



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

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FLORENTINA-HLD-WW

~45° wide beam

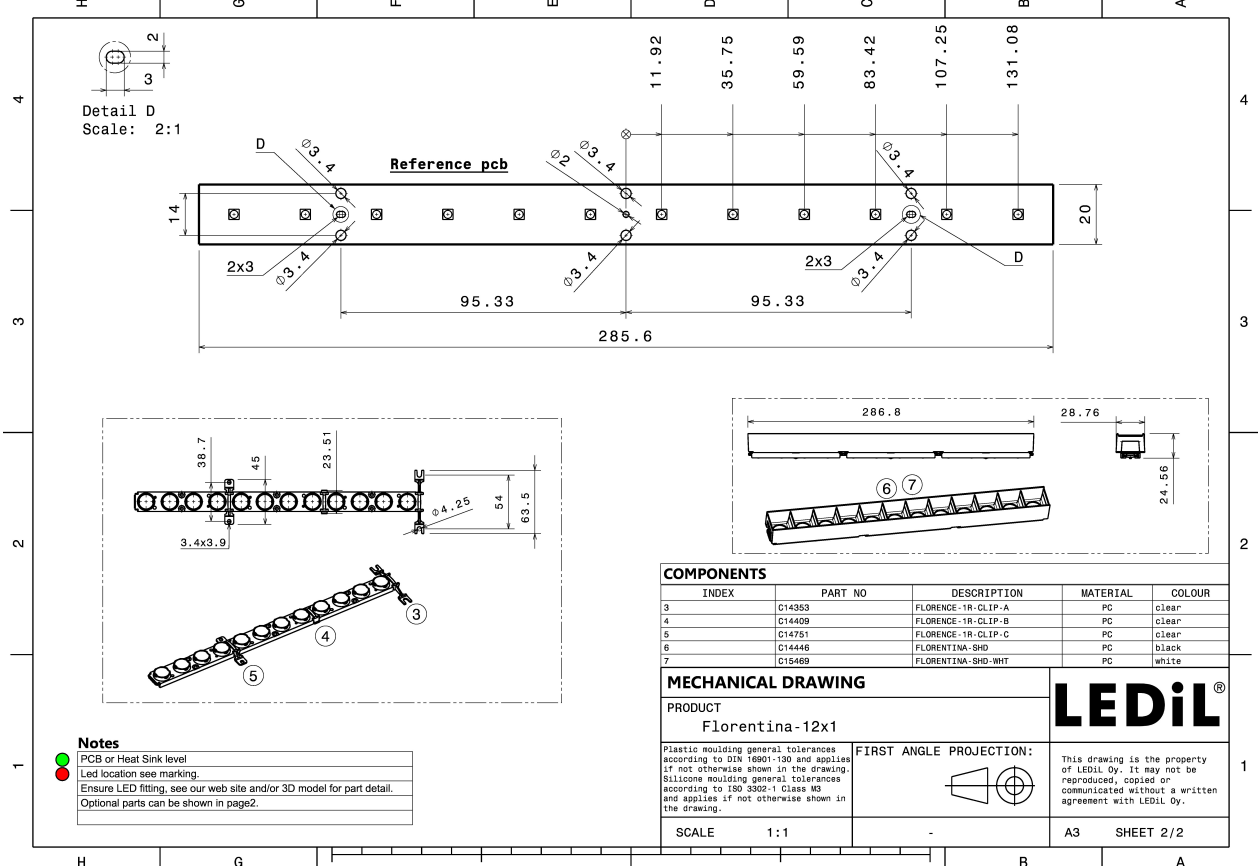
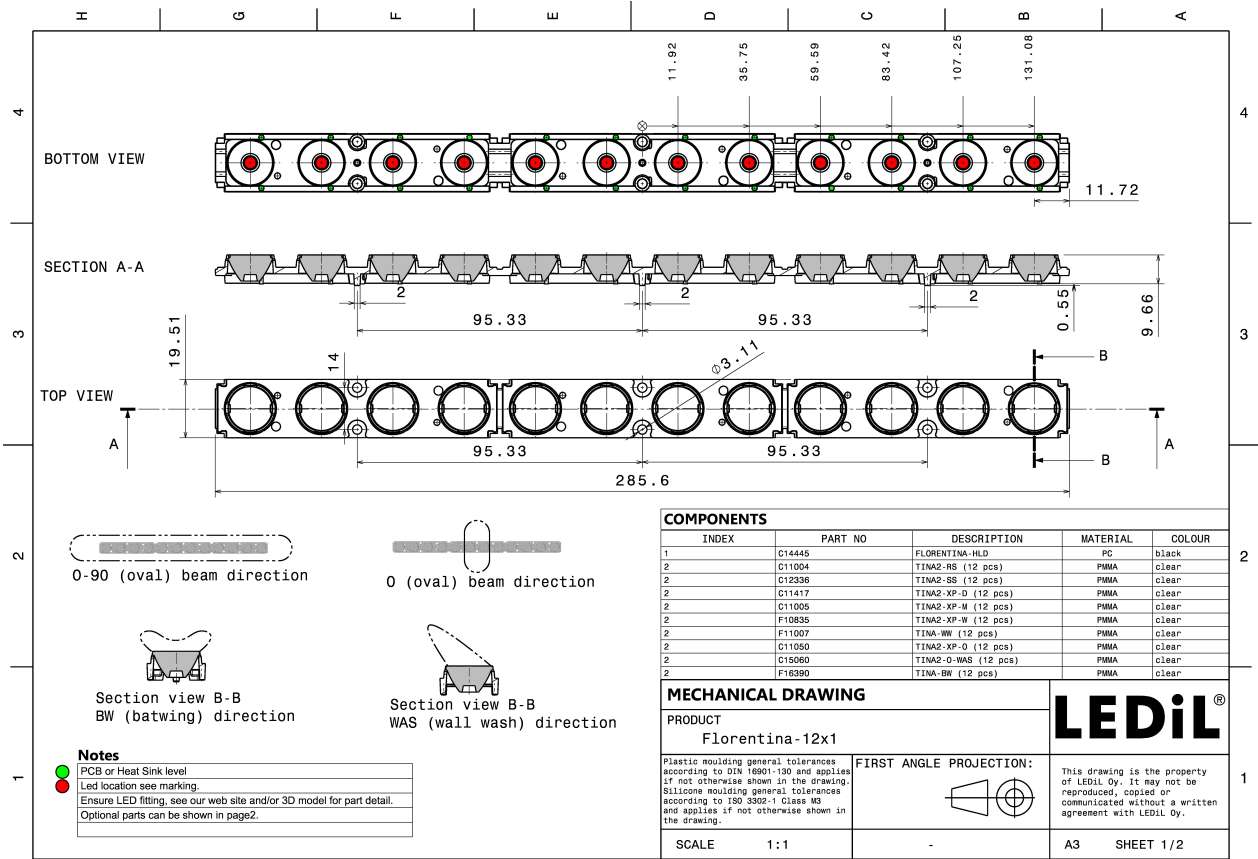
TECHNICAL SPECIFICATIONS:

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	5.2 kg
Quantity in Box	160 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

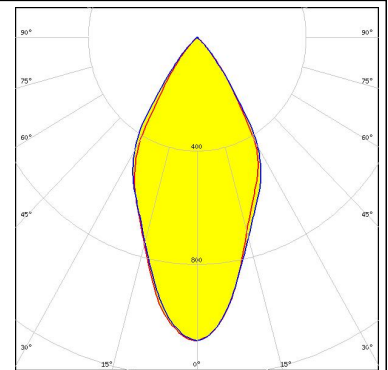
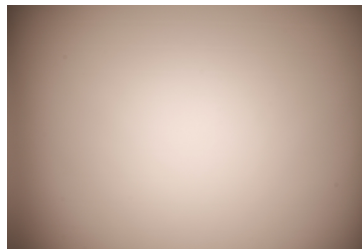
Component	Type	Material	Colour
TINA-WW-XP	Lens	PMMA	clear
FLORENTINA-HLD	Holder	PC	black



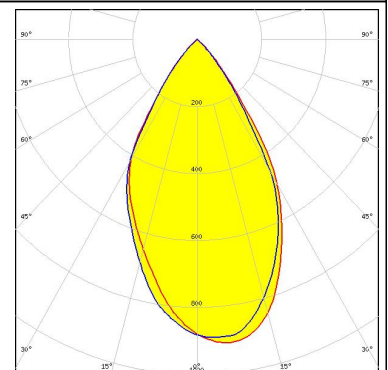
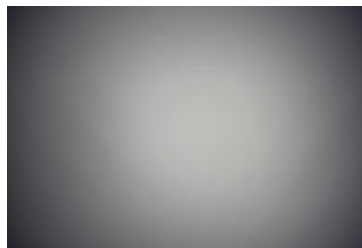
PHOTOMETRIC DATA (MEASURED):



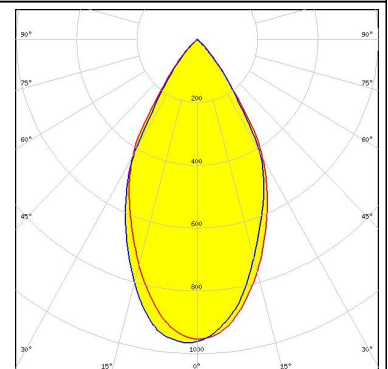
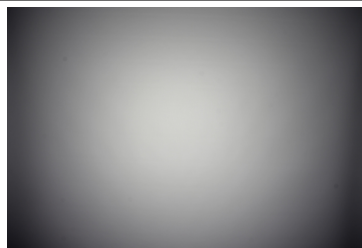
LED XP-E2
 FWHM 52.0°
 Efficiency 77 %
 Peak intensity 1.100 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



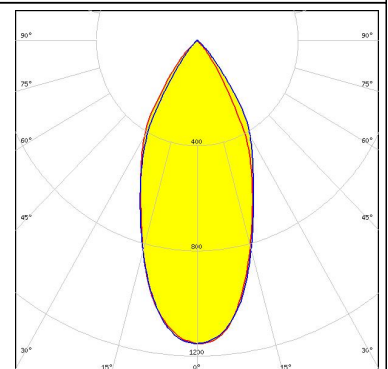
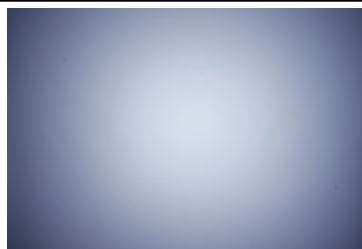
LED XP-G2
 FWHM 59.0°
 Efficiency 78 %
 Peak intensity 0.900 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



LED H35C1 (LEMWA33)
 FWHM 56.0°
 Efficiency 77 %
 Peak intensity 0.970 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



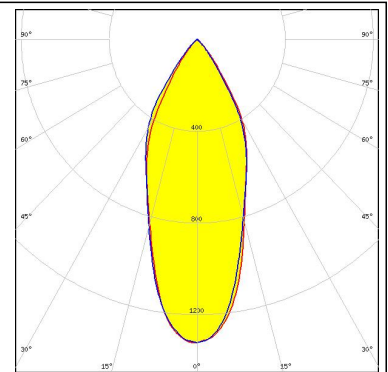
LED LUXEON Rebel ES
 FWHM 46.0°
 Efficiency 77 %
 Peak intensity 1.200 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (MEASURED):

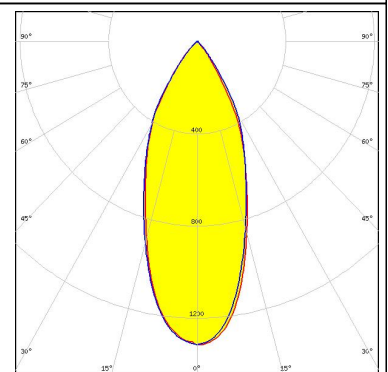
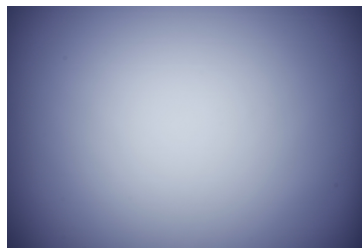
LUMILEDS

LED LUXEON Rebel Plus
 FWHM 40.0°
 Efficiency 79 %
 Peak intensity 1.300 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



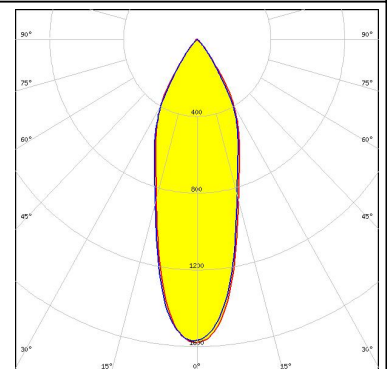
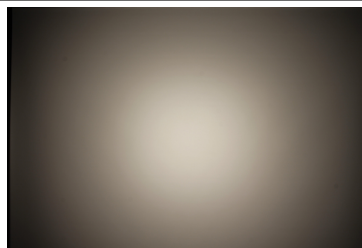
LUMILEDS

LED LUXEON TX
 FWHM 41.0°
 Efficiency 78 %
 Peak intensity 1.300 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



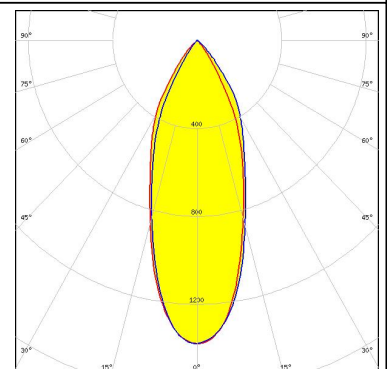
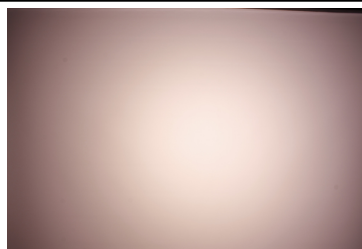
LUMILEDS

LED LUXEON Z ES
 FWHM 33.0°
 Efficiency 80 %
 Peak intensity 1.580 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



NICHIA

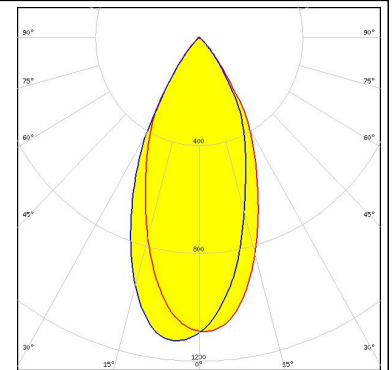
LED NCSxx19B
 FWHM 38.0°
 Efficiency 76 %
 Peak intensity 1.400 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



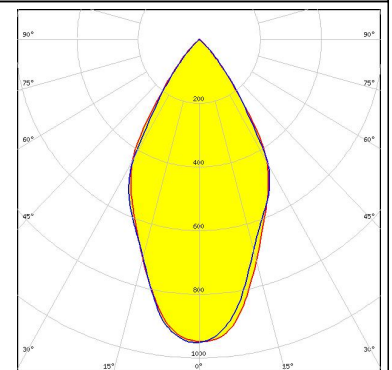
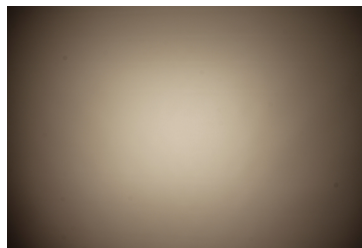
PHOTOMETRIC DATA (MEASURED):



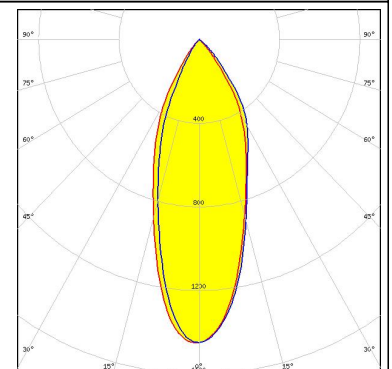
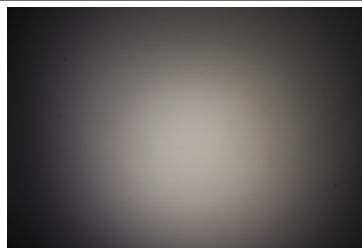
LED NVSxx19B/NVSxx19C
 FWHM 46.0°
 Efficiency 74 %
 Peak intensity 1.130 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



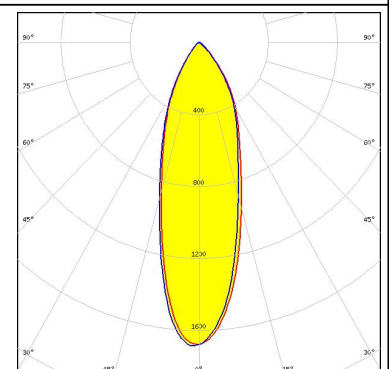
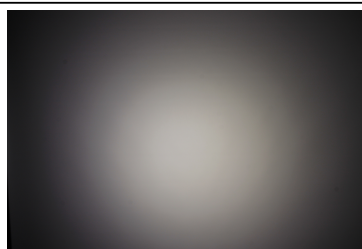
LED Oslon Square EC
 FWHM 57.0°
 Efficiency 76 %
 Peak intensity 0.950 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



LED Oslon SSL 150
 FWHM 37.0°
 Efficiency 79 %
 Peak intensity 1.500 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



LED Oslon SSL 150
 FWHM 32.0°
 Efficiency 85 %
 Peak intensity 1.700 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED Oslon SSL 80

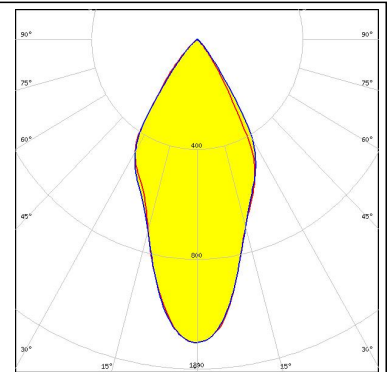
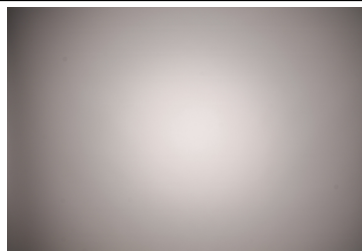
FWHM 47.0°

Efficiency 75 %

Peak intensity cd/lm

Required components:

C14446_FLORENTINA-SHD



SAMSUNG

LED LH351B

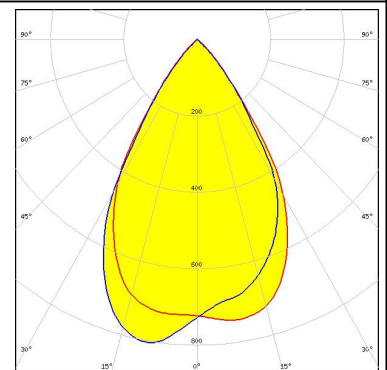
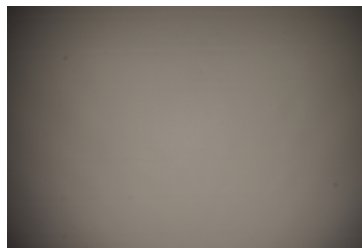
FWHM 64.0°

Efficiency 77 %

Peak intensity 0.820 cd/lm

Required components:

C14446_FLORENTINA-SHD



TOSHIBA

Leading Innovation >>>

LED TL1L4

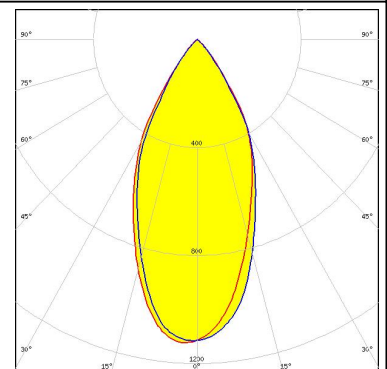
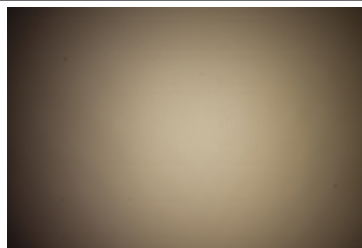
FWHM 48.0°

Efficiency 78 %

Peak intensity 1.130 cd/lm

Required components:

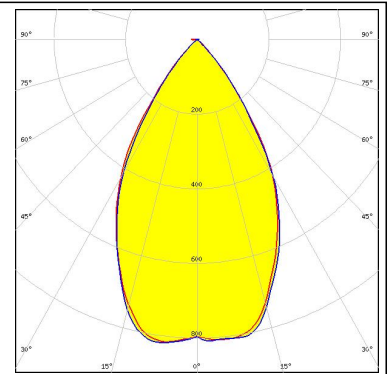
C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (SIMULATED):



LED NWSx229A
FWHM 60.0°
Efficiency 77 %
Peak intensity 0.830 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.

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