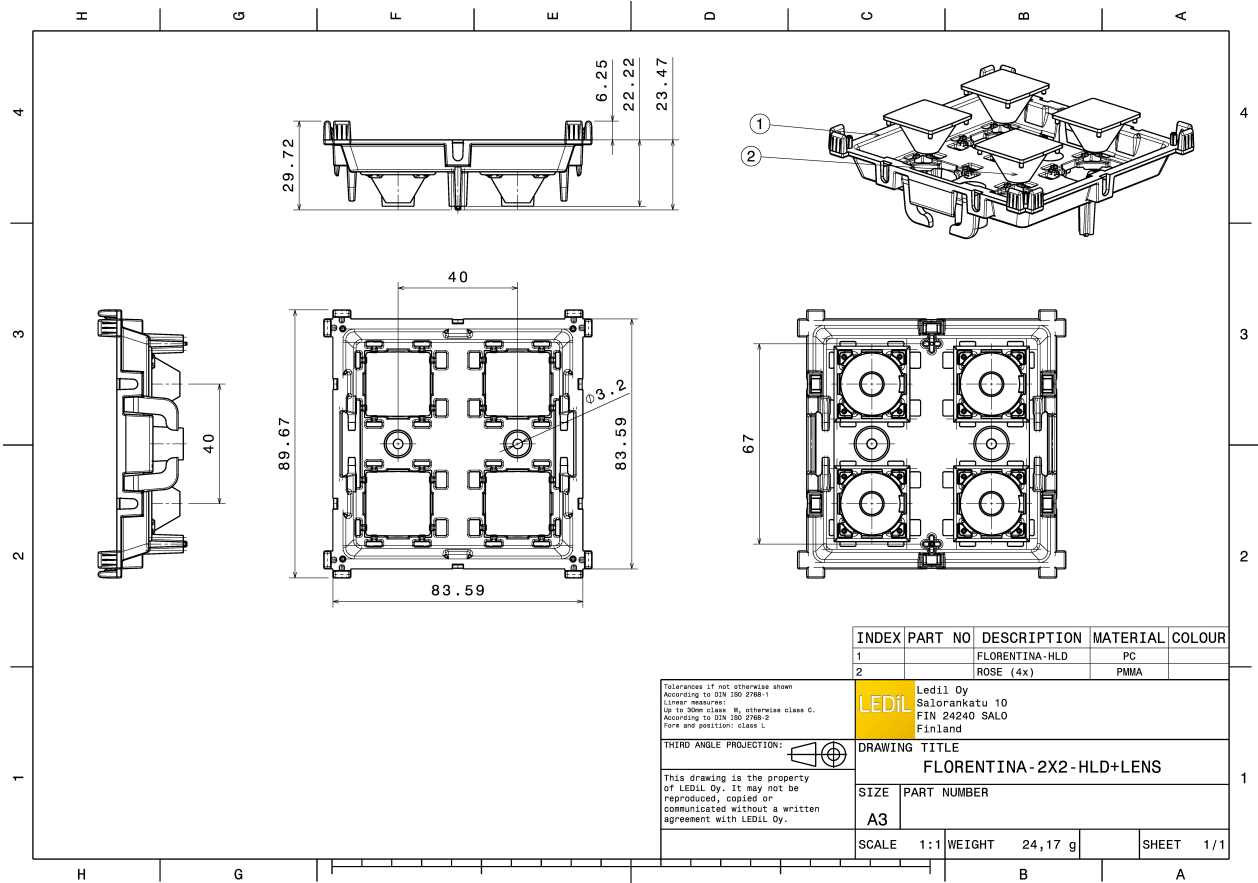

TECHNICAL SPECIFICATIONS:

Dimensions	89.7 mm
Height	29.7 mm
Fastening	pin, screw
Colour	black
Box size	476 x 273 x 292 mm
Box weight	4.3 kg
Quantity in Box	88 pcs
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

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

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	PART NUMBER
A3	

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

PHOTOMETRIC DATA (MEASURED):

COMET ELECTRONICS

LED	EASY-T FLUX 2x2 FLR XG xxx G7
FWHM	18.0°
Efficiency	85 %
Peak intensity	6.600 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

COMET ELECTRONICS
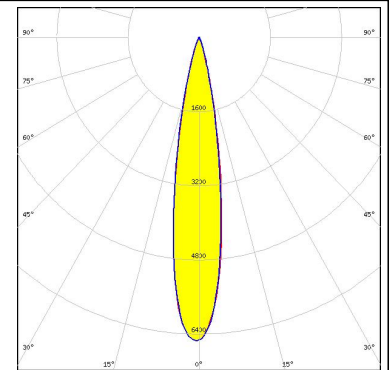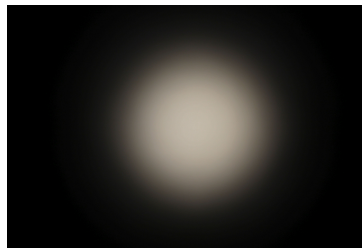
LED	EASY-T FLUX 2x2 FLR XT xxx G5
FWHM	17.0°
Efficiency	86 %
Peak intensity	7.500 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
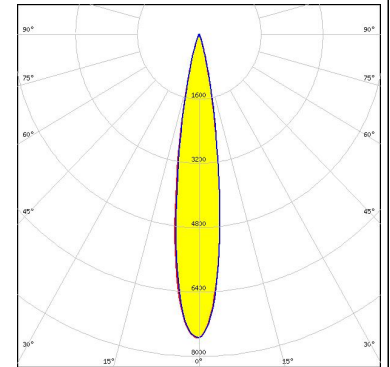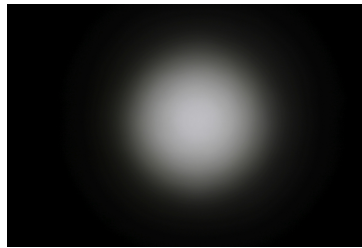
CREE

LED	XHP35 HD
FWHM	21.0°
Efficiency	82 %
Peak intensity	4.700 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C14734_FLORENTINA-2X2-SHD	

CREE
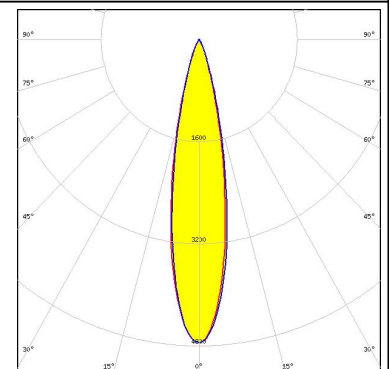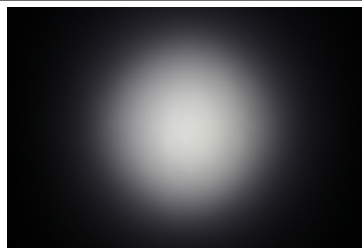
LED	XHP35 HD
FWHM	21.0°
Efficiency	82 %
Peak intensity	4.700 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C15196_FLORENTINA-2X2-SHD-OPEN	

PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-L HD
FWHM	20.0°
Efficiency	79 %
Peak intensity	5.400 cd/lm
LEDs/each optic	1
Light colour	White

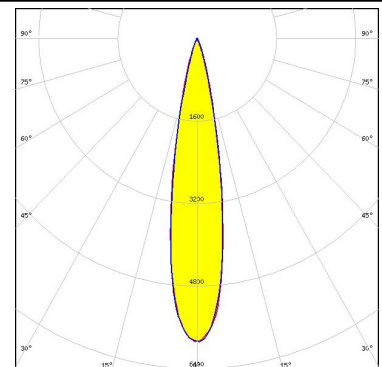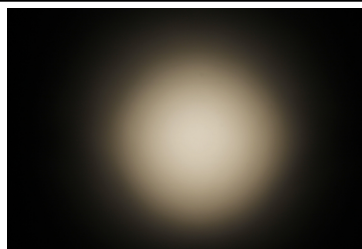Required components:
C14960_FLORENTINA-2X2-SHD-WHT

CREE

LED	XP-L HD
FWHM	20.0°
Efficiency	79 %
Peak intensity	5.400 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
C14734_FLORENTINA-2X2-SHD

CREE

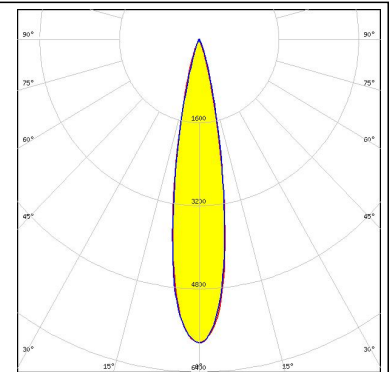|	
LED	XP-L HD
FWHM	20.0°
Efficiency	79 %
Peak intensity	5.400 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
C15196_FLORENTINA-2X2-SHD-OPEN

LUMILEDS
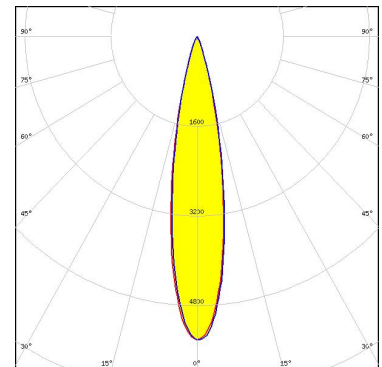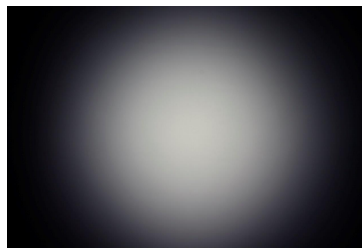
LED	LUXEON MZ
FWHM	20.0°
Efficiency	82 %
Peak intensity	5.900 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
C14960_FLORENTINA-2X2-SHD-WHT

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

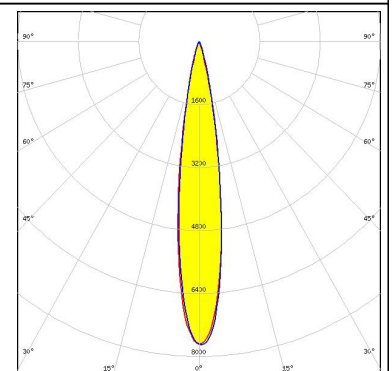|	
LED	LUXEON MZ
FWHM	20.0°
Efficiency	80 %
Peak intensity	5.900 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
C15196_FLORENTINA-2X2-SHD-OPEN

LUMILEDS

LED	LUXEON MZ
FWHM	20.0°
Efficiency	80 %
Peak intensity	5.900 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
C14734_FLORENTINA-2X2-SHD

OSRAM
Opto Semiconductors
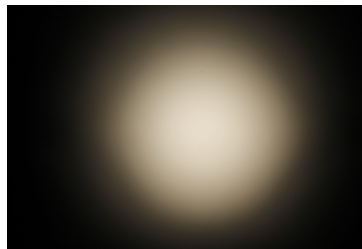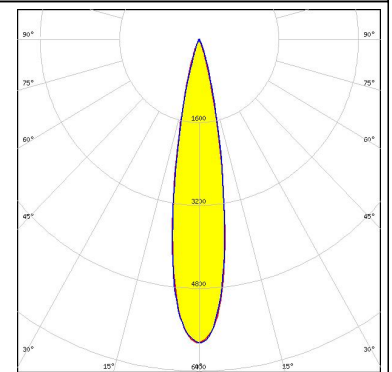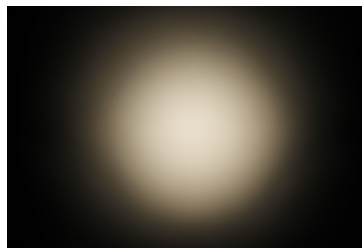
LED	OSLON Square CSSRM2/CSSRM3
FWHM	16.0°
Efficiency	78 %
Peak intensity	7.700 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
C14734_FLORENTINA-2X2-SHD

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM	16.0°
Efficiency	82 %
Peak intensity	7.700 cd/lm
LEDs/each optic	1
Light colour	White

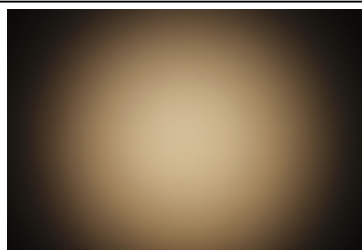Required components:
C14960_FLORENTINA-2X2-SHD-WHT
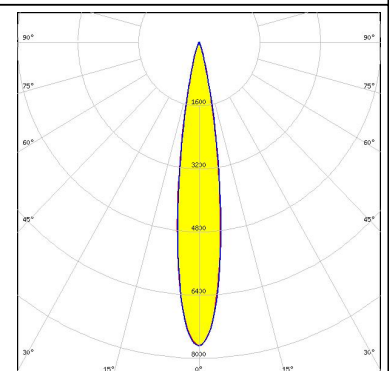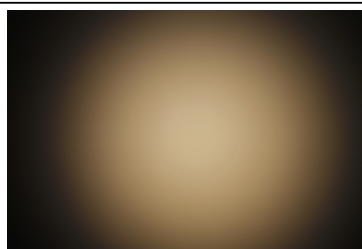
PHOTOMETRIC DATA (MEASURED):

OSRAM Opto Semiconductors

LED	OSLON Square EC
FWHM	17.0°
Efficiency	83 %
Peak intensity	7.600 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
  C14734_FLORENTINA-2X2-SHD
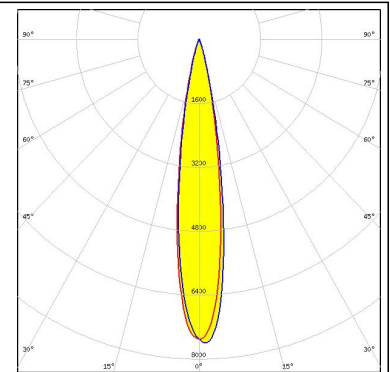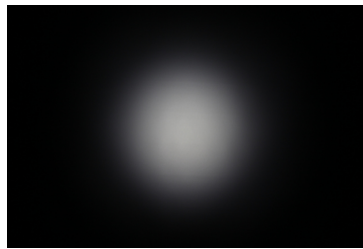
OSRAM Opto Semiconductors

LED	OSLON Square EC
FWHM	17.0°
Efficiency	83 %
Peak intensity	7.600 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
  C15196_FLORENTINA-2X2-SHD-OPEN

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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