



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-HLD-SS

~16° smooth spot beam

TECHNICAL SPECIFICATIONS:

Dimensions	285.6 x 19.5 mm
Height	9.5 mm
Fastening	screw
Colour	black
Box size	398 x 298 x 140 mm
Box weight	3.3 kg
Quantity in Box	160 pcs
ROHS compliant	yes ⓘ



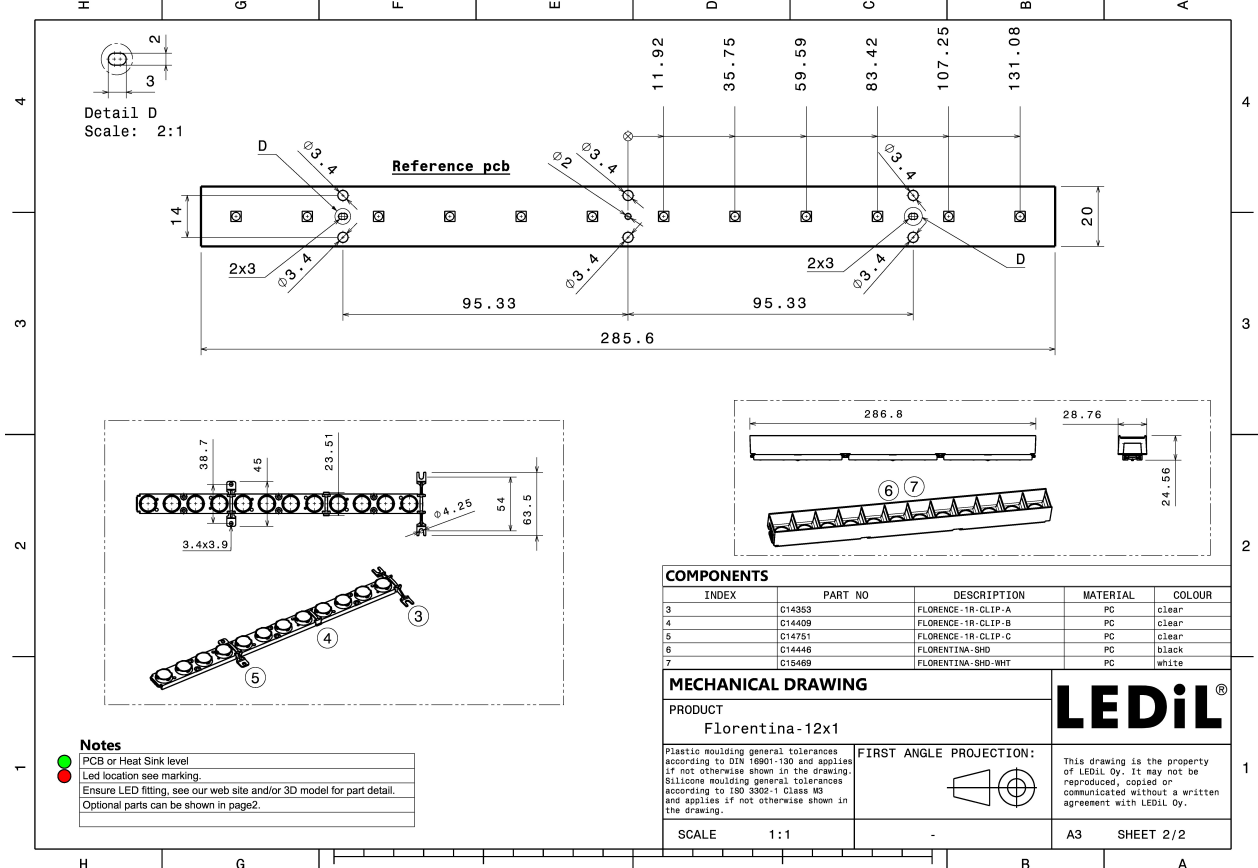
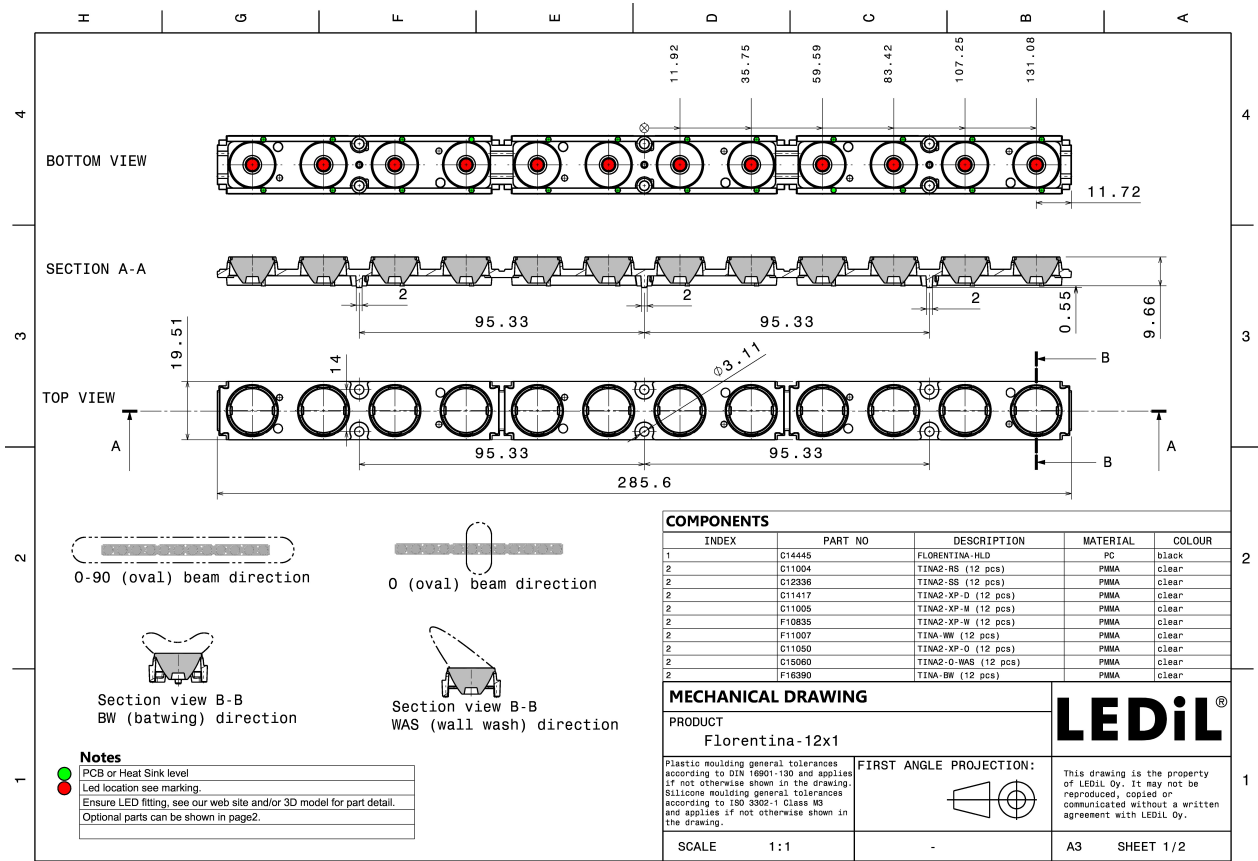
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA2-SS	Lens	PMMA	clear
FLORENTINA-HLD	Holder	PC	black

LEDiL®

PRODUCT DATASHEET

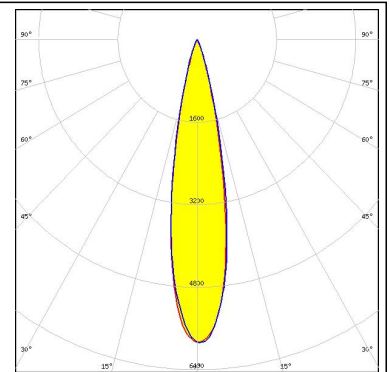
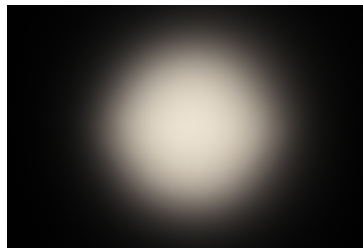
CP14993_FLORENTINA-HLD-SS



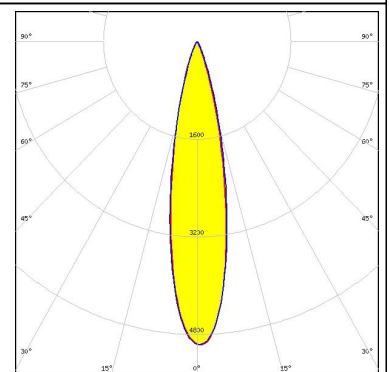
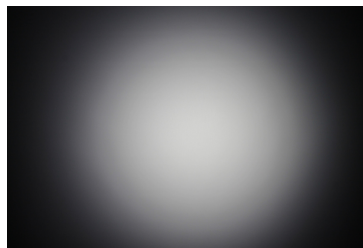
PHOTOMETRIC DATA (MEASURED):



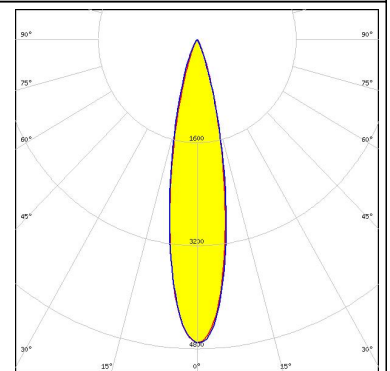
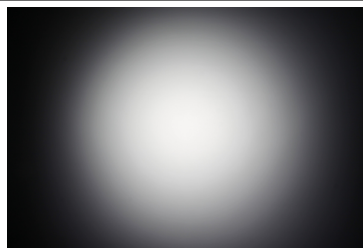
LED XP-E2
 FWHM 21.0°
 Efficiency 85 %
 Peak intensity 5.880 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



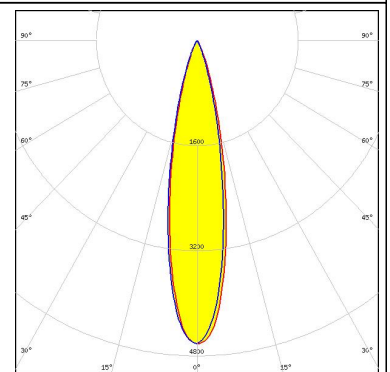
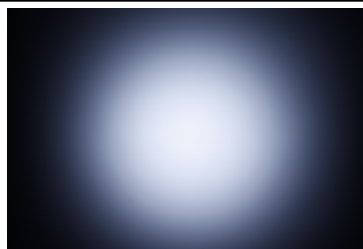
LED XP-G2
 FWHM 22.0°
 Efficiency 87 %
 Peak intensity 5.000 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



LED H35C1 (LEMWA33)
 FWHM 22.0°
 Efficiency 84 %
 Peak intensity 4.700 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



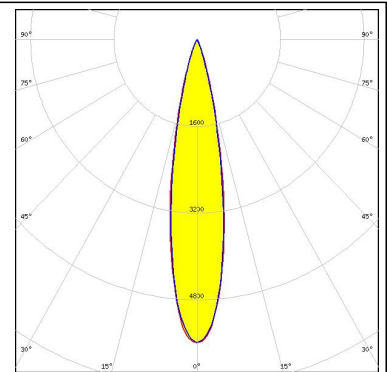
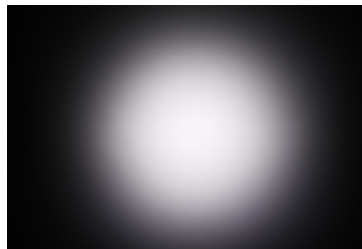
LED LUXEON Rebel ES
 FWHM 22.0°
 Efficiency 83 %
 Peak intensity 4.600 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (MEASURED):

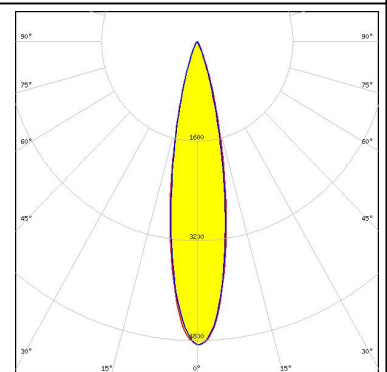
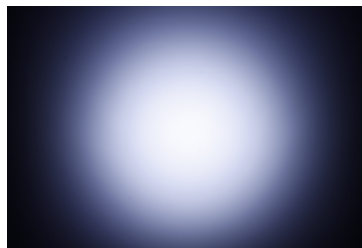
LUMILEDS

LED LUXEON Rebel Plus
 FWHM 20.0°
 Efficiency 84 %
 Peak intensity 5.600 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



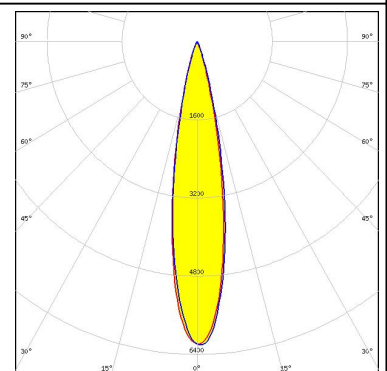
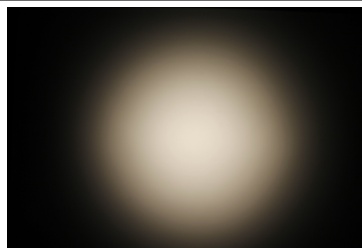
LUMILEDS

LED LUXEON TX
 FWHM 21.0°
 Efficiency 84 %
 Peak intensity 4.900 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



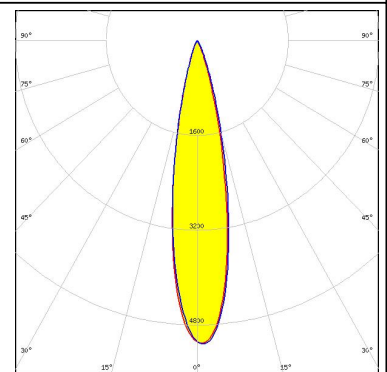
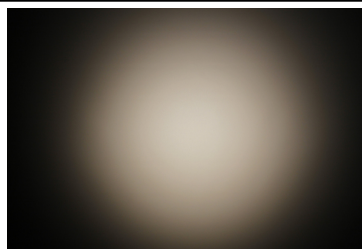
LUMILEDS

LED LUXEON Z ES
 FWHM 20.0°
 Efficiency 85 %
 Peak intensity 6.200 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



NICHIA

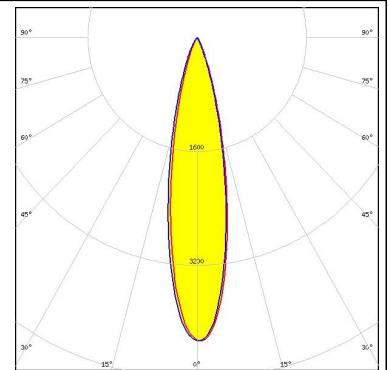
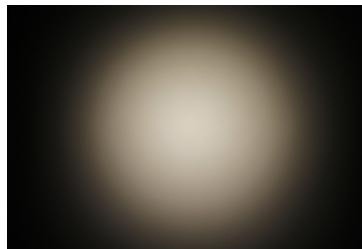
LED NCSxx19B
 FWHM 21.0°
 Efficiency 84 %
 Peak intensity 5.100 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



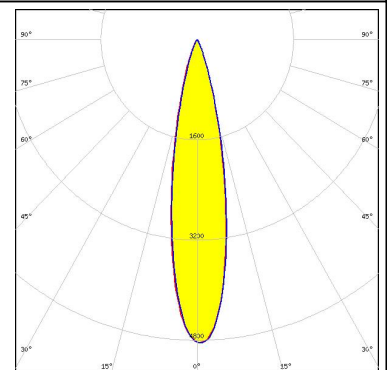
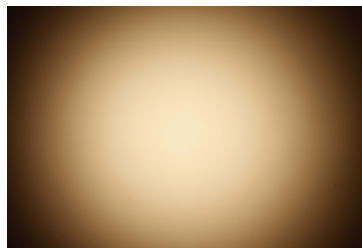
PHOTOMETRIC DATA (MEASURED):



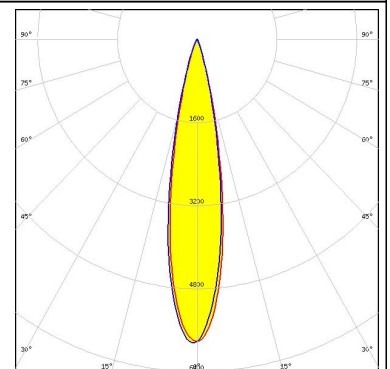
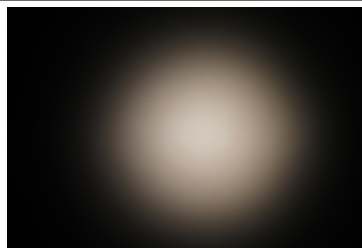
LED NVSxx19B/NVSxx19C
 FWHM 22.0°
 Efficiency 82 %
 Peak intensity 4.270 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



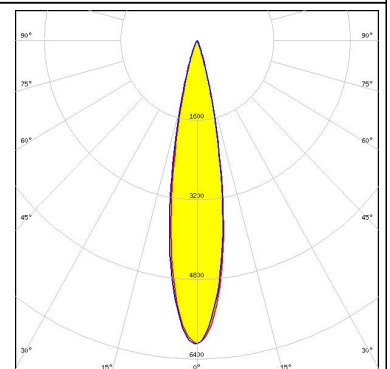
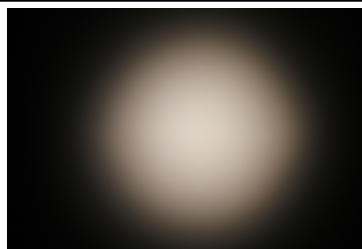
LED Oslon Square EC
 FWHM 21.0°
 Efficiency 82 %
 Peak intensity 4.850 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



LED Oslon SSL 150
 FWHM 20.0°
 Efficiency 86 %
 Peak intensity 5.800 cd/lm
 Required components:



LED Oslon SSL 150
 FWHM 20.0°
 Efficiency 83 %
 Peak intensity 6.100 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED Oslon SSL 80

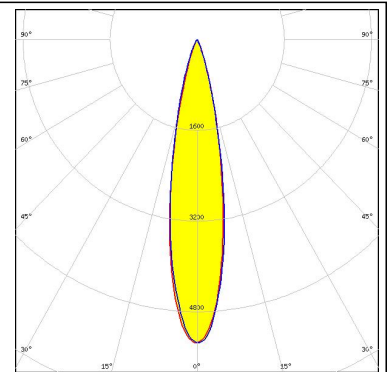
FWHM 20.0°

Efficiency 83 %

Peak intensity 5.360 cd/lm

Required components:

C14446_FLORENTINA-SHD



SAMSUNG

LED LH351B

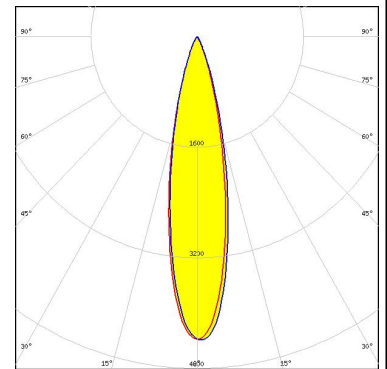
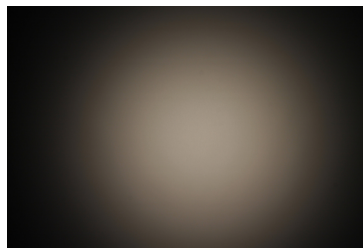
FWHM 22.0°

Efficiency 84 %

Peak intensity 4.390 cd/lm

Required components:

C14446_FLORENTINA-SHD



TOSHIBA

Leading Innovation >>>

LED TL1L4

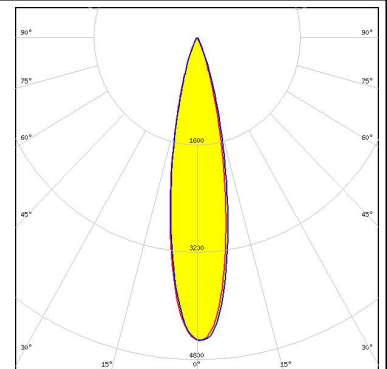
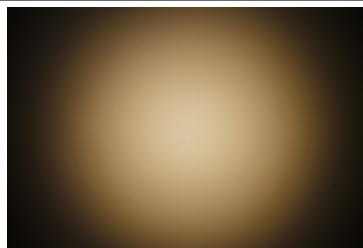
FWHM 22.0°

Efficiency 81 %

Peak intensity 4.520 cd/lm

Required components:

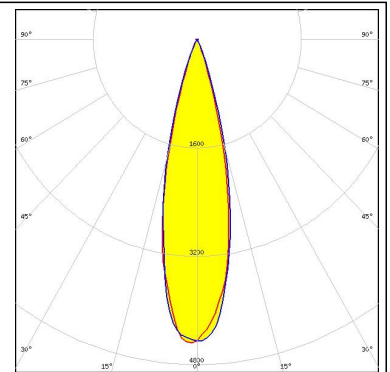
C14446_FLORENTINA-SHD



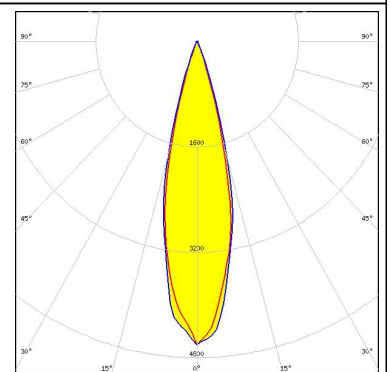
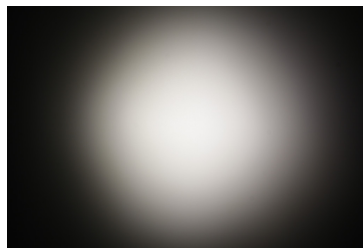
PHOTOMETRIC DATA (SIMULATED):



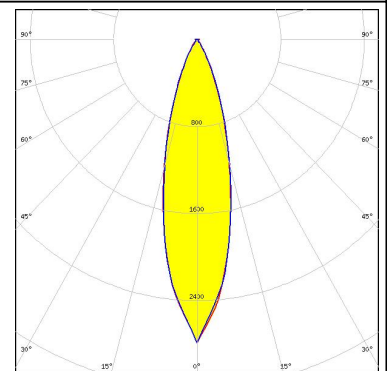
LED XQ-E
 FWHM 25.0°
 Efficiency 89 %
 Peak intensity 4.600 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



LED XQ-E HI
 FWHM 26.0°
 Efficiency 89 %
 Peak intensity 4.700 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



LED NWSx229A
 FWHM 27.0°
 Efficiency 84 %
 Peak intensity 2.790 cd/lm
 Required components:
 C14446_FLORENTINA-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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

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

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)