



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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FLORENCE-3R-IP-Z90

~90° wide beam

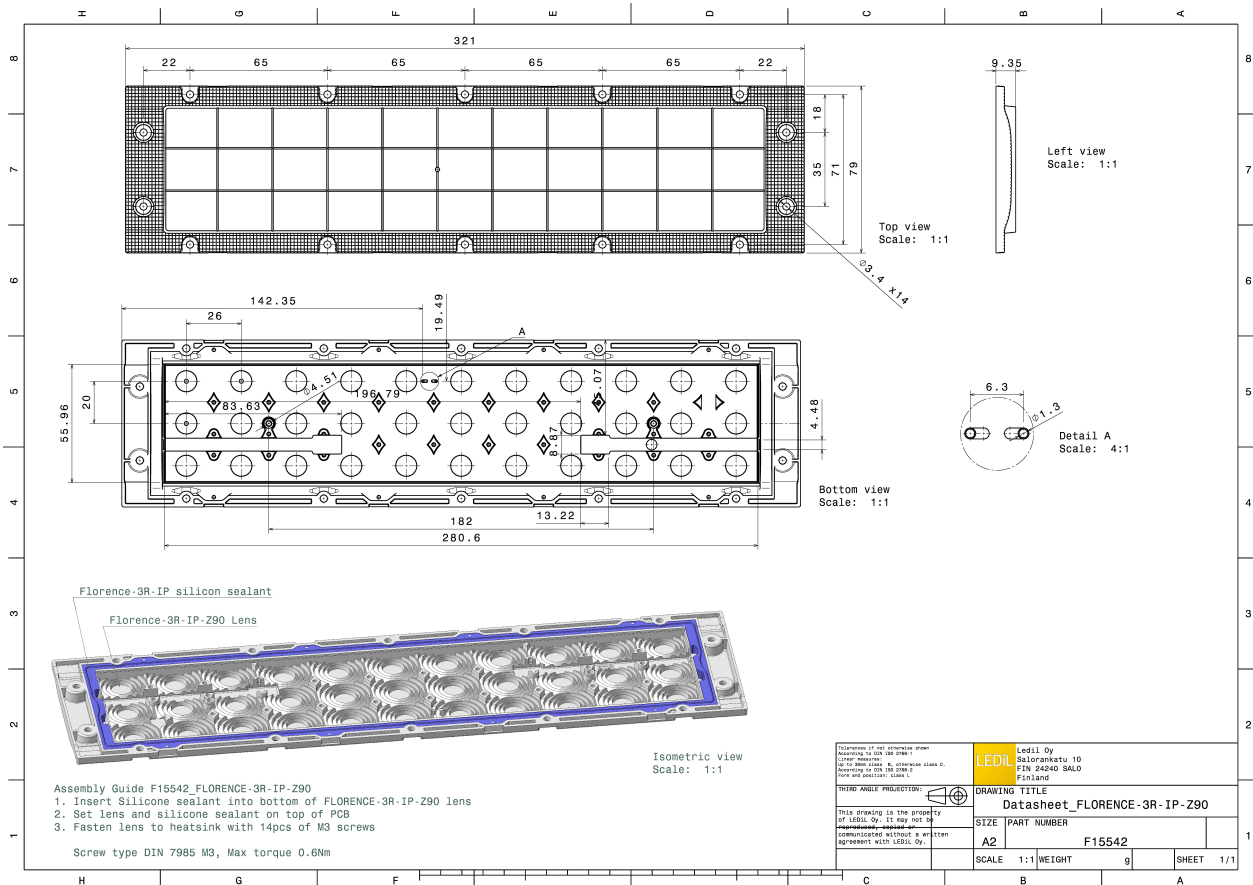
TECHNICAL SPECIFICATIONS:

Dimensions	321.0 x 79.0 mm
Height	9.4 mm
Fastening	screw
Colour	clear
Box size	356 x 356 x 292 mm
Box weight	12.2 kg
Quantity in Box	80 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

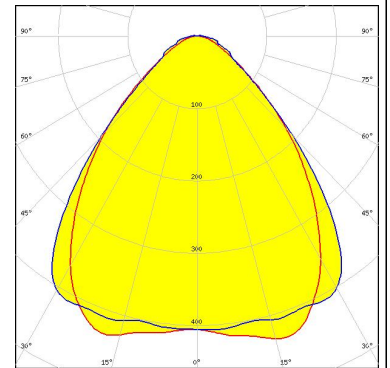
Component	Type	Material	Colour
FLORENCE-3R-IP-Z90	Lens	PC	clear
FLORENCE-3R-IP-SEAL	Seal	Silicone	clear



PHOTOMETRIC DATA (MEASURED):

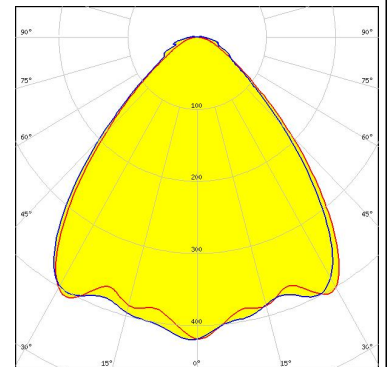
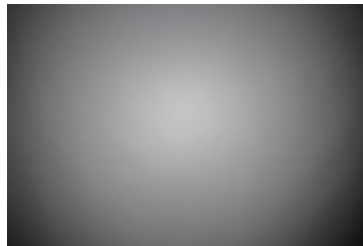
LG Innotek

LED LG 6030
 FWHM 90.0°
 Efficiency 89 %
 Peak intensity 0.440 cd/lm
 Required components:



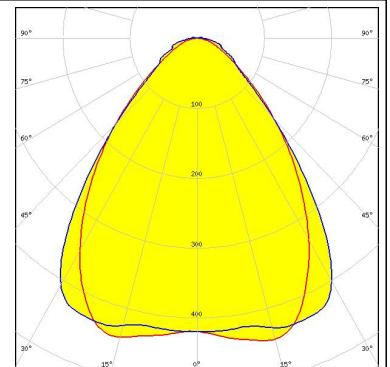
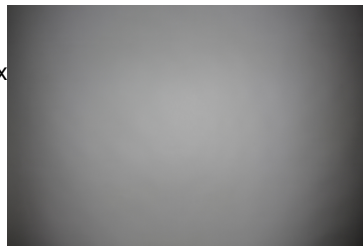
OSRAM Opto Semiconductors

LED Oslon Square Gen3
 FWHM 89.0°
 Efficiency 88 %
 Peak intensity 0.420 cd/lm
 Required components:



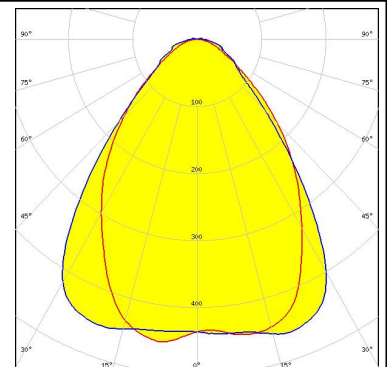
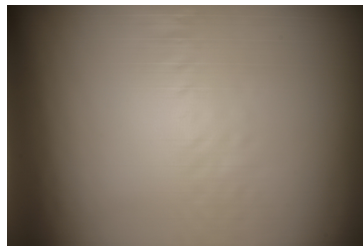
PHILIPS

LED Fortimo LED Line 1ft 1100lm xx0 3R xV2/x
 FWHM 85.0°
 Efficiency 87 %
 Peak intensity 0.450 cd/lm
 Required components:



PHILIPS

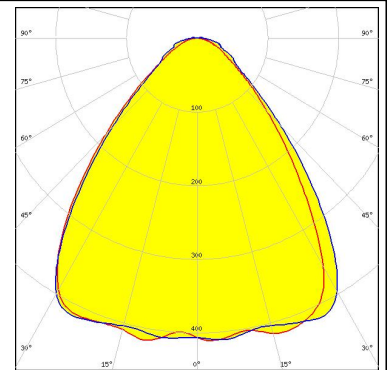
LED Fortimo LED Line 1ft 2000lm 8xx 3R HV2
 FWHM 78.0°
 Efficiency 86 %
 Peak intensity 0.460 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

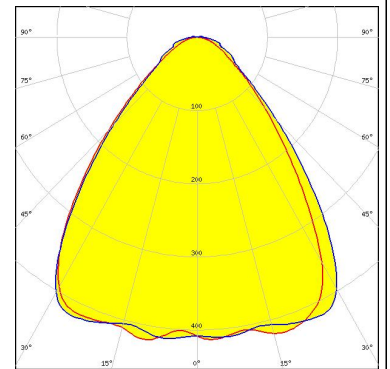
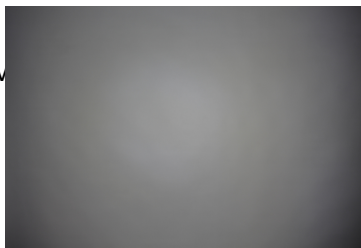
PHILIPS

LED Fortimo LED Line 1ft 650lm 8x0 3R xV2/xV
 FWHM 84.0°
 Efficiency 86 %
 Peak intensity 0.420 cd/lm
 Required components:



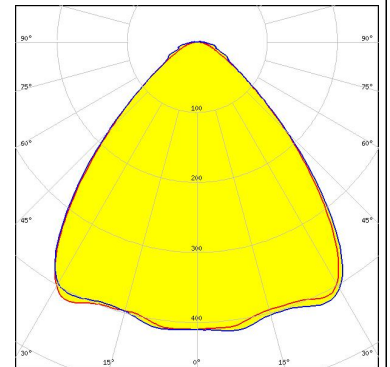
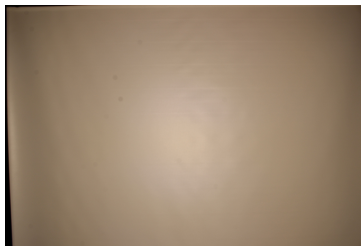
PHILIPS

LED Fortimo LED Line 1ft 650lm 8x0 3R xV2/xV
 FWHM 86.0°
 Efficiency 86 %
 Peak intensity 0.420 cd/lm
 Required components:



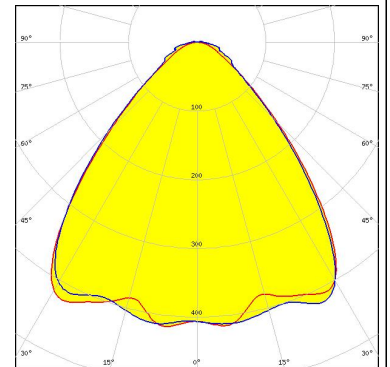
SEOUL SEMICONDUCTOR

LED SEOUL 5630C
 FWHM 87.0°
 Efficiency 87 %
 Peak intensity 0.420 cd/lm
 Required components:



SEOUL SEMICONDUCTOR

LED SunLike 3030
 FWHM 86.0°
 Efficiency 88 %
 Peak intensity 0.430 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

TRIDONIC

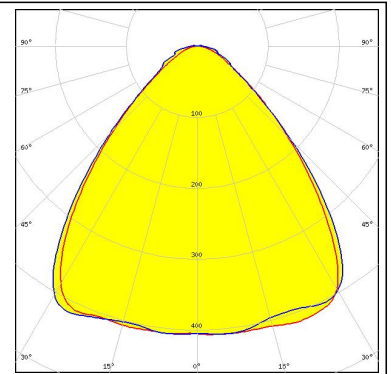
LED LLE G2 55mm 2000lm

FWHM 86.0°

Efficiency 88 %

Peak intensity 0.420 cd/lm

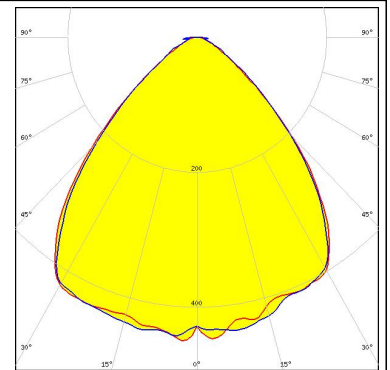
Required components:



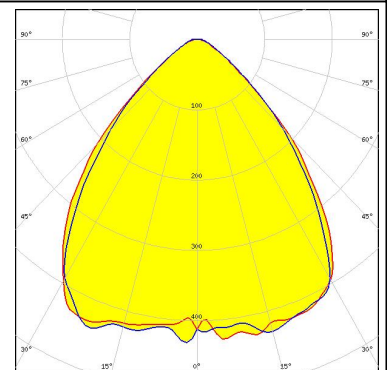
PHOTOMETRIC DATA (SIMULATED):



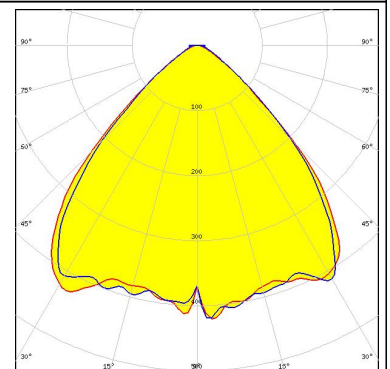
LED XP-E
FWHM 89.0°
Efficiency 91 %
Peak intensity 0.460 cd/lm
Required components:



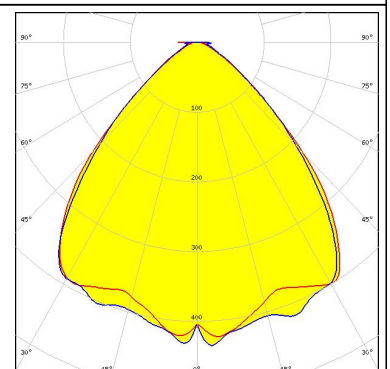
LED LUXEON 5050
FWHM 86.0°
Efficiency 85 %
Peak intensity 0.450 cd/lm
Required components:



LED LUXEON CZ
FWHM 92.0°
Efficiency 86 %
Peak intensity 0.430 cd/lm
Required components:



LED NVSxx19B/NVSxx19C
FWHM 89.0°
Efficiency 89 %
Peak intensity 0.440 cd/lm
Required components:



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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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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