



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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## LXP2-O-90

~10° x 40° oval beam optimized for CREE XP-E.  
14.7 mm high assembly with installation tape.  
Variant with beam direction rotated 90°.

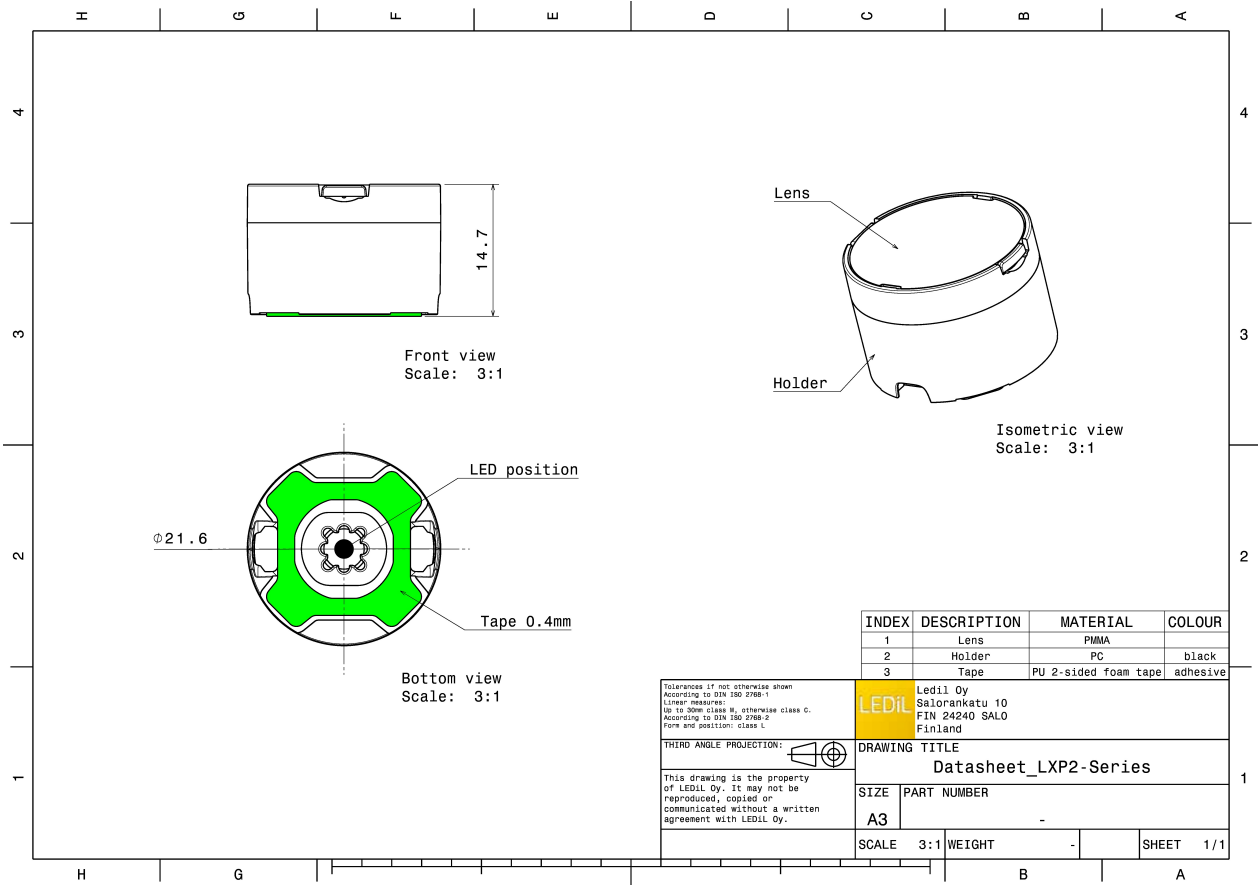
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	tape
Colour	black
Box size	480 x 280 x 300 mm
Box weight	9.2 kg
Quantity in Box	1680 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

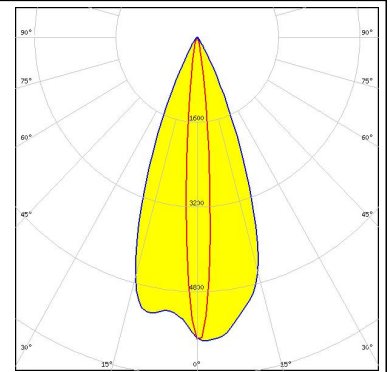
Component	Type	Material	Colour
LXP2-O-90	Lens	PMMA	clear
LXP2-LH1-TAPE-BLK	Holder	PC	black
HEIDI-TAPE	Tape	PU tape	black



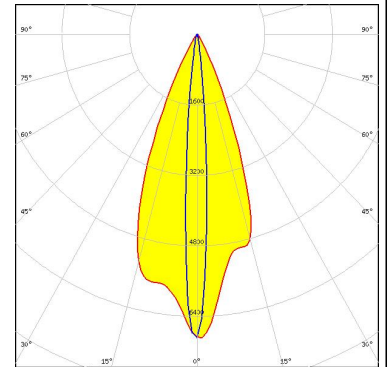
**PHOTOMETRIC DATA (MEASURED):**



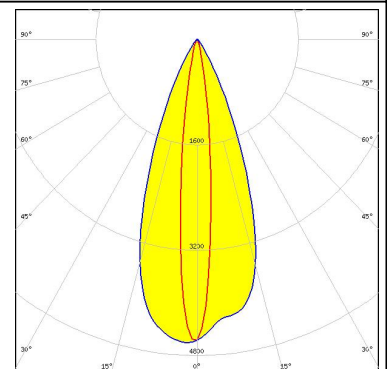
LED XP-E  
FWHM 9.0 + 41.0°  
Efficiency 89 %  
Peak intensity 5.800 cd/lm  
Required components:



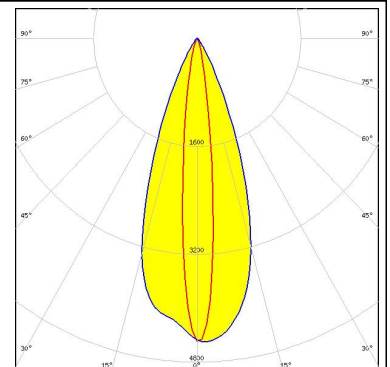
LED XP-E2  
FWHM 10.0 + 42.0°  
Efficiency 86 %  
Peak intensity 6.200 cd/lm  
Required components:



LED XP-G  
FWHM 12.0 + 40.0°  
Efficiency 89 %  
Peak intensity 4.600 cd/lm  
Required components:



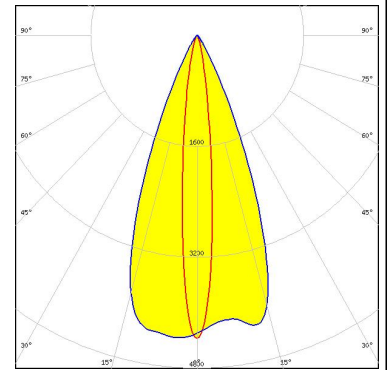
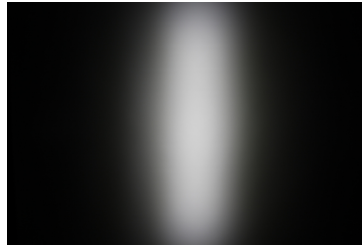
LED XP-G2  
FWHM 12.0 + 40.0°  
Efficiency 87 %  
Peak intensity 4.400 cd/lm  
Required components:



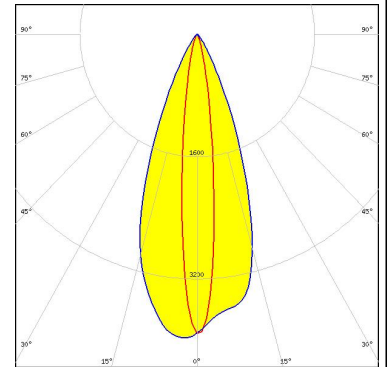
**PHOTOMETRIC DATA (MEASURED):**



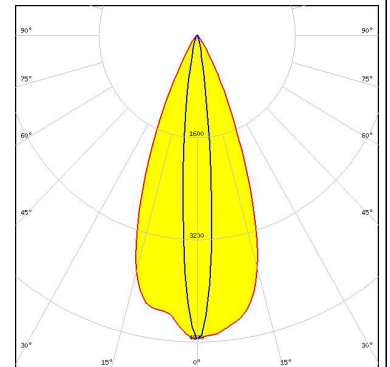
LED XP-L HI  
FWHM 12.0 + 43.0°  
Efficiency 86 %  
Peak intensity 4.400 cd/lm  
Required components:



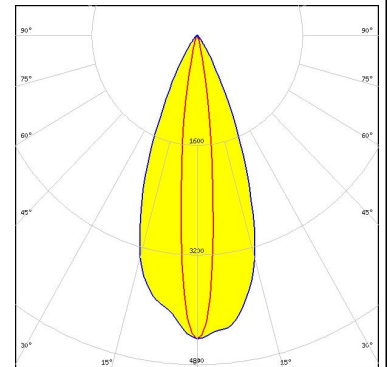
LED XT-E  
FWHM 13.0 + 41.0°  
Efficiency 84 %  
Peak intensity 4.050 cd/lm  
Required components:




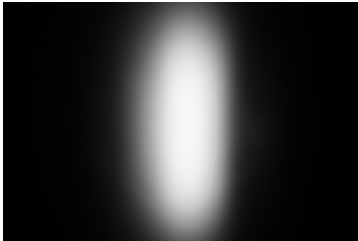
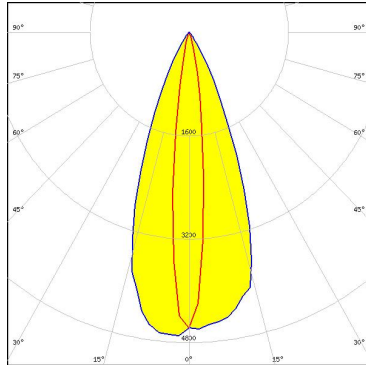


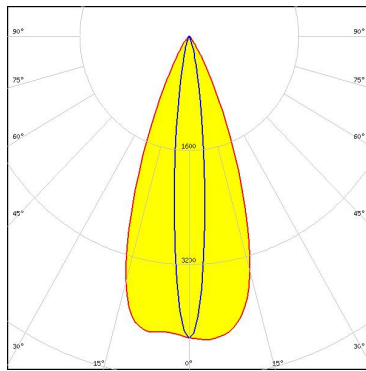


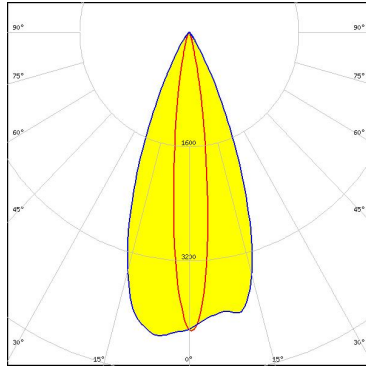


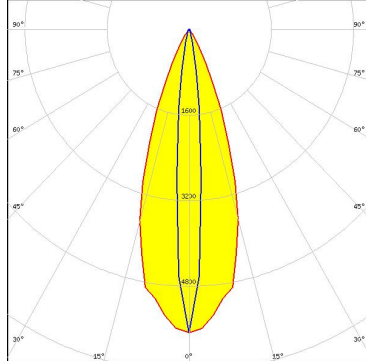
LED H35B0 (LEMWA32)  
FWHM 11.0 + 41.0°  
Efficiency 87 %  
Peak intensity 4.800 cd/lm  
Required components:



LED H35C0 (LEMWA33)  
FWHM 12.0 + 40.0°  
Efficiency 87 %  
Peak intensity 4.700 cd/lm  
Required components:



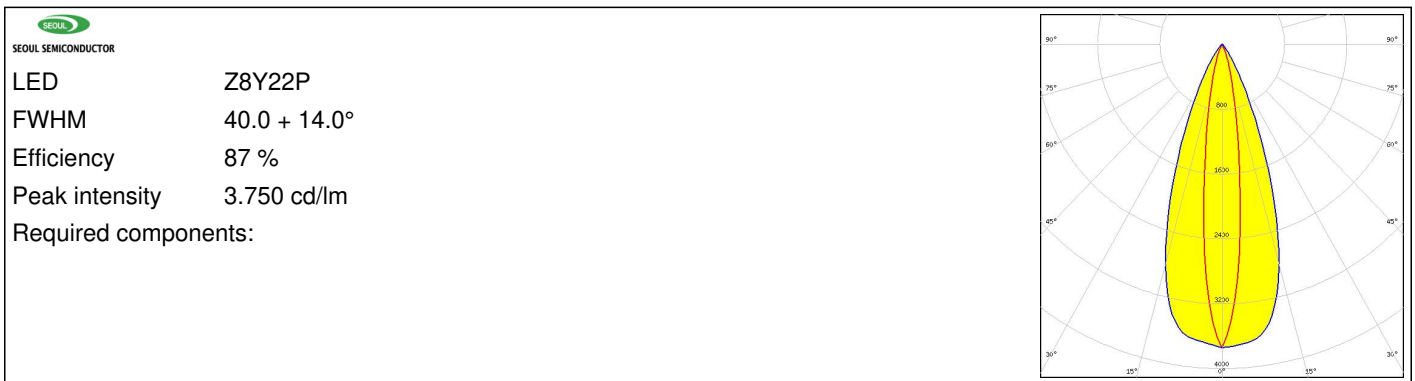
**PHOTOMETRIC DATA (MEASURED):**

<p> <b>LG Innotek</b></p> <p>LED H35C1 (LEMWA33)            FWHM 13.0 + 41.0°            Efficiency 86 %            Peak intensity 4.700 cd/lm            Required components:</p>		
<p> <b>LUMILEDS</b></p> <p>LED LUXEON Q            FWHM 12.0 + 41.0°            Efficiency 85 %            Peak intensity 4.300 cd/lm            Required components:</p>		
<p> <b>NICHIA</b></p> <p>LED NVSW219D            FWHM 13.0 + 42.0°            Efficiency 89 %            Peak intensity 4.300 cd/lm            Required components:</p>		
<p> <b>SEOL SEMICONDUCTOR</b></p> <p>LED Z5            FWHM 10.0 + 36.0°            Efficiency 89 %            Peak intensity 5.700 cd/lm            Required components:</p>		

## PHOTOMETRIC DATA (MEASURED):



## 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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