PRODUCT DATASHEET FCP14969_FLORENTINA-2X2-W

FLORENTINA-2X2-W

~40° wide beam

SPECIFICATION:

Dimensions 89.6 x 89.6 mm

Height 22.2 mm

Fastening pin, screw

ROHS compliant yes 1



MATERIALS:

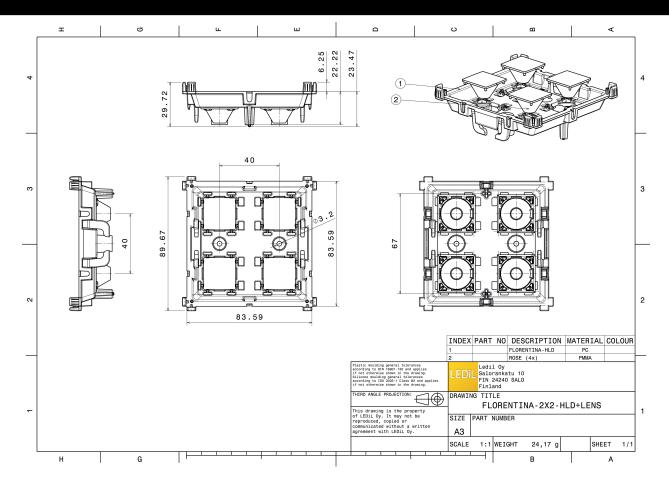
ComponentTypeMaterialColourFinishLength (mm)ROSE-C-C-W-V4Single lensPCclearFLORENTINA-2X2-HLDHolderPCblack

ORDERING INFORMATION:

ComponentQty in boxMOQMPQBox weight (kg)FCP14969_FLORENTINA-2X2-WSingle lens882484.0» Box size: 476 x 273 x 292 mm



PRODUCT DATASHEET FCP14969_FLORENTINA-2X2-W



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

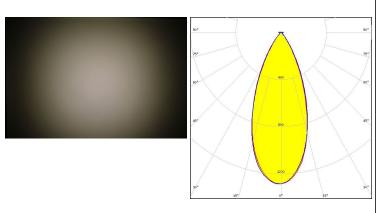




LED EASY-T FLUX 2x2 FLR XG xxx G7

FWHM / FWTM 42.0° / 72.0°
Efficiency 77 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

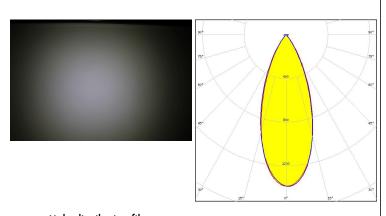


Light distribution files



LED EASY-T FLUX 2x2 FLR XT xxx G5

FWHM / FWTM 40.0° / 70.0°
Efficiency 77 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LEDXHP35 HDFWHM / FWTM49.0° / 77.0°Efficiency70 %Peak intensity1 cd/lmLEDs/each optic1

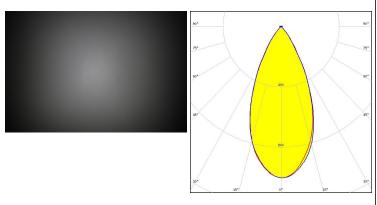
Light colour/type White Required components:





LED XHP35 HD
FWHM / FWTM 49.0° / 77.0°
Efficiency 70 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C14734_FLORENTINA-2X2-SHD

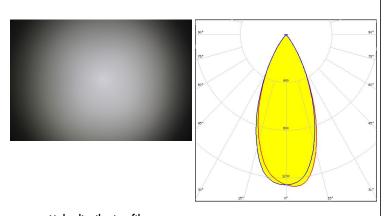


Light distribution files

CREE -

LED XP-G2
FWHM / FWTM 44.0° / 72.0°
Efficiency 78 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C14960_FLORENTINA-2X2-SHD-WHT

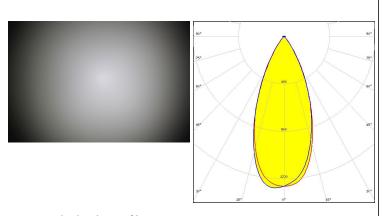


Light distribution files

CREE -

LED XP-G2
FWHM / FWTM 44.0° / 72.0°
Efficiency 76 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C14734_FLORENTINA-2X2-SHD



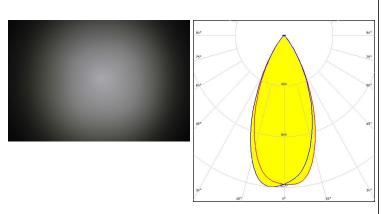
Light distribution files





LED XP-G2
FWHM / FWTM 46.0° / 74.0°
Efficiency 77 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

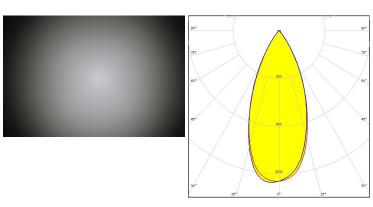
C15196_FLORENTINA-2X2-SHD-OPEN



Light distribution files

CREE \$

LED XP-G2
FWHM / FWTM 44.0° / 73.0°
Efficiency 79 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CREE -

LED XP-L HD
FWHM / FWTM 49.0° / 77.0°
Efficiency 70 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White

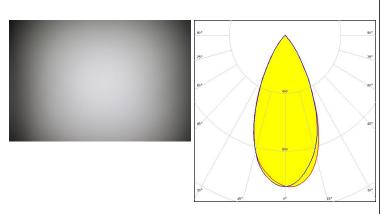
Required components:



CREE -

LED XP-L HD
FWHM / FWTM 49.0° / 77.0°
Efficiency 70 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C14734_FLORENTINA-2X2-SHD



Light distribution files

CREE \$

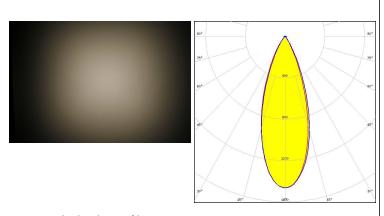
LED XP-L HD
FWHM / FWTM 49.0° / 77.0°
Efficiency 70 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C14960_FLORENTINA-2X2-SHD-WHT

MILEDS

LED LUXEON MZ
FWHM / FWTM 36.0° / 63.0°
Efficiency 66 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



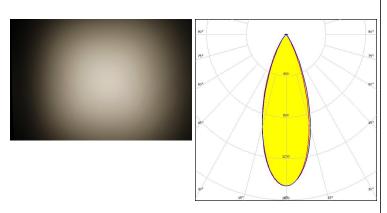
Light distribution files



MILEDS

LEDLUXEON MZFWHM / FWTM36.0° / 63.0°Efficiency66 %Peak intensity1.5 cd/lmLEDs/each optic1Light colour/typeWhiteRequired components:

C14734_FLORENTINA-2X2-SHD

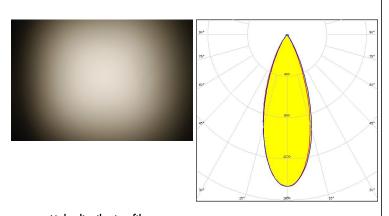


Light distribution files



LED LUXEON MZ
FWHM / FWTM 37.0° / 63.0°
Efficiency 69 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C14960_FLORENTINA-2X2-SHD-WHT



Light distribution files

DESCRIPTION LUMILEDS

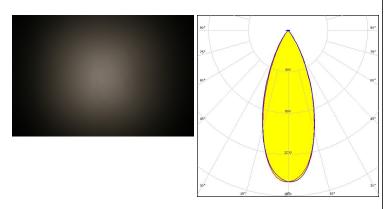
LED LUXEON TX
FWHM / FWTM 41.0° / 67.0°
Efficiency 76 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:





LED LUXEON TX
FWHM / FWTM 41.0° / 67.0°
Efficiency 76 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C14734_FLORENTINA-2X2-SHD



Light distribution files



LED NVSxx19B/NVSxx19C

FWHM / FWTM 42.0° / 71.0° Efficiency 80 % Peak intensity 1.4 cd/lm LEDs/each optic 1

Light colour/type White Required components:

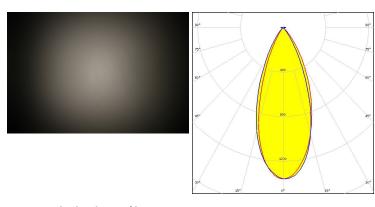
C15196_FLORENTINA-2X2-SHD-OPEN



LED NVSxx19B/NVSxx19C

FWHM / FWTM 42.0° / 71.0°
Efficiency 80 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C14734_FLORENTINA-2X2-SHD



Light distribution files

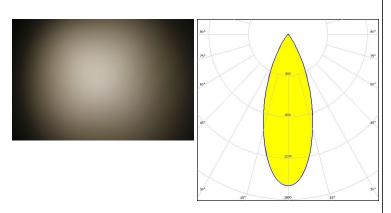


OSRAM Opto Semiconductors

OSLON Square CSSRM2/CSSRM3

FWHM / FWTM 35.0° / 66.0° Efficiency 72 % Peak intensity 1.6 cd/lm LEDs/each optic White Light colour/type Required components:

C14960_FLORENTINA-2X2-SHD-WHT



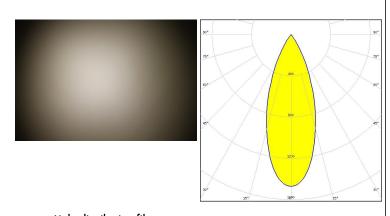
Light distribution files

OSRAM Opto Semiconductore

OSLON Square CSSRM2/CSSRM3

FWHM / FWTM 35.0° / 65.0° Efficiency 69 % Peak intensity 1.6 cd/lm LEDs/each optic Light colour/type White Required components:

C14734_FLORENTINA-2X2-SHD



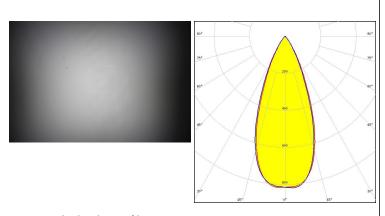
Light distribution files

SAMSUNG

LED HiLOM SC16 (LH181B)

FWHM / FWTM 42.0° / 68.0° Efficiency 49 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour/type White Required components:

C14734_FLORENTINA-2X2-SHD



Light distribution files



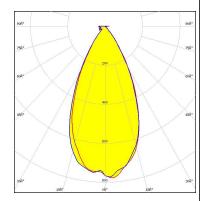
OPTICAL RESULTS (SIMULATED):



LED LUXEON XR-7070 (L224-xxxx004MLU010)

FWHM / FWTM 50.0° / 78.0°
Efficiency 63 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files

PRODUCT DATASHEET FCP14969_FLORENTINA-2X2-W

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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