



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

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



## FLORENTINA-2X2-SS

~16° smooth spot beam

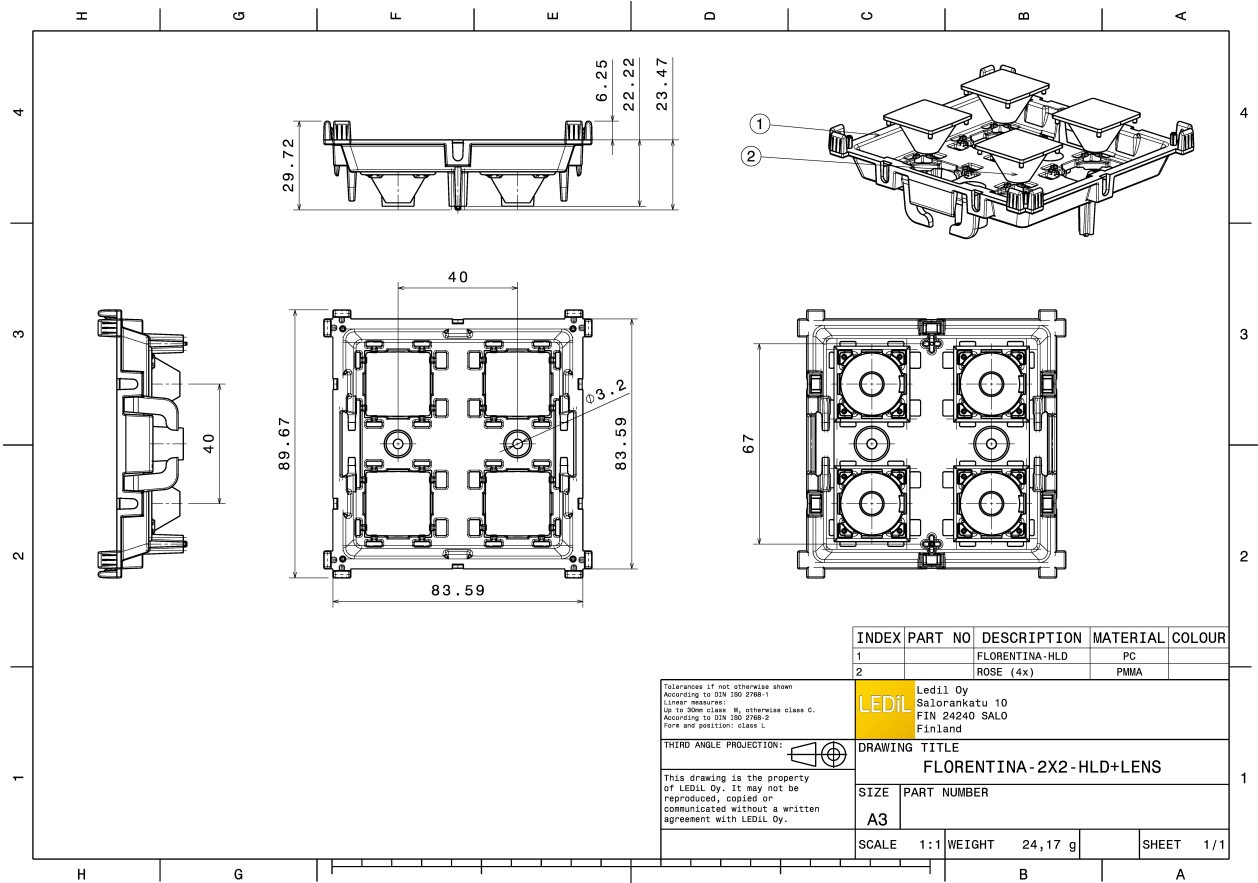
### TECHNICAL SPECIFICATIONS:

Dimensions	95.57x95.57 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	Lens	PC	clear
FLORENTINA-2X2-HLD	Holder	PC	black



#### PHOTOMETRIC DATA (MEASURED):



LED XHP35 HD

FWHM 21.0°

Efficiency 82 %

Peak intensity 4.700 cd/lm

Required components:

C15196\_FLORENTINA-2X2-SHD-OPEN



LED XHP35 HD

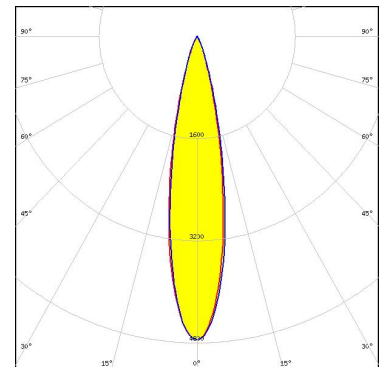
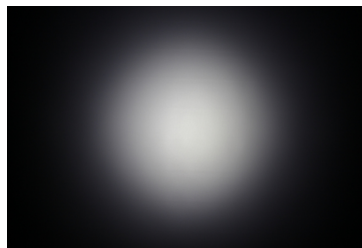
FWHM 21.0°

Efficiency 82 %

Peak intensity 4.700 cd/lm

Required components:

C14734\_FLORENTINA-2X2-SHD



LED XP-L

FWHM 20.0°

Efficiency 79 %

Peak intensity 5.400 cd/lm

Required components:

C15196\_FLORENTINA-2X2-SHD-OPEN



LED XP-L

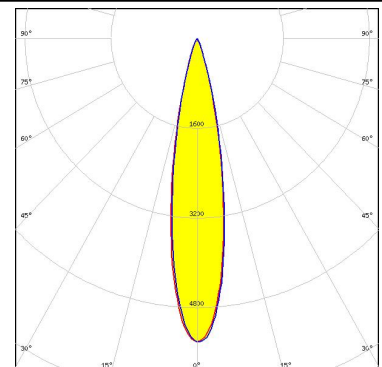
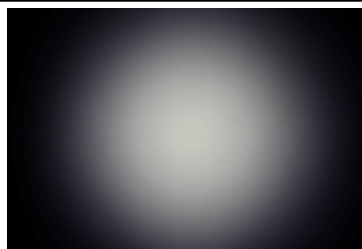
FWHM 20.0°

Efficiency 79 %

Peak intensity 5.400 cd/lm

Required components:

C14734\_FLORENTINA-2X2-SHD



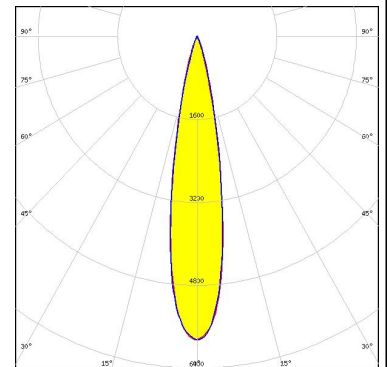
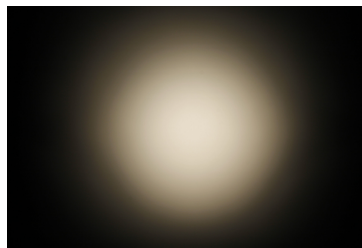
#### PHOTOMETRIC DATA (MEASURED):



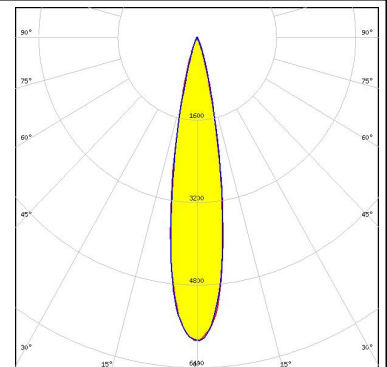
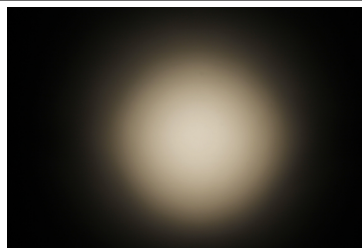
LED XP-L  
 FWHM 20.0°  
 Efficiency 79 %  
 Peak intensity 5.400 cd/lm  
 Required components:  
 C14960\_FLORENTINA-2X2-SHD-WHT



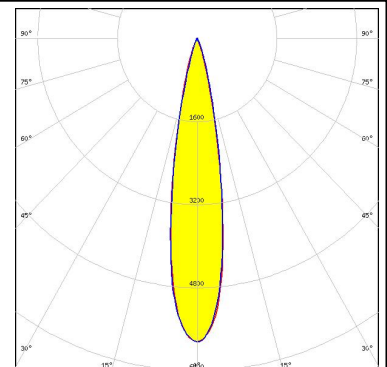
LED LUXEON MZ  
 FWHM 20.0°  
 Efficiency 80 %  
 Peak intensity 5.900 cd/lm  
 Required components:  
 C14734\_FLORENTINA-2X2-SHD



LED LUXEON MZ  
 FWHM 20.0°  
 Efficiency 82 %  
 Peak intensity 5.900 cd/lm  
 Required components:  
 C14960\_FLORENTINA-2X2-SHD-WHT



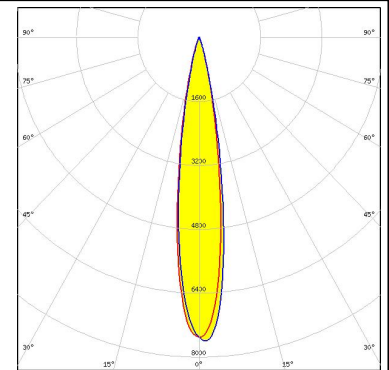
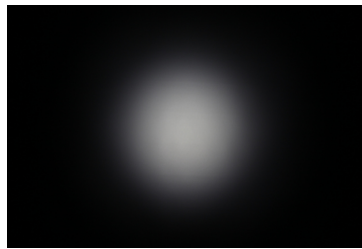
LED LUXEON MZ  
 FWHM 20.0°  
 Efficiency 80 %  
 Peak intensity 5.900 cd/lm  
 Required components:  
 C15196\_FLORENTINA-2X2-SHD-OPEN



#### PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

LED Oslon Square EC  
 FWHM 17.0°  
 Efficiency 83 %  
 Peak intensity 7.600 cd/lm  
 Required components:  
 C14734\_FLORENTINA-2X2-SHD

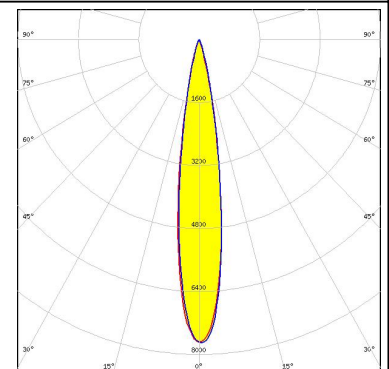
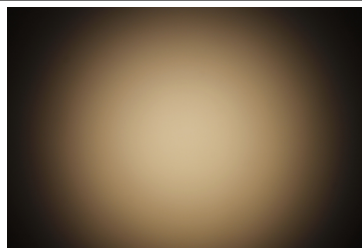


**OSRAM**  
Opto Semiconductors

LED Oslon Square EC  
 FWHM 17.0°  
 Efficiency 83 %  
 Peak intensity 7.600 cd/lm  
 Required components:  
 C15196\_FLORENTINA-2X2-SHD-OPEN

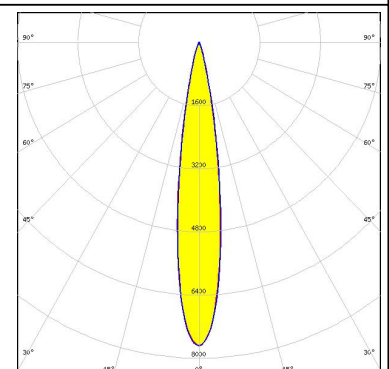
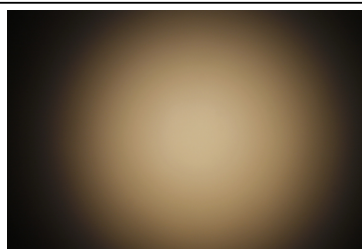
**OSRAM**  
Opto Semiconductors

LED Oslon Square Gen3  
 FWHM 16.0°  
 Efficiency 78 %  
 Peak intensity 7.700 cd/lm  
 Required components:  
 C14734\_FLORENTINA-2X2-SHD



**OSRAM**  
Opto Semiconductors

LED Oslon Square Gen3  
 FWHM 16.0°  
 Efficiency 82 %  
 Peak intensity 7.700 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.

#### 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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

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