



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

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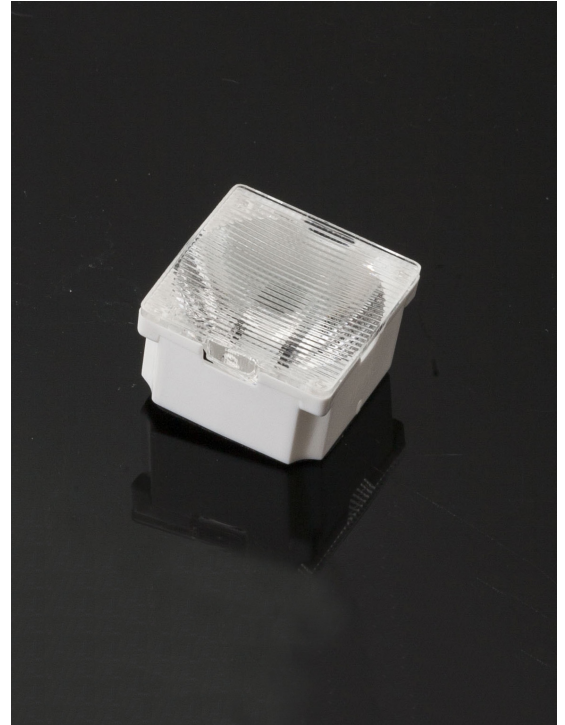


G2-LAURA-O-P

~40° x 13° oval beam. Assembly with thinner white holder, installation tape and location pins.

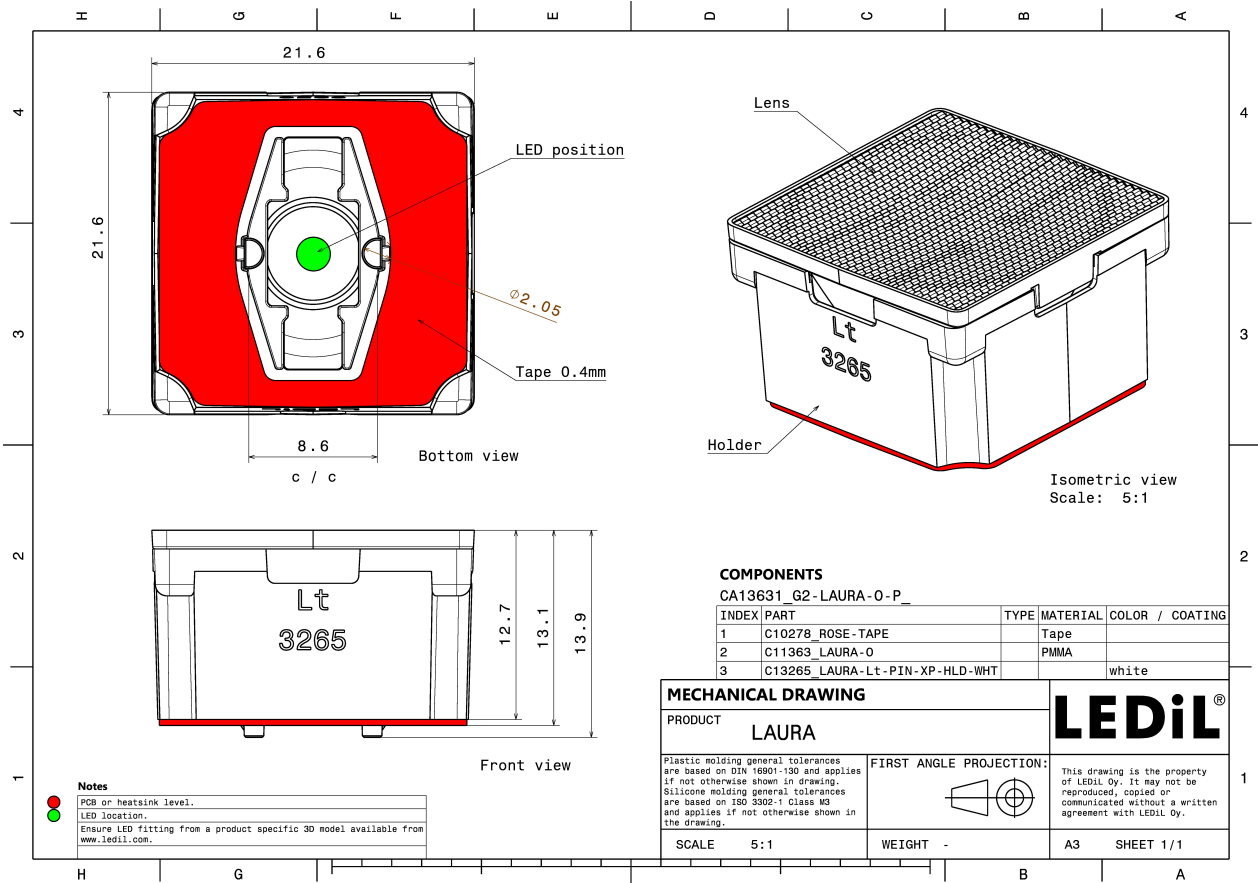
TECHNICAL SPECIFICATIONS:

Dimensions	21.6 x 21.6 mm
Height	13.1 mm
Fastening	tape, pin
Colour	white
Box size	451 x 254 x 152 mm
Box weight	6 kg
Quantity in Box	1440 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

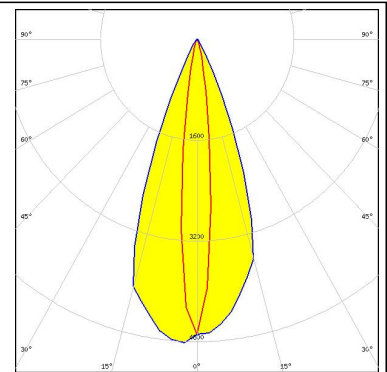
Component	Type	Material	Colour
LAURA-O	Lens	PMMA	clear
LAURA-LT-PIN-XP-HLD-WHT	Holder	PC	white
ROSE-TAPE	Tape	PU tape	black



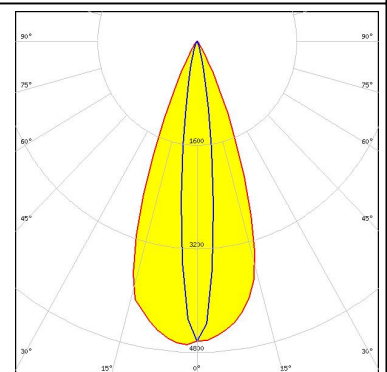
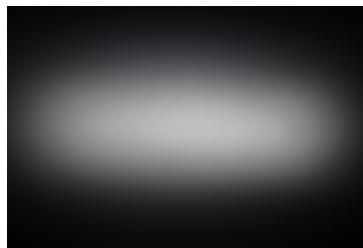
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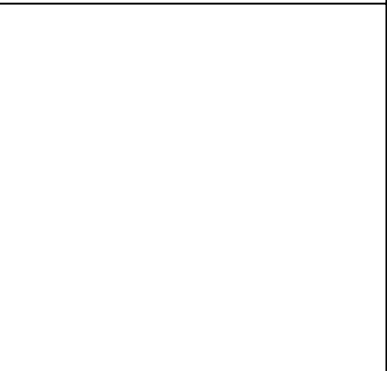
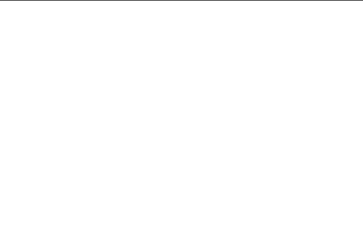
LED XB-D
FWHM 41.0 + 13.0°
Efficiency 86 %
Peak intensity 4.800 cd/lm
Required components:



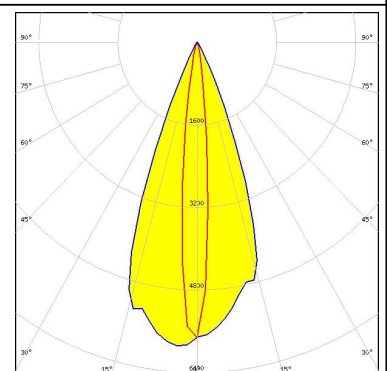
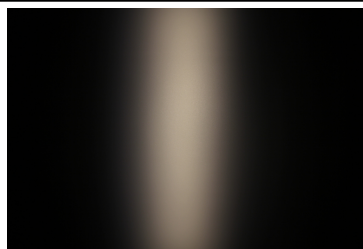
LED XB-H
FWHM 41.0 + 13.0°
Efficiency 87 %
Peak intensity 4.600 cd/lm
Required components:



LED XP-E
FWHM 40.0 + 13.0°
Efficiency 91 %
Peak intensity 4.800 cd/lm
Required components:



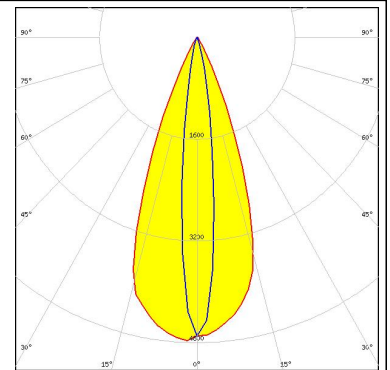
LED XP-E2
FWHM 41.0 + 11.0°
Efficiency 88 %
Peak intensity 5.800 cd/lm
Required components:



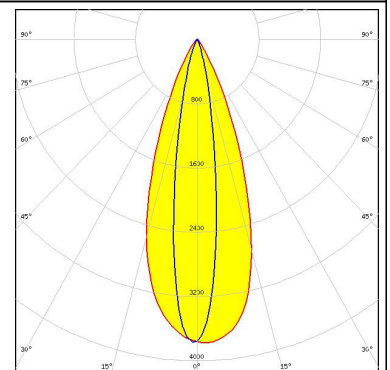
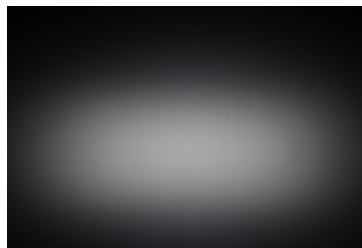
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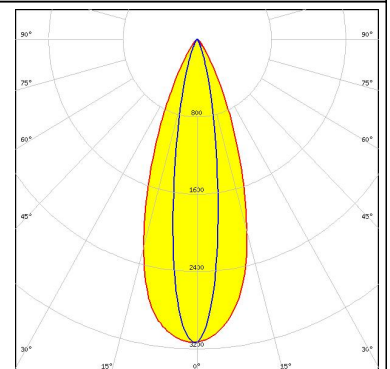
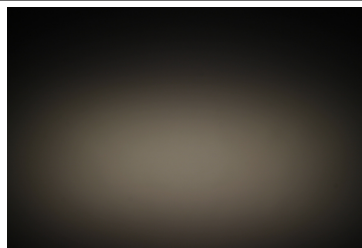
LED XP-G2
FWHM 41.0 + 14.0°
Efficiency 87 %
Peak intensity 4.800 cd/lm
Required components:



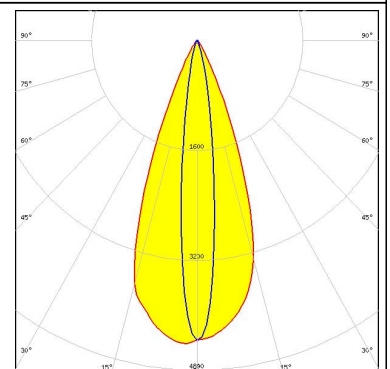
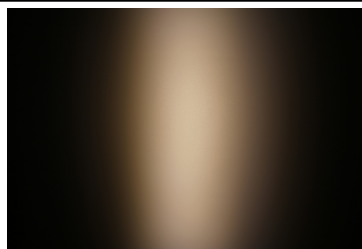
LED XP-L
FWHM 38.0 + 16.0°
Efficiency 89 %
Peak intensity 3.760 cd/lm
Required components:



LED XP-L2
FWHM 38.0 + 17.0°
Efficiency 84 %
Peak intensity 3.100 cd/lm
Required components:



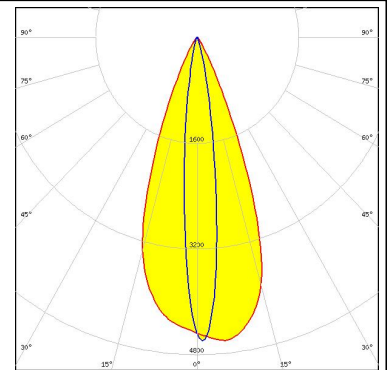
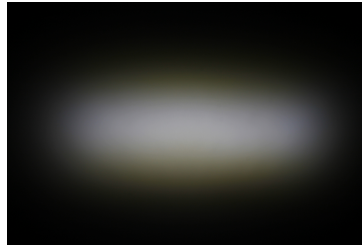
LED XT-E
FWHM 40.0 + 14.0°
Efficiency 87 %
Peak intensity 4.400 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

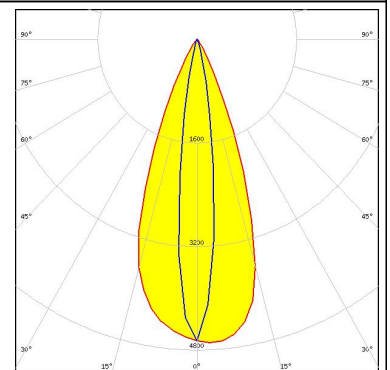
LUMILEDS

LED LUXEON 3030 2D
FWHM 40.0 + 13.0°
Efficiency 88 %
Peak intensity 4.700 cd/lm
Required components:



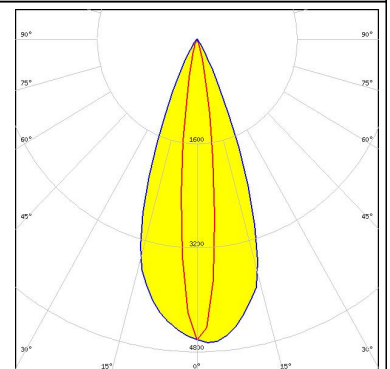
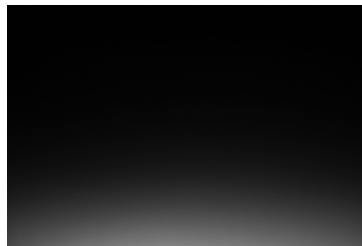
LUMILEDS

LED LUXEON T
FWHM 40.0 + 15.0°
Efficiency 90 %
Peak intensity 4.700 cd/lm
Required components:



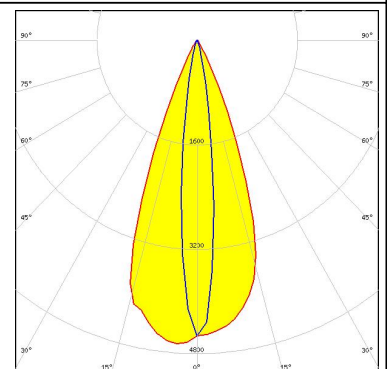
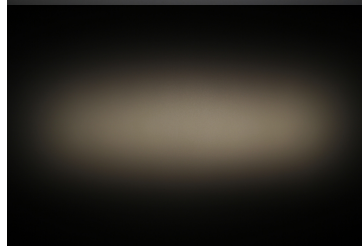
LUMILEDS

LED LUXEON TX
FWHM 41.0 + 14.0°
Efficiency 87 %
Peak intensity 4.600 cd/lm
Required components:


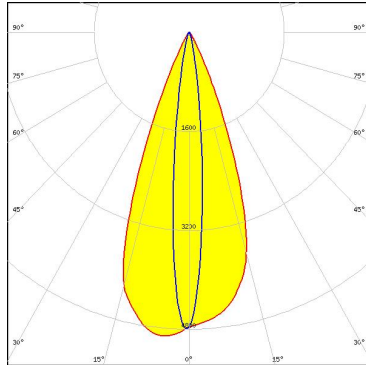
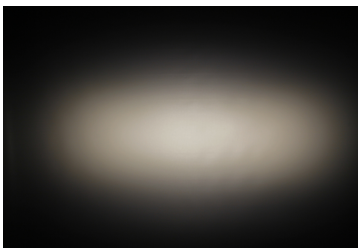
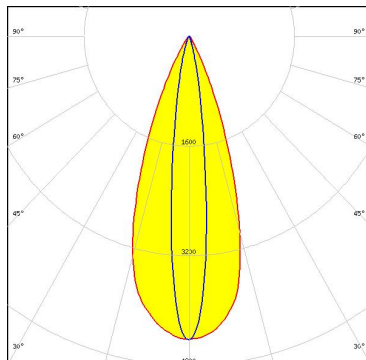
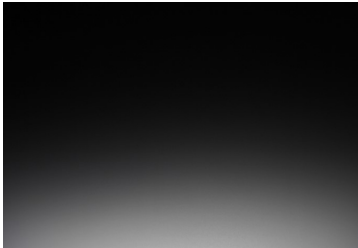
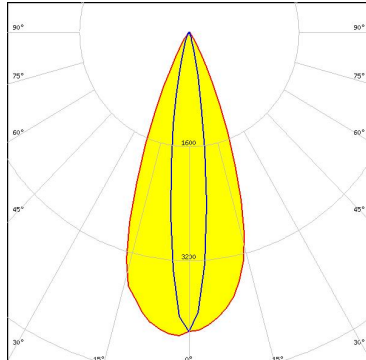
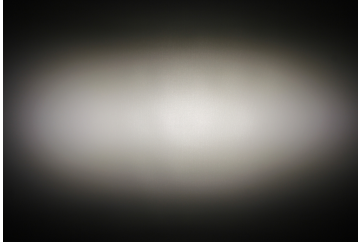



NICHIA


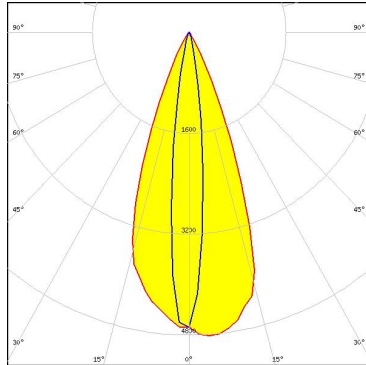
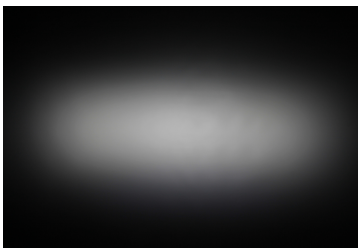
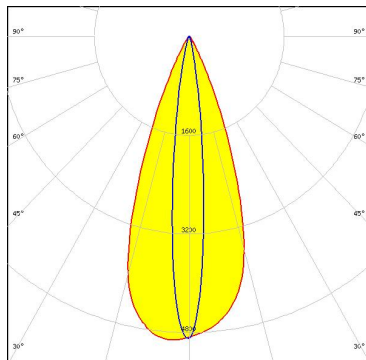

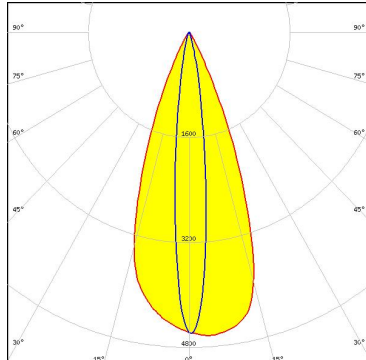
LED NCSxx19A
FWHM 41.0 + 13.0°
Efficiency 87 %
Peak intensity 4.700 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NCSxx19B FWHM 40.0 + 12.0° Efficiency 87 % Peak intensity 4.900 cd/lm Required components:</p>		
<p>NICHIA</p> <p>LED NVSW219D FWHM 38.0 + 14.0° Efficiency 94 % Peak intensity 4.400 cd/lm Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A FWHM 40.0 + 15.0° Efficiency 87 % Peak intensity 4.300 cd/lm Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM 37.0 + 12.0° Efficiency 89 % Peak intensity 5.300 cd/lm Required components:</p>		

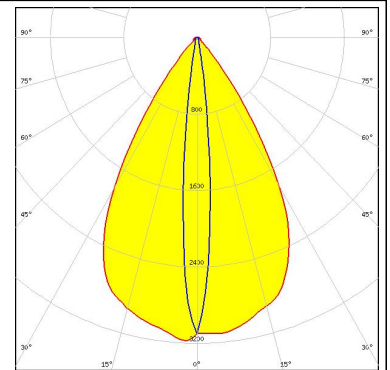
PHOTOMETRIC DATA (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED Oslon Square EC FWHM 40.0 + 13.0° Efficiency 87 % Peak intensity 4.800 cd/lm Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Oslon Square Gen3 FWHM 39.0 + 12.0° Efficiency 94 % Peak intensity 4.900 cd/lm Required components:</p>		
<p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2 FWHM 40.0 + 12.0° Efficiency 86 % Peak intensity 4.640 cd/lm Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):

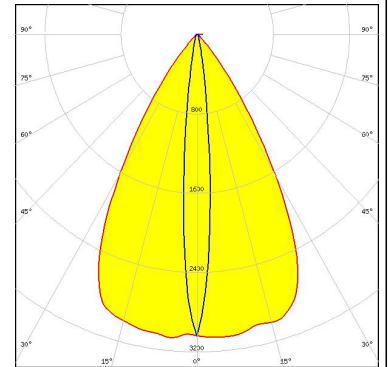
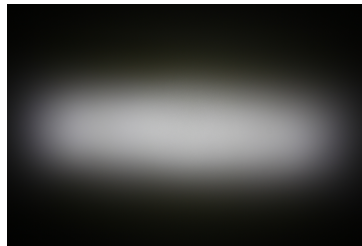
OSRAM
Opto Semiconductors

LED Oslon Black
FWHM 62.0 + 10.0°
Efficiency %
Peak intensity 3.210 cd/lm
Required components:



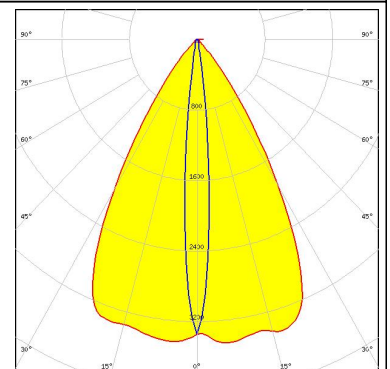
OSRAM
Opto Semiconductors

LED Oslon Square Flat
FWHM 61.0 + 10.0°
Efficiency 89 %
Peak intensity 3.100 cd/lm
Required components:



OSRAM
Opto Semiconductors

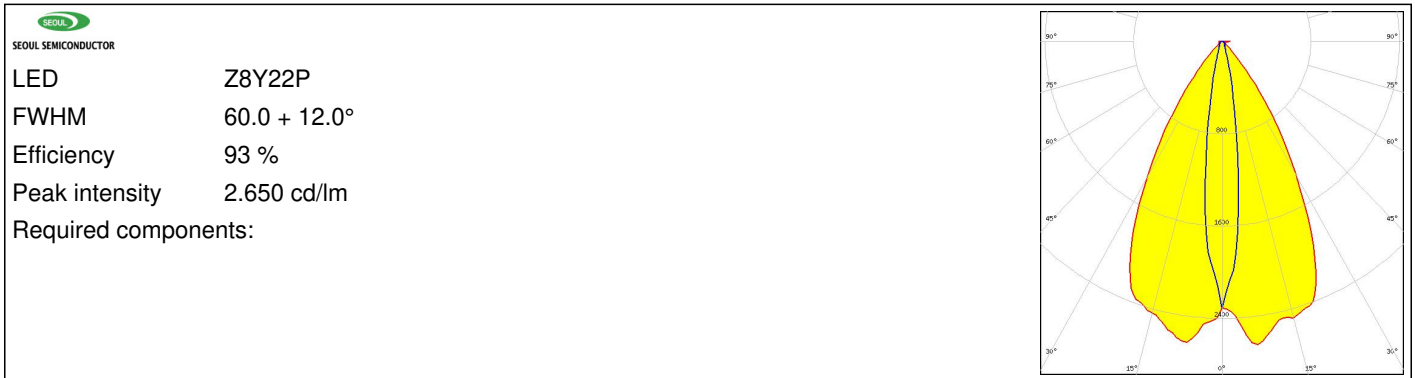
LED Oslon SSL 150
FWHM 62.0 + 10.0°
Efficiency 91 %
Peak intensity 3.500 cd/lm
Required components:



OSRAM
Opto Semiconductors

LED SFH 4770S
FWHM 63.0 + 11.0°
Efficiency 88 %
Peak intensity cd/lm
Required components:

PHOTOMETRIC DATA (SIMULATED):



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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