



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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## FLORENTINA-2X2-O

~45° 15° oval beam

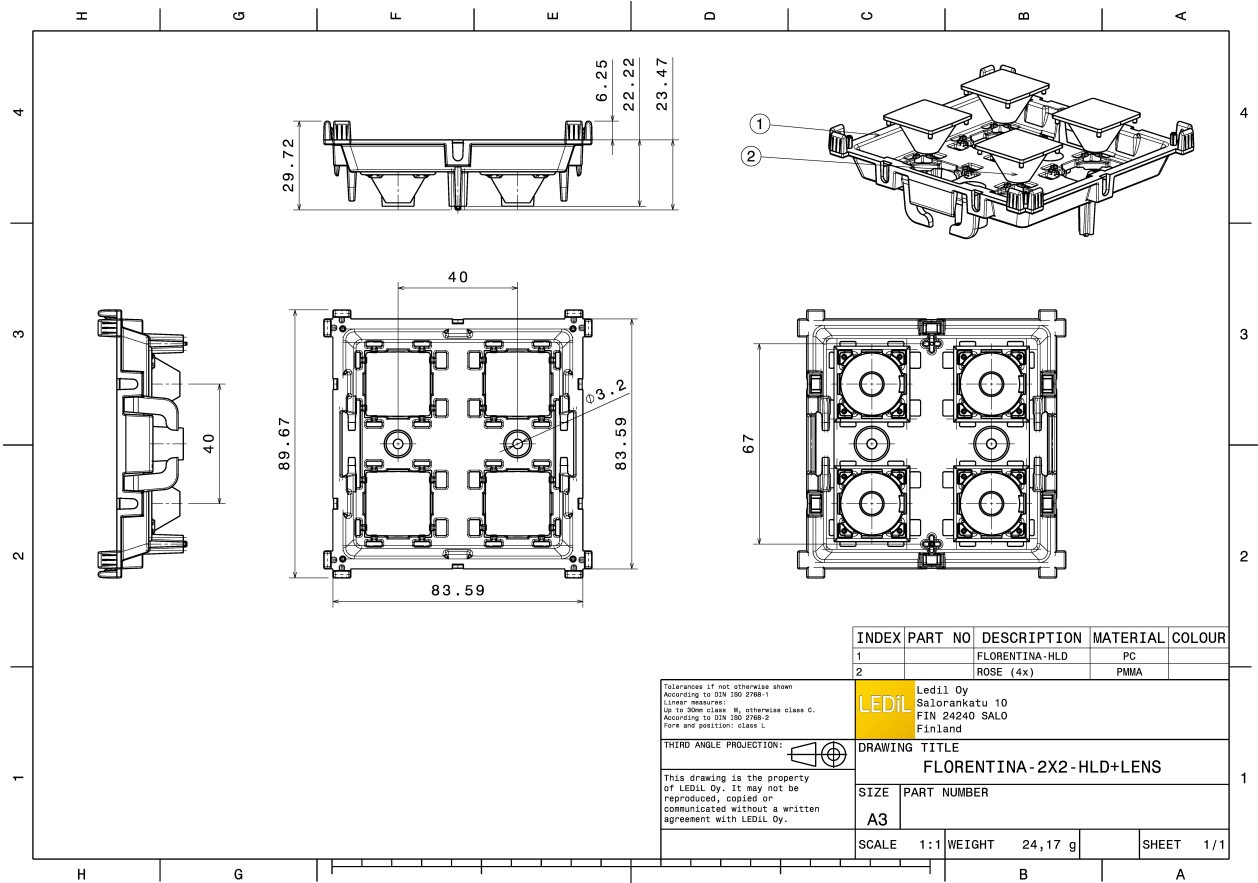
### TECHNICAL SPECIFICATIONS:

Dimensions	95.57x95.57 mm
Height	29.7 mm
Fastening	pin
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-O	Lens	PC	clear
FLORENTINA-2X2-HLD	Holder	PC	black

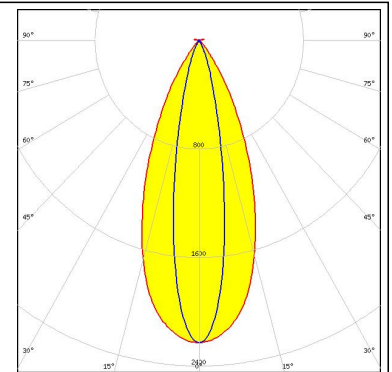




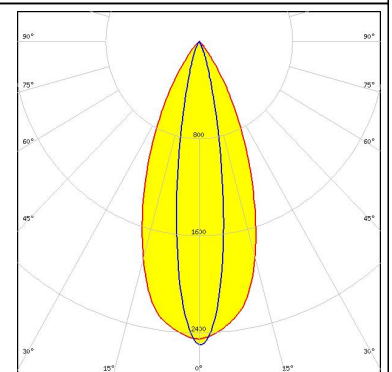
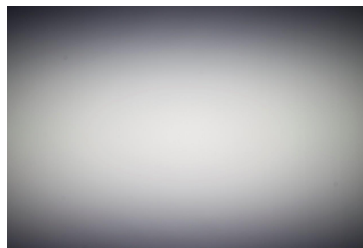
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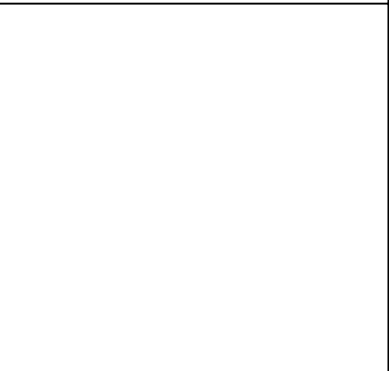
LED XHP35 HD  
FWHM 43.0 + 20.0°  
Efficiency 72 %  
Peak intensity 2.200 cd/lm  
Required components:  
C14734\_FLORENTINA-2X2-SHD



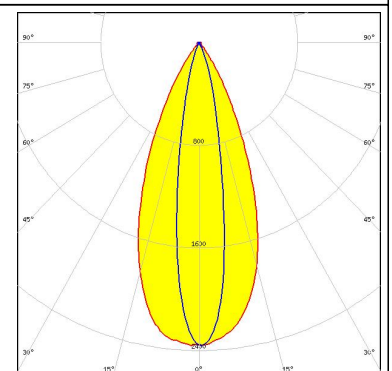
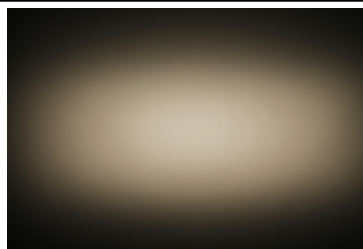
LED XP-L  
FWHM 44.0 + 18.0°  
Efficiency 70 %  
Peak intensity 2.500 cd/lm  
Required components:  
C14734\_FLORENTINA-2X2-SHD



LED XP-L  
FWHM 44.0 + 18.0°  
Efficiency 70 %  
Peak intensity 2.500 cd/lm  
Required components:  
C14960\_FLORENTINA-2X2-SHD-WHT



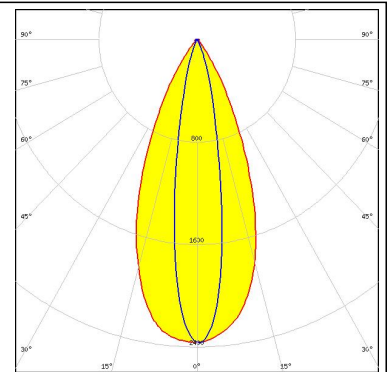
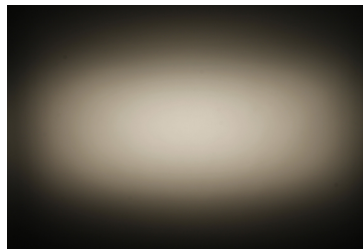
LED LUXEON MZ  
FWHM 44.0 + 18.0°  
Efficiency 70 %  
Peak intensity 2.400 cd/lm  
Required components:  
C14734\_FLORENTINA-2X2-SHD



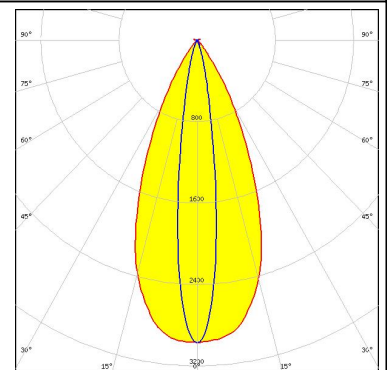
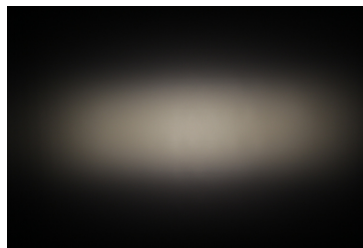
#### PHOTOMETRIC DATA (MEASURED):



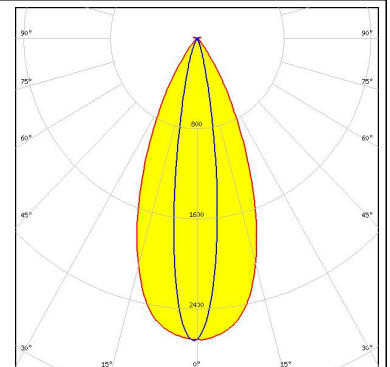
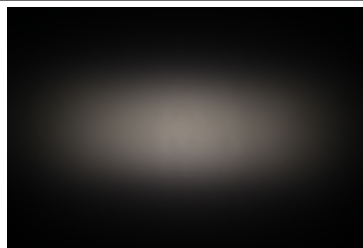
LED LUXEON MZ  
 FWHM 44.0 + 18.0°  
 Efficiency 74 %  
 Peak intensity 2.400 cd/lm  
 Required components:  
 C14960\_FLORENTINA-2X2-SHD-WHT



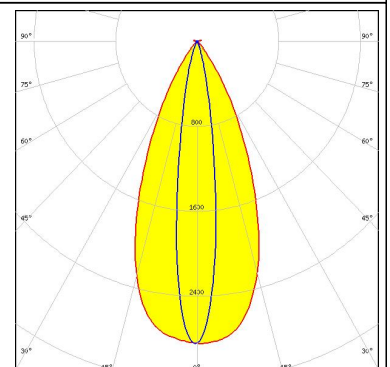
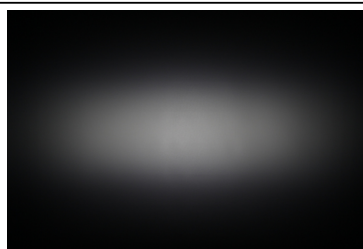
LED LUXEON TX  
 FWHM 46.0 + 15.0°  
 Efficiency 75 %  
 Peak intensity 3.000 cd/lm  
 Required components:  
 C14734\_FLORENTINA-2X2-SHD



LED NVSxx19B/NVSxx19C  
 FWHM 44.0 + 17.0°  
 Efficiency 73 %  
 Peak intensity 2.700 cd/lm  
 Required components:  
 C14734\_FLORENTINA-2X2-SHD



LED Oslon Square EC  
 FWHM 45.0 + 15.0°  
 Efficiency 74 %  
 Peak intensity 2.800 cd/lm  
 Required components:  
 C14734\_FLORENTINA-2X2-SHD



#### PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

LED Oslon Square Gen3

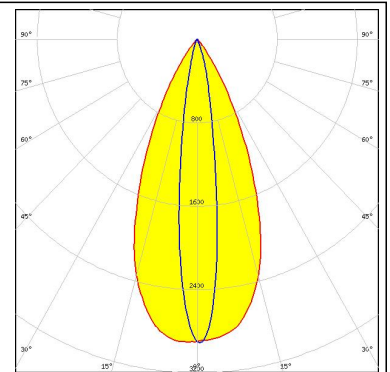
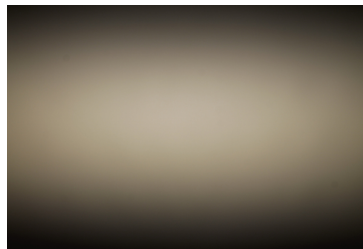
FWHM 46.0 + 15.0°

Efficiency 73 %

Peak intensity 2.900 cd/lm

Required components:

C14960\_FLORENTINA-2X2-SHD-WHT



**OSRAM**  
Opto Semiconductors

LED Oslon Square Gen3

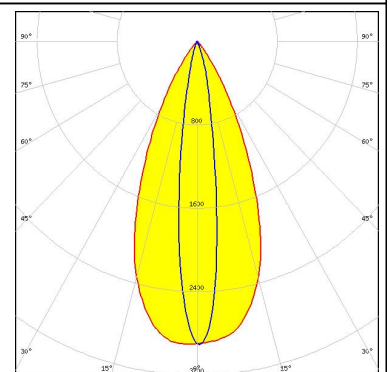
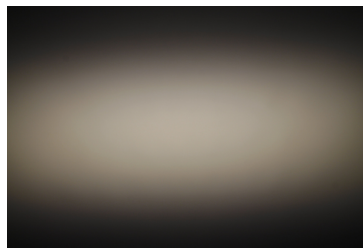
FWHM 46.0 + 15.0°

Efficiency 70 %

Peak intensity 2.900 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.

#### 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.

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