



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



FLARE-MINI-A-PIN

~100° x 20° oval beam. Assembly with location pins and installation tape.

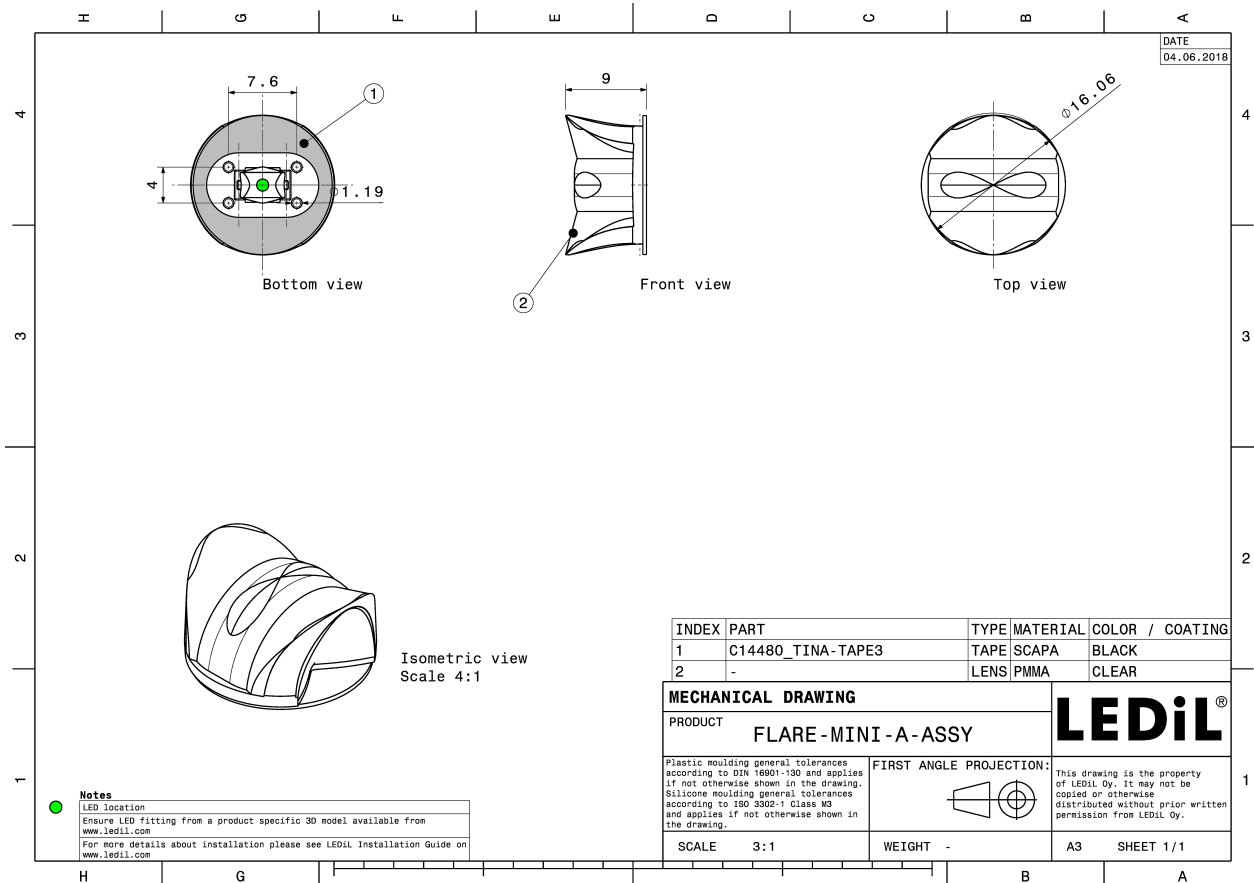
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16 mm
Height	9.1 mm
Fastening	tape, pin
Colour	clear
Box size	460 x 250 x 300 mm
Box weight	7.4 kg
Quantity in Box	4600 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

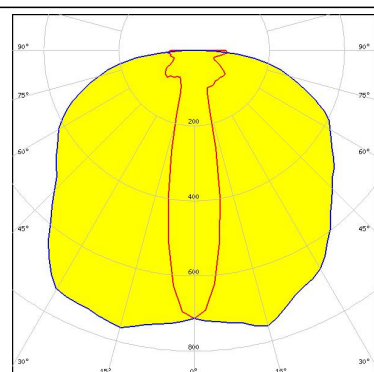
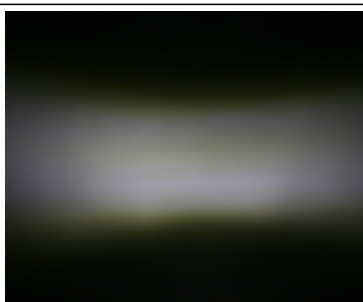
Component	Type	Material	Colour
FLARE-MINI-A-PIN	Lens	PMMA	clear
TINA-TAPE3	Tape	PU tape	black



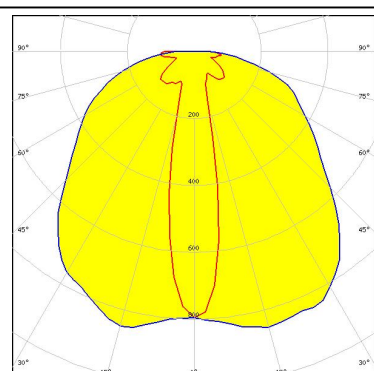
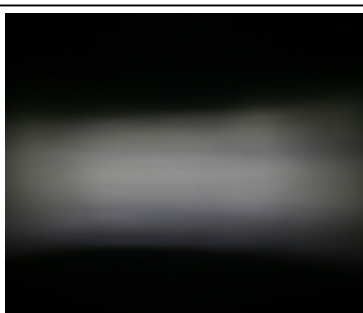
PHOTOMETRIC DATA (MEASURED):



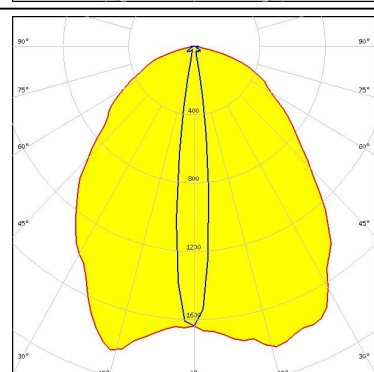
LED XB-D
FWHM 130.0 + 21.0°
Efficiency 94 %
Peak intensity 0.800 cd/lm
Required components:



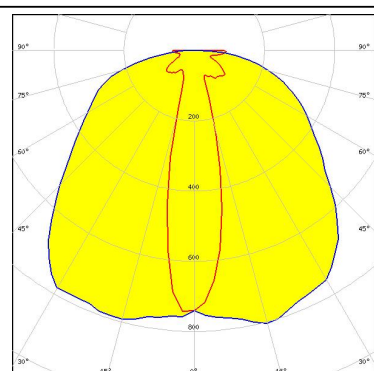
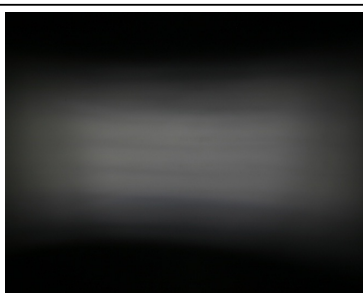
LED XP-E
FWHM 113.0 + 20.0°
Efficiency 94 %
Peak intensity 0.900 cd/lm
Required components:



LED XP-E2
FWHM 93.0 + 14.0°
Efficiency 94 %
Peak intensity 1.800 cd/lm
Required components:



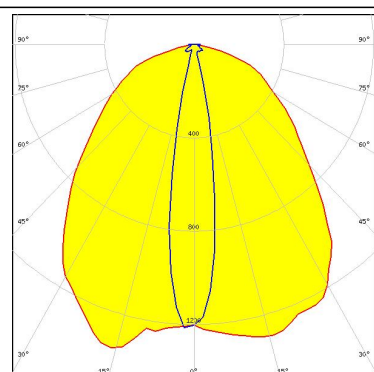
LED XP-G
FWHM 114.0 + 22.0°
Efficiency 94 %
Peak intensity 0.800 cd/lm
Required components:



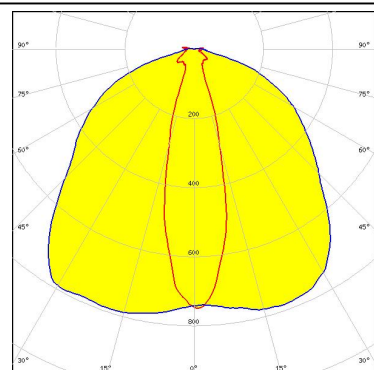
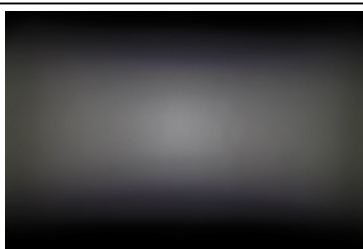
PHOTOMETRIC DATA (MEASURED):



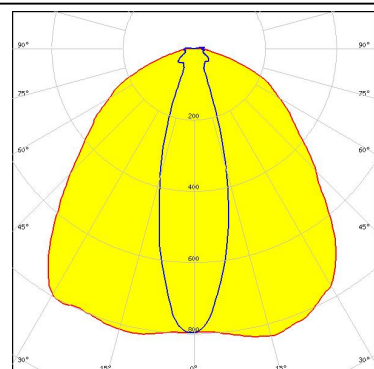
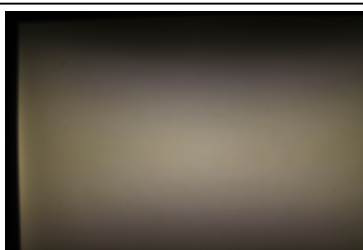
LED XP-G2
FWHM 94.0 + 19.0°
Efficiency 94 %
Peak intensity 1.300 cd/lm
Required components:



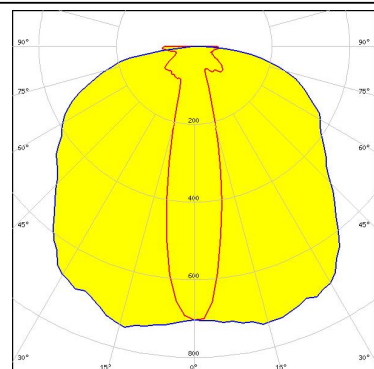
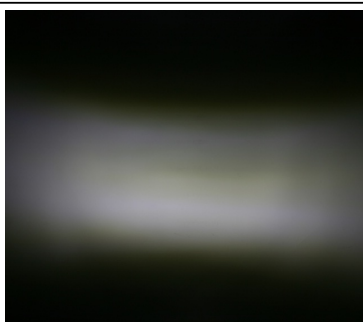
LED XP-L
FWHM 113.0 + 25.0°
Efficiency 90 %
Peak intensity 0.790 cd/lm
Required components:



LED XP-L2
FWHM 100.0 + 28.0°
Efficiency 94 %
Peak intensity 0.840 cd/lm
Required components:



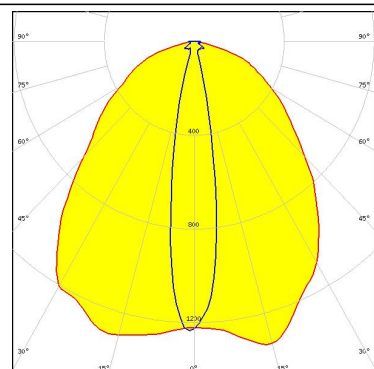
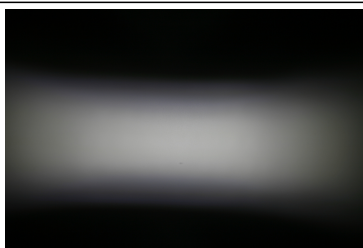
LED XT-E
FWHM 124.0 + 22.0°
Efficiency 94 %
Peak intensity 0.700 cd/lm
Required components:



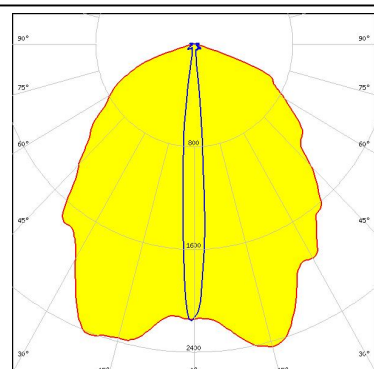
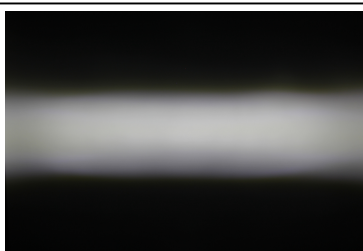
PHOTOMETRIC DATA (MEASURED):



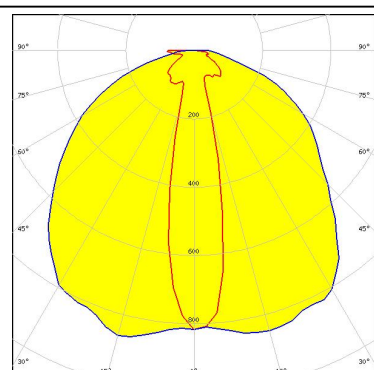
LED H35C1 (LEMWA33)
 FWHM 96.0 + 18.0°
 Efficiency 94 %
 Peak intensity 1.320 cd/lm
 Required components:



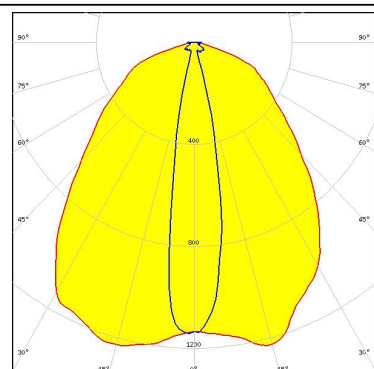
LED LUXEON CZ
 FWHM 105.0 + 9.0°
 Efficiency 94 %
 Peak intensity 2.400 cd/lm
 Required components:



LED LUXEON Rebel ES
 FWHM 110.0 + 19.0°
 Efficiency 94 %
 Peak intensity 0.900 cd/lm
 Required components:



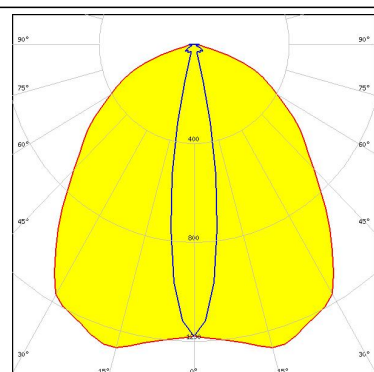
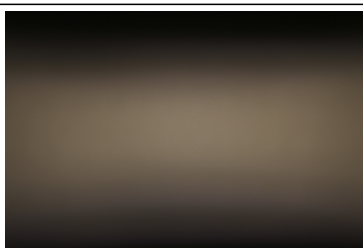
LED LUXEON T
 FWHM 95.0 + 19.0°
 Efficiency 93 %
 Peak intensity 1.300 cd/lm
 Required components:



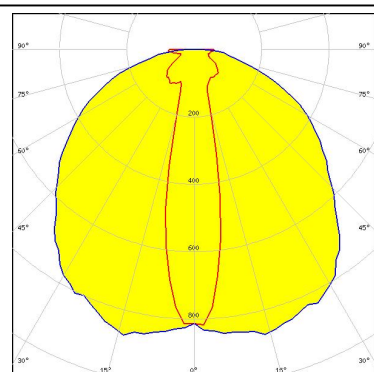
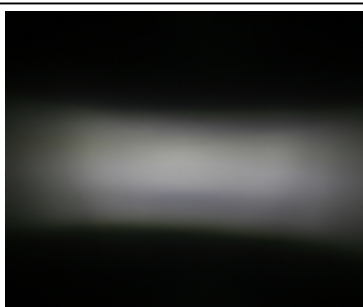
PHOTOMETRIC DATA (MEASURED):



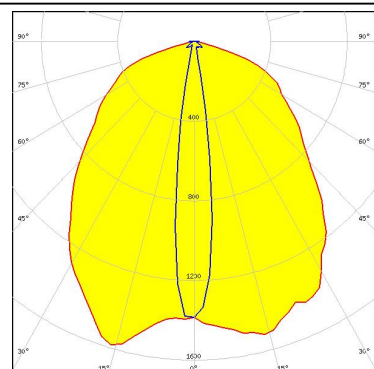
LED LUXEON TX
FWHM 93.0 + 19.0°
Efficiency 94 %
Peak intensity 1.300 cd/lm
Required components:



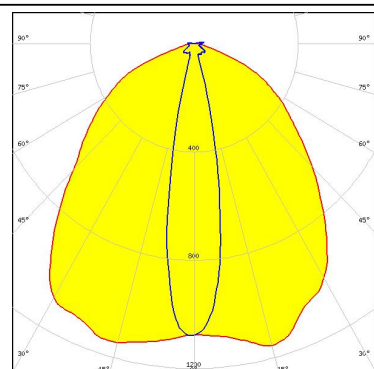
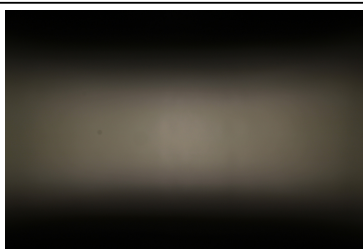
LED NCSxx19A
FWHM 112.0 + 20.0°
Efficiency 94 %
Peak intensity 0.900 cd/lm
Required components:



LED NCSxx19B
FWHM 95.0 + 15.0°
Efficiency 94 %
Peak intensity 1.600 cd/lm
Required components:



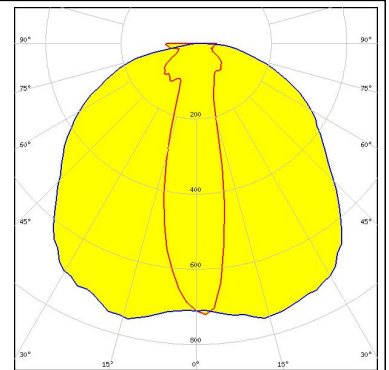
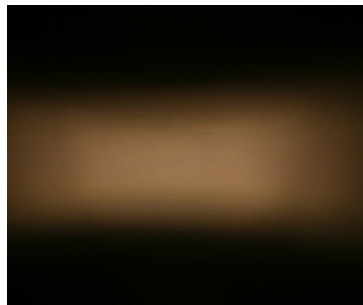
LED NVSxx19B/NVSxx19C
FWHM 101.0 + 20.0°
Efficiency 94 %
Peak intensity 1.200 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

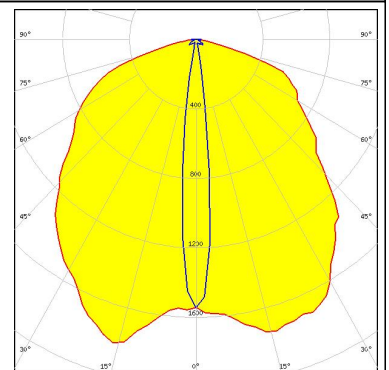
OSRAM
Opto Semiconductors

LED Oslon Square PC
FWHM $116.0 \pm 22.0^\circ$
Efficiency 94 %
Peak intensity 0.800 cd/lm
Required components:



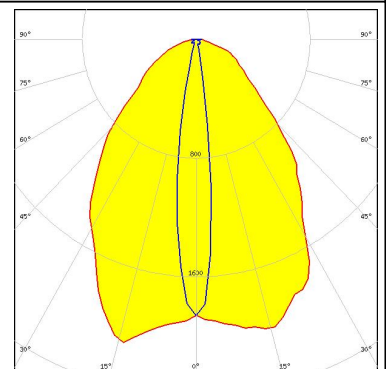
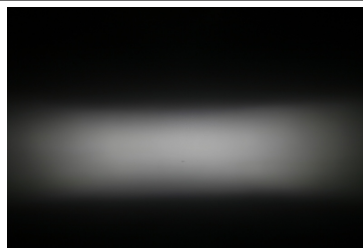
OSRAM
Opto Semiconductors

LED Oslon SSL 150
FWHM $106.0 \pm 11.0^\circ$
Efficiency 93 %
Peak intensity 1.700 cd/lm
Required components:



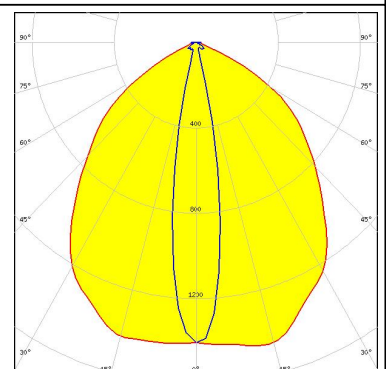
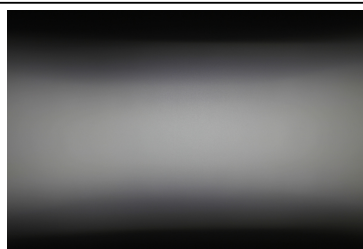
OSRAM
Opto Semiconductors

LED Oslon SSL 80
FWHM $84.0 \pm 12.0^\circ$
Efficiency 93 %
Peak intensity 2.000 cd/lm
Required components:



SAMSUNG

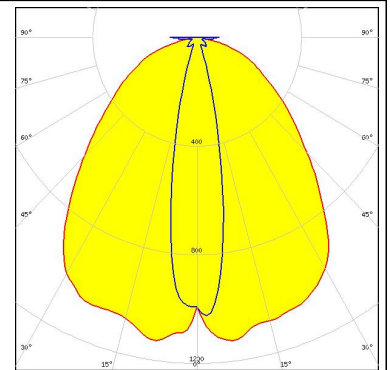
LED LH351Z
FWHM $95.0 \pm 19.0^\circ$
Efficiency 94 %
Peak intensity 1.500 cd/lm
Required components:



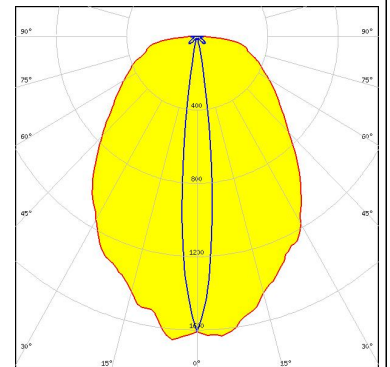
PHOTOMETRIC DATA (SIMULATED):



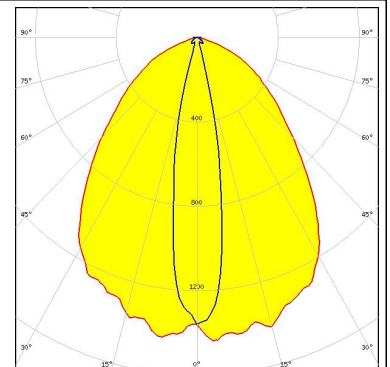
LED XP-G3
FWHM 93.0 + 20.0°
Efficiency 94 %
Peak intensity 1.130 cd/lm
Required components:



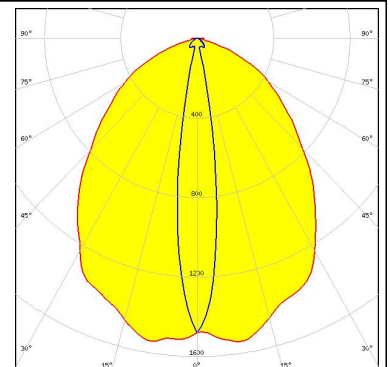
LED LUXEON C
FWHM 11.0 + 84.0°
Efficiency 92 %
Peak intensity 1.600 cd/lm
Required components:



LED LUXEON H50-2
FWHM 18.0 + 86.0°
Efficiency 93 %
Peak intensity 1.450 cd/lm
Required components:



LED NVSxE21A
FWHM 91.0 + 16.0°
Efficiency 94 %
Peak intensity 1.540 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.

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

Salu, Finland
Hong Kong, China

Distribution Partners

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