



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!



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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-MRK-S

~25° spot beam . Compatible with ultra high power LEDs.

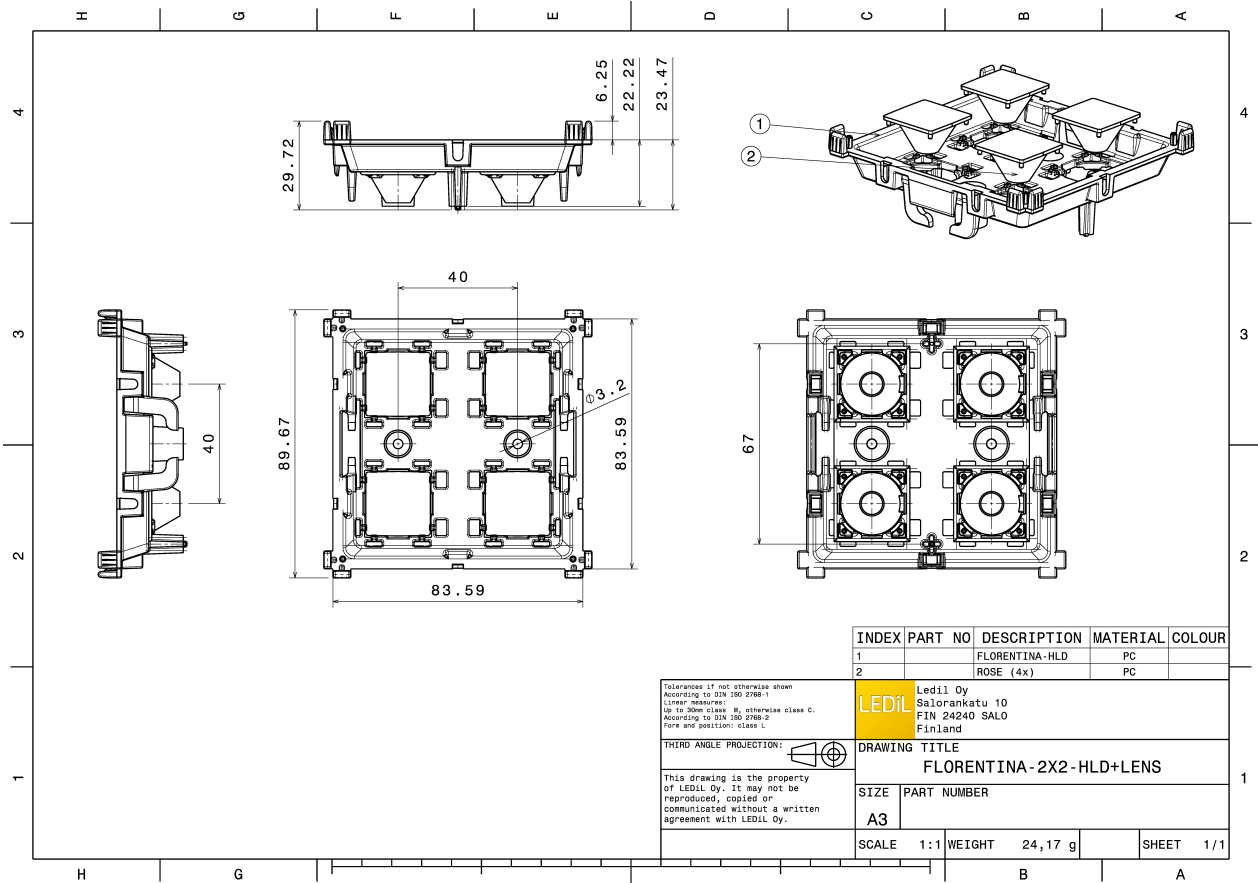
TECHNICAL SPECIFICATIONS:

Dimensions	95.57x95.57 mm
Height	17.7 mm
Fastening	pin, screw
Colour	black
Box size	476 x 273 x 292 mm
Box weight	4.1 kg
Quantity in Box	88 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
ROSE-MRK-S	Lens	PC	clear
FLORENTINA-2X2-HLD	Holder	PC	black



PHOTOMETRIC DATA (MEASURED):



LED XHP35 HD

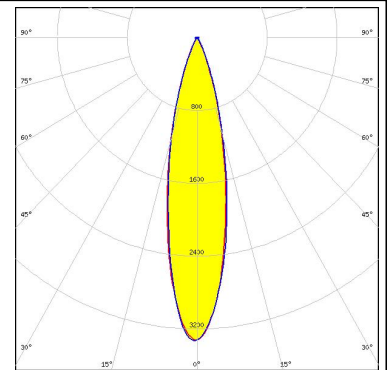
FWHM 23.0°

Efficiency 77 %

Peak intensity 3.300 cd/lm

Required components:

C15196_FLORENTINA-2X2-SHD-OPEN



LED XHP35 HD

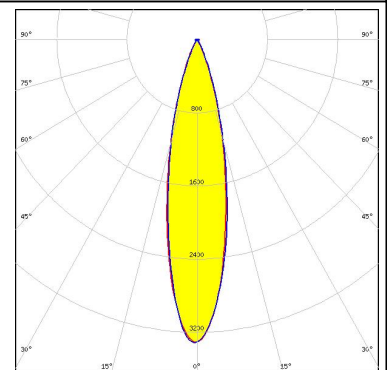
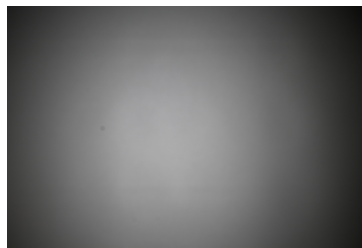
FWHM 23.0°

Efficiency 80 %

Peak intensity 3.300 cd/lm

Required components:

C14960_FLORENTINA-2X2-SHD-WHT



LED XHP35 HD

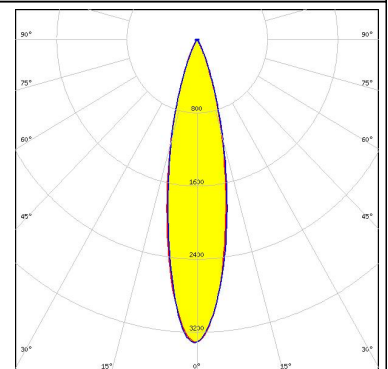
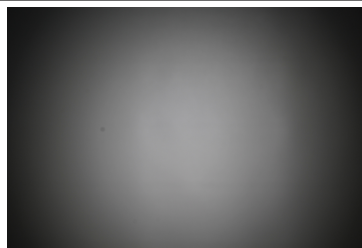
FWHM 23.0°

Efficiency 76 %

Peak intensity 3.300 cd/lm

Required components:

C14734_FLORENTINA-2X2-SHD



LED XHP50

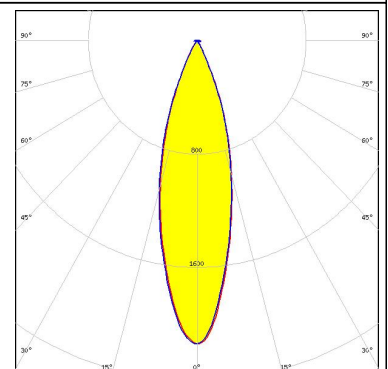
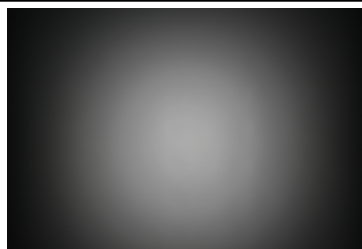
FWHM 28.0°

Efficiency 72 %

Peak intensity 2.100 cd/lm

Required components:

C14734_FLORENTINA-2X2-SHD

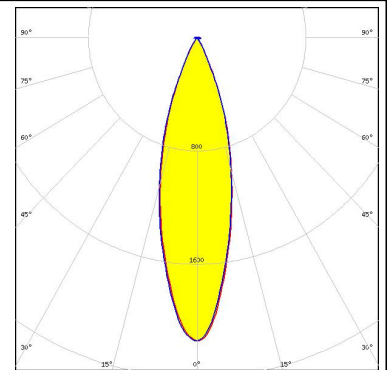


PHOTOMETRIC DATA (MEASURED):



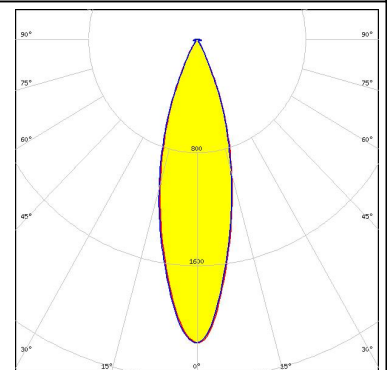
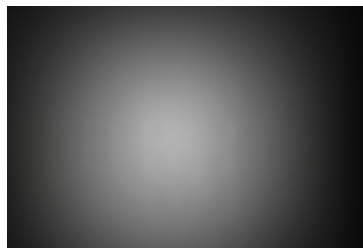
LED XHP50
 FWHM 28.0°
 Efficiency 72 %
 Peak intensity 2.100 cd/lm
 Required components:

C15196_FLORENTINA-2X2-SHD-OPEN



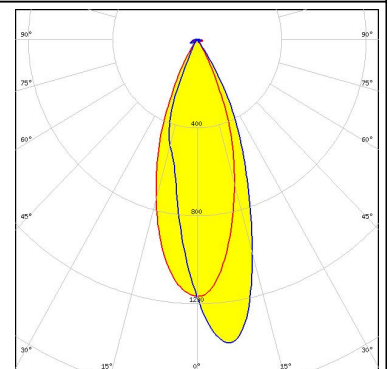
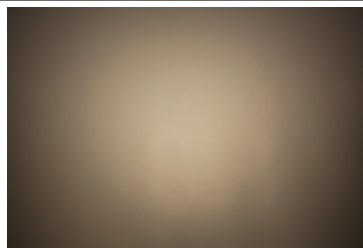
LED XHP50
 FWHM 29.0°
 Efficiency 77 %
 Peak intensity 2.100 cd/lm
 Required components:

C14960_FLORENTINA-2X2-SHD-WHT



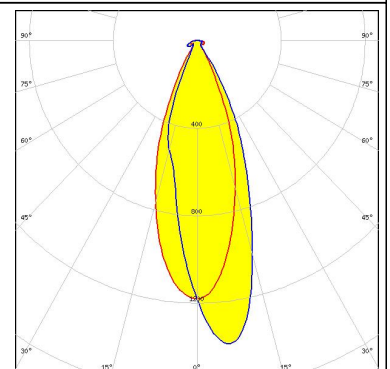
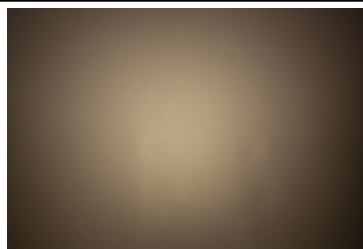
LED XHP70
 FWHM 36.0°
 Efficiency 62 %
 Peak intensity 1.400 cd/lm
 Required components:

C15196_FLORENTINA-2X2-SHD-OPEN



LED XHP70
 FWHM 37.0°
 Efficiency 71 %
 Peak intensity 1.400 cd/lm
 Required components:

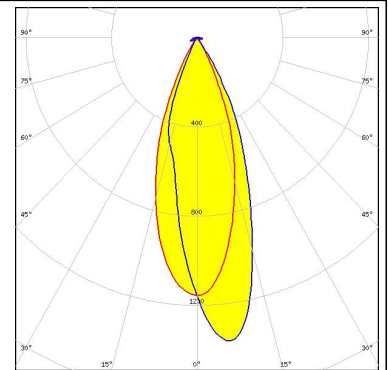
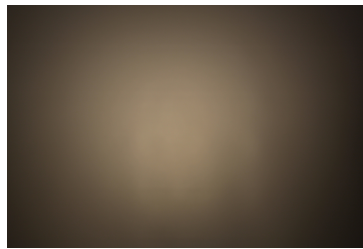
C14960_FLORENTINA-2X2-SHD-WHT



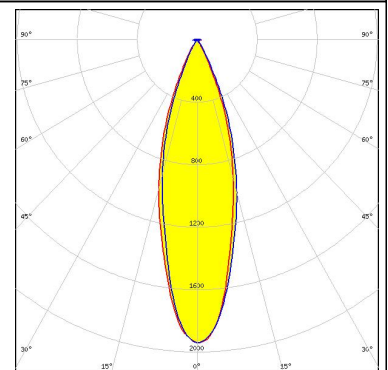
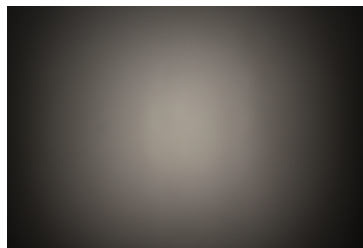
PHOTOMETRIC DATA (MEASURED):



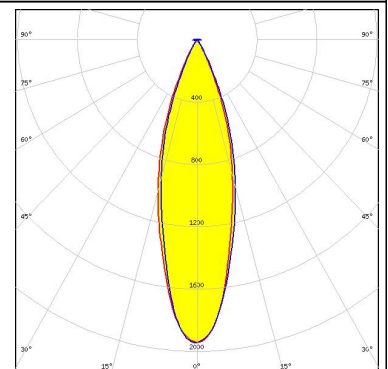
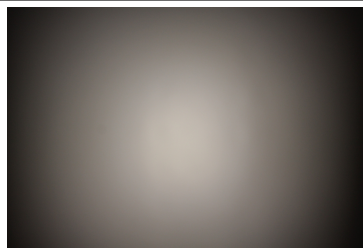
LED XHP70
 FWHM 36.0°
 Efficiency 61 %
 Peak intensity 1.400 cd/lm
 Required components:
 C14734_FLORENTINA-2X2-SHD



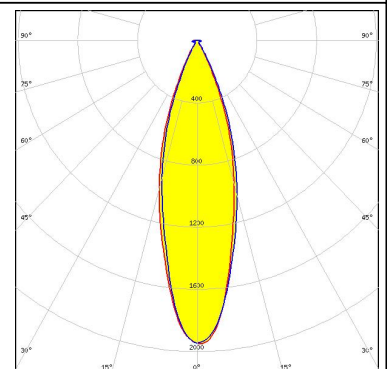
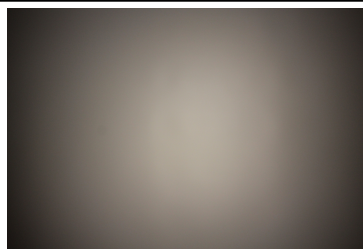
LED H70E0
 FWHM 30.0°
 Efficiency 71 %
 Peak intensity 1.900 cd/lm
 Required components:
 C14734_FLORENTINA-2X2-SHD



LED H70E0
 FWHM 30.0°
 Efficiency 72 %
 Peak intensity 1.900 cd/lm
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



LED H70E0
 FWHM 30.0°
 Efficiency 77 %
 Peak intensity 2.000 cd/lm
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON M/MX

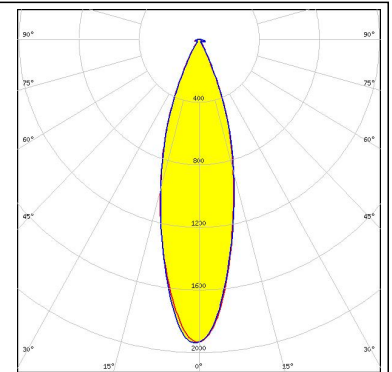
FWHM 29.0°

Efficiency 75 %

Peak intensity 1.900 cd/lm

Required components:

C14960_FLORENTINA-2X2-SHD-WHT



LUMILEDS

LED LUXEON M/MX

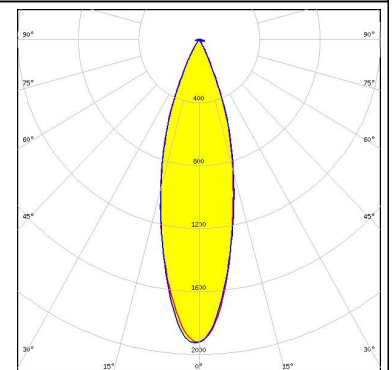
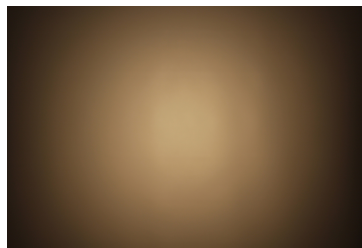
FWHM 29.0°

Efficiency 68 %

Peak intensity 1.900 cd/lm

Required components:

C14734_FLORENTINA-2X2-SHD



LUMILEDS

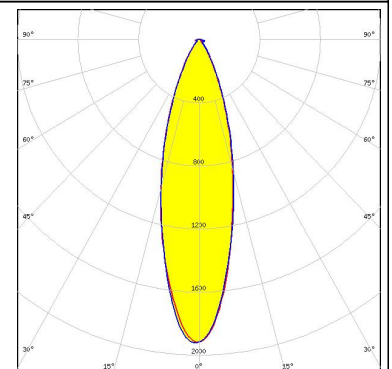
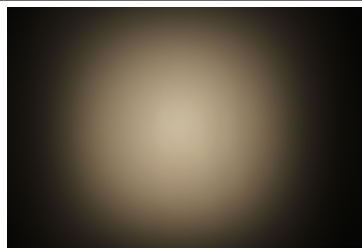
LED LUXEON M/MX

FWHM 29.0°

Efficiency 79 %

Peak intensity 1.900 cd/lm

Required components:



LUMILEDS

LED LUXEON M/MX

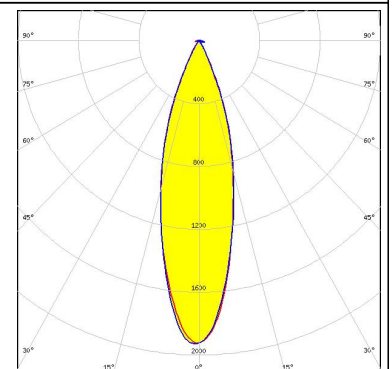
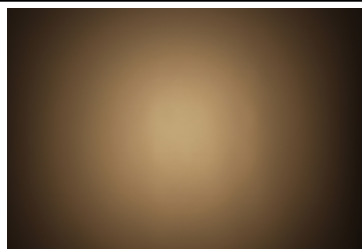
FWHM 29.0°

Efficiency 69 %

Peak intensity 1.900 cd/lm

Required components:

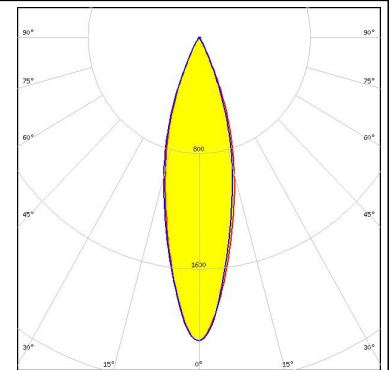
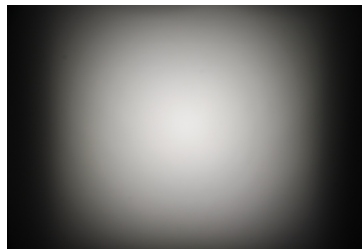
C15196_FLORENTINA-2X2-SHD-OPEN



PHOTOMETRIC DATA (MEASURED):

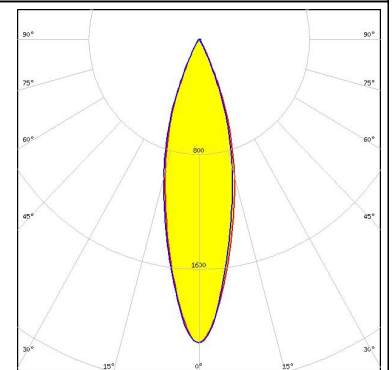
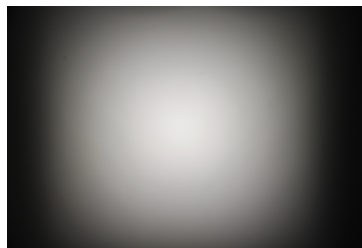
OSRAM
Opto Semiconductors

LED OSCONIQ P 7070
FWHM 28.0°
Efficiency 63 %
Peak intensity 2.100 cd/lm
Required components:
C15196_FLORENTINA-2X2-SHD-OPEN



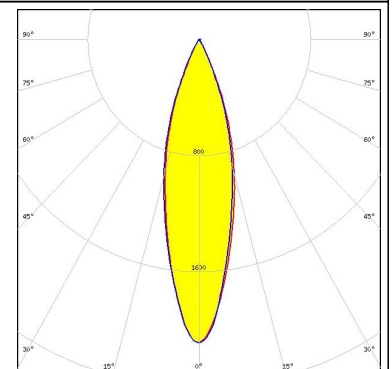
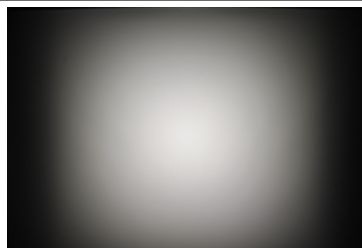
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C14960_FLORENTINA-2X2-SHD-WHT



OSRAM
Opto Semiconductors

LED OSCONIQ P 7070
FWHM 28.0°
Efficiency 62 %
Peak intensity 2.100 cd/lm
Required components:
C14734_FLORENTINA-2X2-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.

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