



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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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



LXP-O-90

~10° x 40° oval beam optimized for CREE XP-E.
14.7 mm high assembly with installation tape.

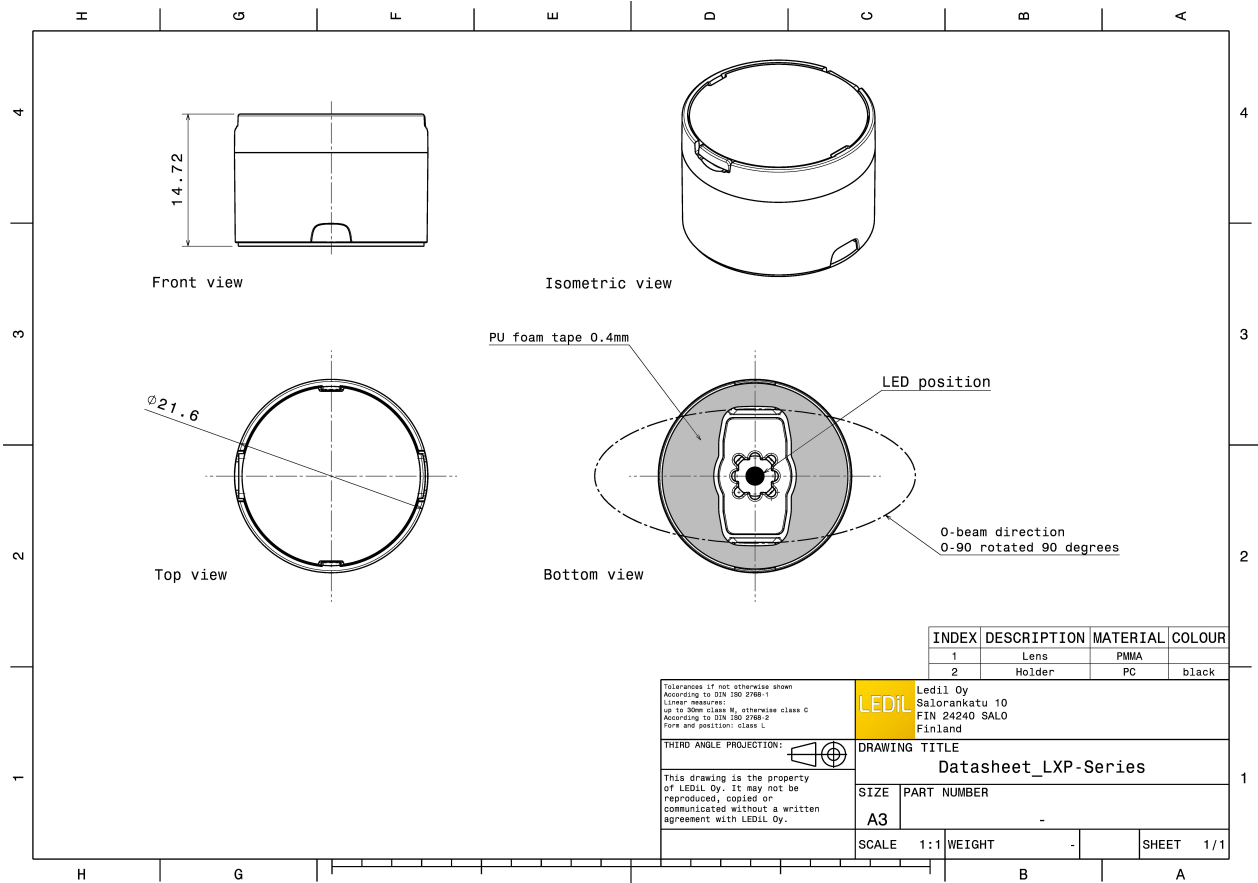
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	tape
Colour	black
Box size	
Box weight	11.6 kg
Quantity in Box	2304 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LR1-O-90	Lens	PMMA	clear
LXP-LH1-TAPE-BLK	Holder	PC	black
LEILA-TAPE	Tape	PU tape	black



PHOTOMETRIC DATA (MEASURED):

CREE

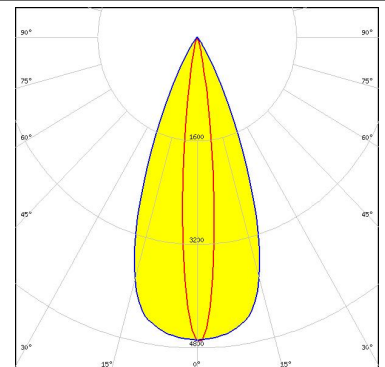
LED XP-E
FWHM 41.0 + 10.0°
Efficiency 89 %
Peak intensity 5.300 cd/lm
Required components:

CREE

LED XP-E-HEW
FWHM 13.0 + 37.0°
Efficiency %
Peak intensity cd/lm
Required components:

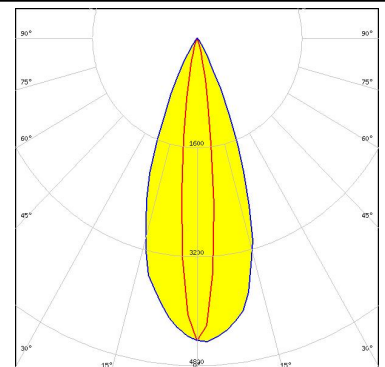
CREE

LED XP-G
FWHM 41.0 + 13.0°
Efficiency 91 %
Peak intensity 4.700 cd/lm
Required components:



CREE

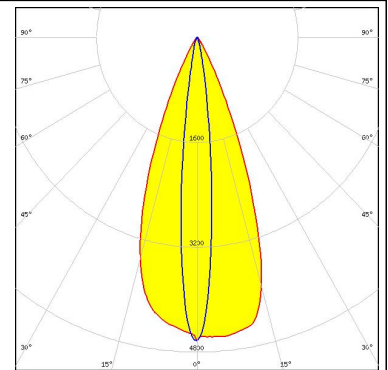
LED XP-G2
FWHM 13.0 + 39.0°
Efficiency 86 %
Peak intensity 4.500 cd/lm
Required components:



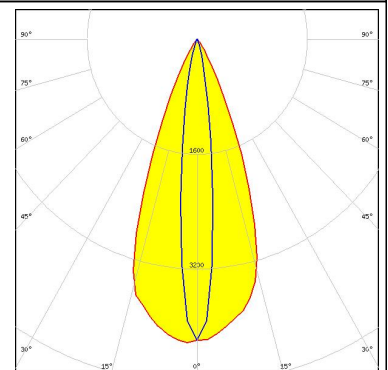
PHOTOMETRIC DATA (MEASURED):



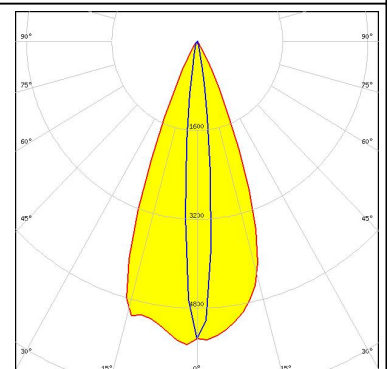
LED XP-L HI
FWHM 41.0 + 12.0°
Efficiency 86 %
Peak intensity 4.600 cd/lm
Required components:



LED XT-E
FWHM 41.0 + 13.0°
Efficiency 85 %
Peak intensity 4.200 cd/lm
Required components:



LED LH351A(3535)
FWHM 41.0 + 11.0°
Efficiency 89 %
Peak intensity 5.400 cd/lm
Required components:



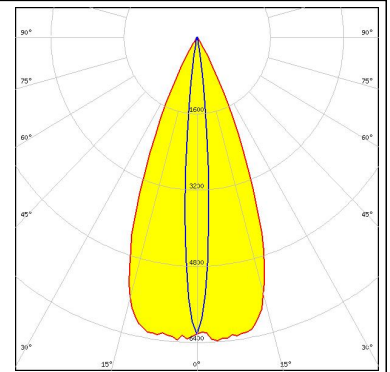
SEOUL SEMICONDUCTOR

LED Z5
FWHM 38.0 + 21.0°
Efficiency %
Peak intensity cd/lm
Required components:

PHOTOMETRIC DATA (SIMULATED):

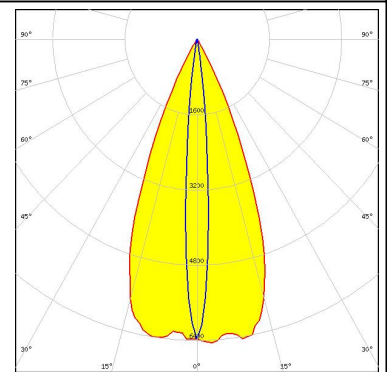
CREE 

LED XP-E
FWHM 9.0 + 43.0°
Efficiency 92 %
Peak intensity 6.500 cd/lm
Required components:



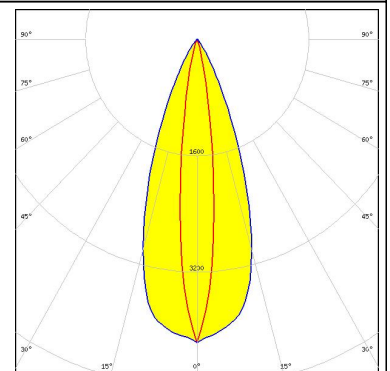
CREE 

LED XP-E2
FWHM 9.0 + 43.0°
Efficiency 91 %
Peak intensity 6.600 cd/lm
Required components:



CREE 

LED XP-G3
FWHM 13.0 + 39.0°
Efficiency 84 %
Peak intensity 4.200 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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