



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



FLORENTINA-2X2-D

~18° diffused spot beam

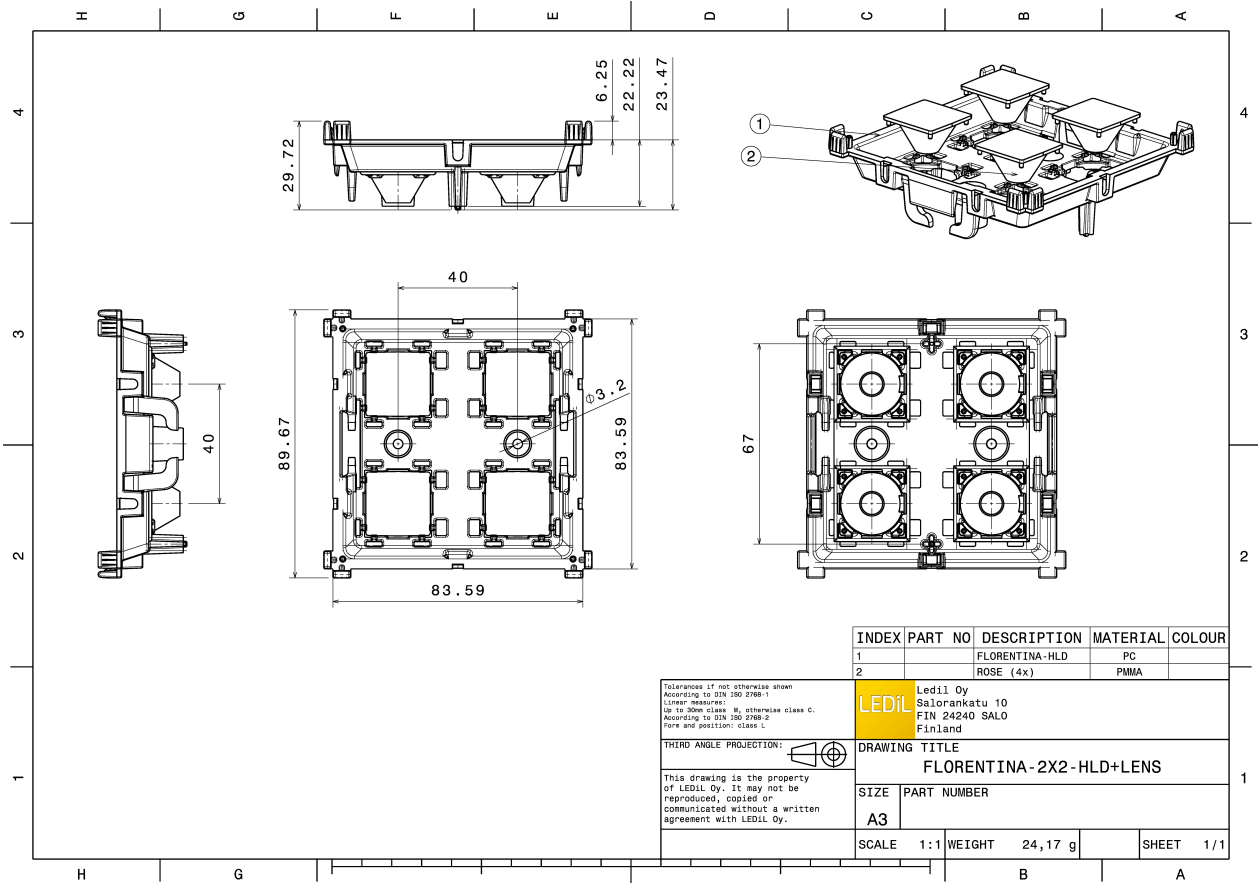
TECHNICAL SPECIFICATIONS:

Dimensions	95.57x95.57 mm
Height	22.2 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-D	Lens	PC	clear
FLORENTINA-2X2-HLD	Holder	PC	black



PHOTOMETRIC DATA (MEASURED):



LED XHP35 HD

FWHM 21.0°

Efficiency 80 %

Peak intensity 4.700 cd/lm

Required components:

C15196_FLORENTINA-2X2-SHD-OPEN



LED XHP35 HD

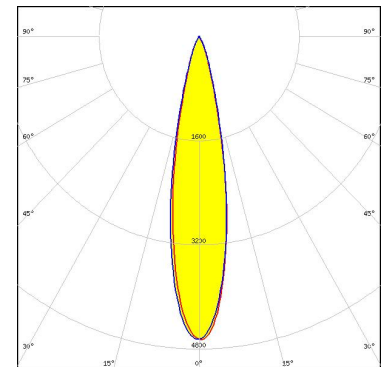
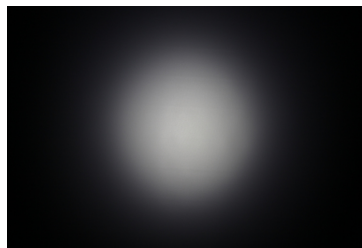
FWHM 21.0°

Efficiency 80 %

Peak intensity 4.700 cd/lm

Required components:

C14734_FLORENTINA-2X2-SHD



LED XP-L

FWHM 19.0°

Efficiency 77 %

Peak intensity 5.500 cd/lm

Required components:

C14960_FLORENTINA-2X2-SHD-WHT



LED XP-L

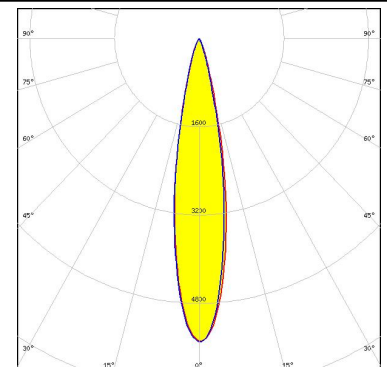
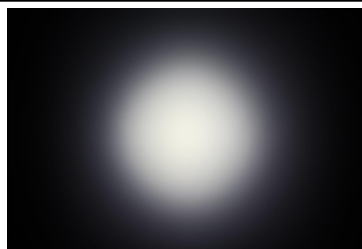
FWHM 19.0°

Efficiency 77 %

Peak intensity 5.500 cd/lm

Required components:

C14734_FLORENTINA-2X2-SHD



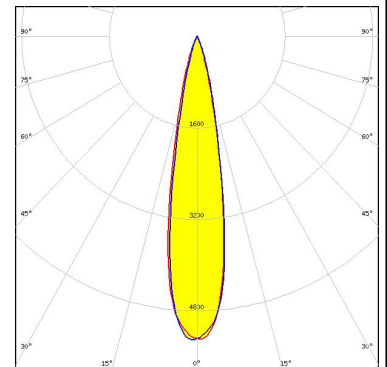
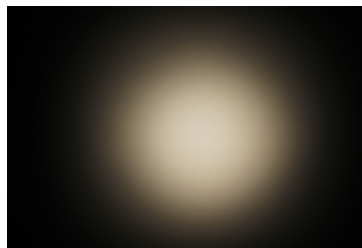
PHOTOMETRIC DATA (MEASURED):



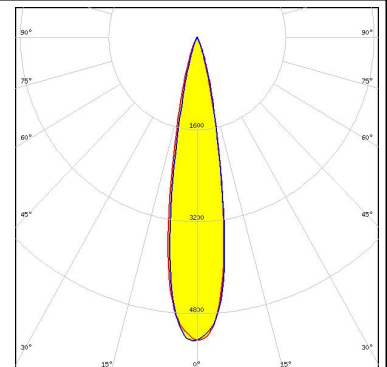
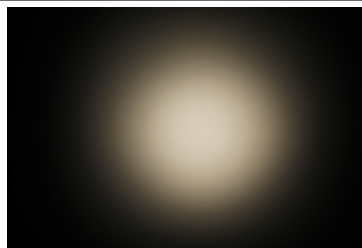
LED XP-L
 FWHM 19.0°
 Efficiency 77 %
 Peak intensity 5.500 cd/lm
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



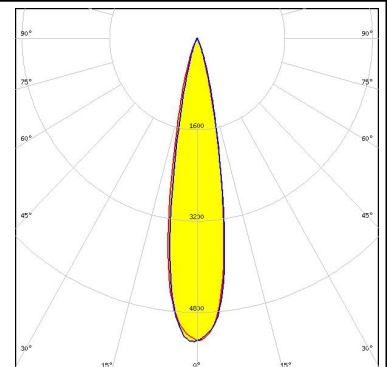
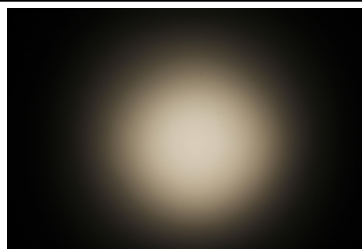
LED LUXEON MZ
 FWHM 20.0°
 Efficiency 80 %
 Peak intensity 5.300 cd/lm
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



LED LUXEON MZ
 FWHM 20.0°
 Efficiency 78 %
 Peak intensity 5.300 cd/lm
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



LED LUXEON MZ
 FWHM 20.0°
 Efficiency 78 %
 Peak intensity 5.300 cd/lm
 Required components:
 C14734_FLORENTINA-2X2-SHD



PHOTOMETRIC DATA (MEASURED):



LED LUXEON TX

FWHM 15.0°

Efficiency 82 %

Peak intensity 8.700 cd/lm

Required components:

C15196_FLORENTINA-2X2-SHD-OPEN



LED LUXEON TX

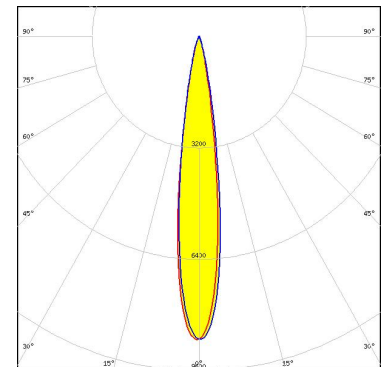
FWHM 15.0°

Efficiency 82 %

Peak intensity 8.700 cd/lm

Required components:

C14734_FLORENTINA-2X2-SHD



LED NVSxx19B/NVSxx19C

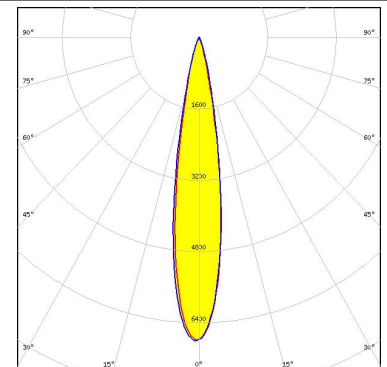
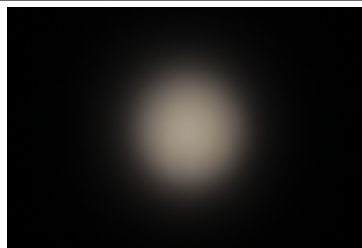
FWHM 18.0°

Efficiency 81 %

Peak intensity 6.800 cd/lm

Required components:

C14734_FLORENTINA-2X2-SHD



LED NVSxx19B/NVSxx19C

FWHM 18.0°

Efficiency 81 %

Peak intensity 6.800 cd/lm

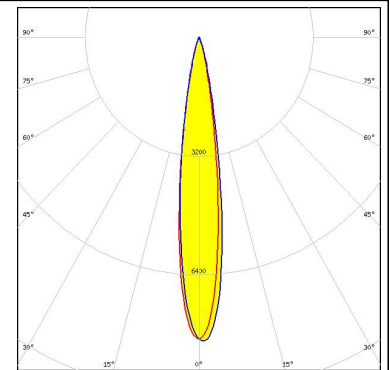
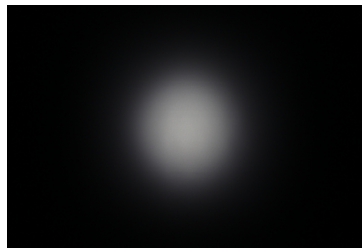
Required components:

C15196_FLORENTINA-2X2-SHD-OPEN

PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED Oslon Square EC
FWHM 15.0°
Efficiency 81 %
Peak intensity 8.200 cd/lm
Required components:
C14734_FLORENTINA-2X2-SHD

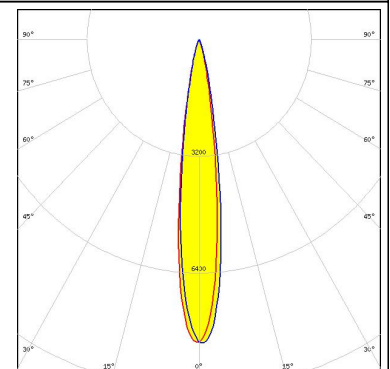
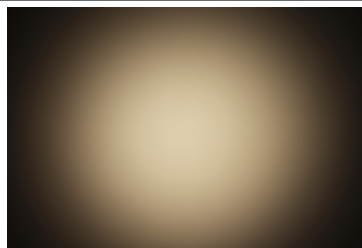


OSRAM
Opto Semiconductors

LED Oslon Square EC
FWHM 15.0°
Efficiency 81 %
Peak intensity 8.200 cd/lm
Required components:
C15196_FLORENTINA-2X2-SHD-OPEN

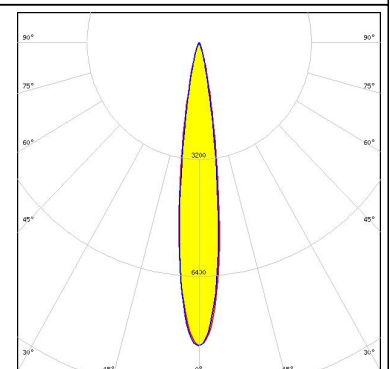
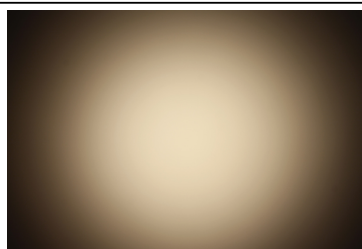
OSRAM
Opto Semiconductors

LED Oslon Square Gen3
FWHM 15.0°
Efficiency 76 %
Peak intensity 8.300 cd/lm
Required components:
C14734_FLORENTINA-2X2-SHD



OSRAM
Opto Semiconductors

LED Oslon Square Gen3
FWHM 15.0°
Efficiency 77 %
Peak intensity 8.300 cd/lm
Required components:
C14960_FLORENTINA-2X2-SHD-WHT



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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