



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

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



## SATU-O

~40° + 20° oval beam optimized for CREE XT-E

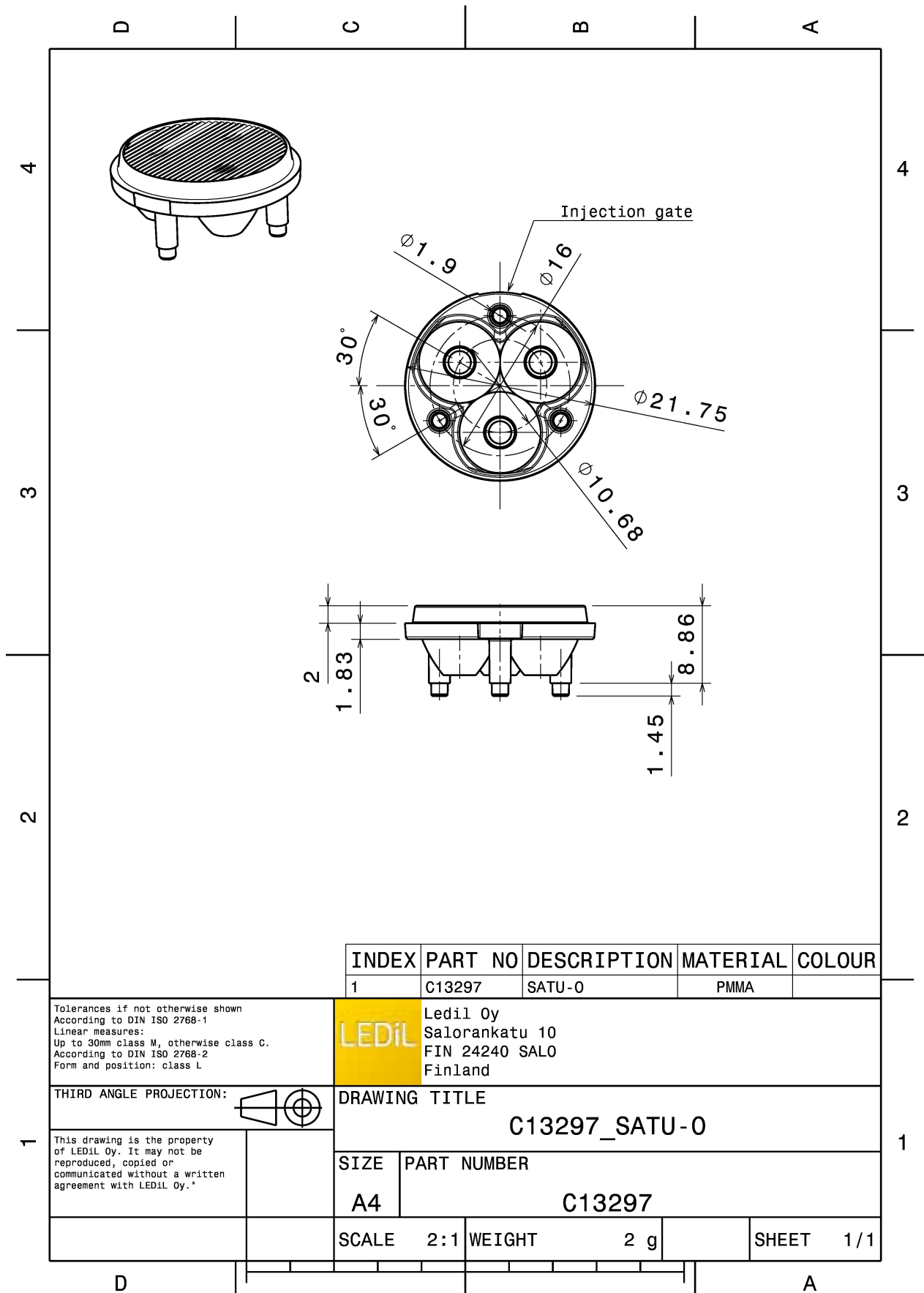
### TECHNICAL SPECIFICATIONS:

|                 |                    |
|-----------------|--------------------|
| Dimensions      | Ø 21.8 mm          |
| Height          | 8.9 mm             |
| Fastening       | glue, pin          |
| Colour          | clear              |
| Box size        | 480 x 280 x 300 mm |
| Box weight      | 7.7 kg             |
| Quantity in Box | 2880 pcs           |
| ROHS compliant  | yes ⓘ              |



### MATERIAL SPECIFICATIONS:

| Component | Type       | Material | Colour |
|-----------|------------|----------|--------|
| SATU-O    | Lens array | PMMA     | clear  |



#### PHOTOMETRIC DATA (MEASURED):

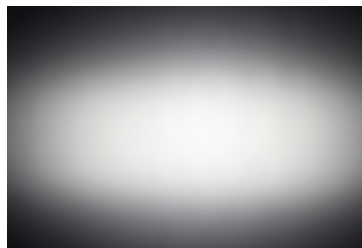
#### CREE

LED XB-D  
FWHM 42.0 + 22.0°  
Efficiency 77 %  
Peak intensity 2.000 cd/lm  
Required components:



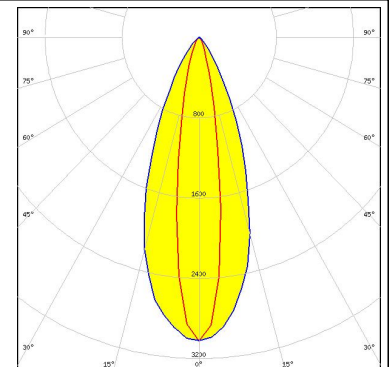
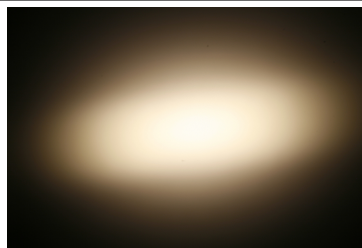
#### CREE

LED XP-E  
FWHM 41.0 + 17.0°  
Efficiency 83 %  
Peak intensity 2.900 cd/lm  
Required components:



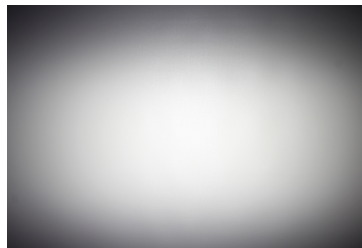
#### CREE

LED XP-E2  
FWHM 40.0 + 17.0°  
Efficiency 85 %  
Peak intensity 3.000 cd/lm  
Required components:



#### CREE

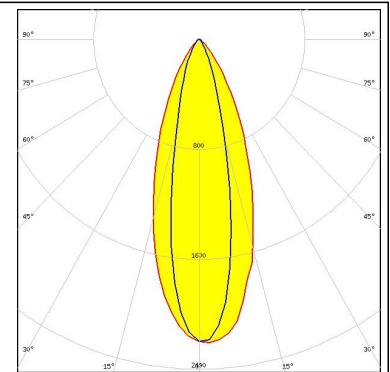
LED XP-G  
FWHM 39.0 + 23.0°  
Efficiency 79 %  
Peak intensity 2.200 cd/lm  
Required components:



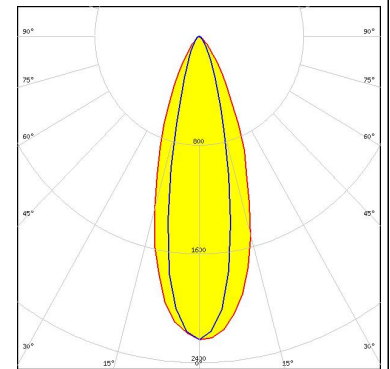
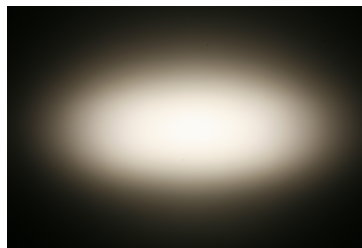
#### PHOTOMETRIC DATA (MEASURED):



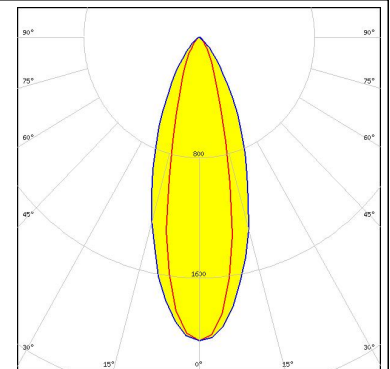
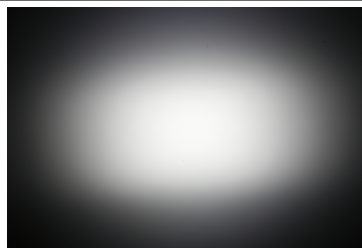
LED XP-G2  
 FWHM 39.0 + 24.0°  
 Efficiency 84 %  
 Peak intensity 2.200 cd/lm  
 Required components:



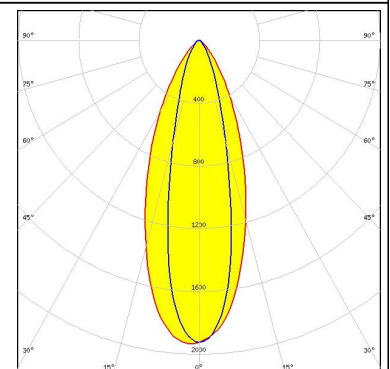
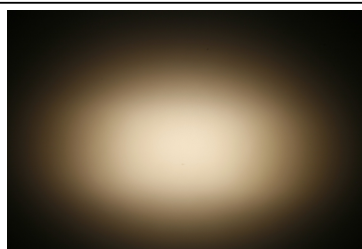
LED H35B0 (LEMWA32)  
 FWHM 39.0 + 24.0°  
 Efficiency 84 %  
 Peak intensity 2.200 cd/lm  
 Required components:



LED H35C0 (LEMWA33)  
 FWHM 39.0 + 25.0°  
 Efficiency 82 %  
 Peak intensity 2.000 cd/lm  
 Required components:



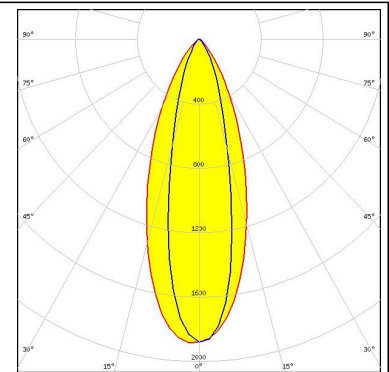
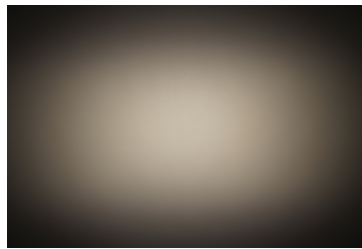
LED LUXEON T  
 FWHM 40.0 + 24.0°  
 Efficiency 84 %  
 Peak intensity 2.000 cd/lm  
 Required components:



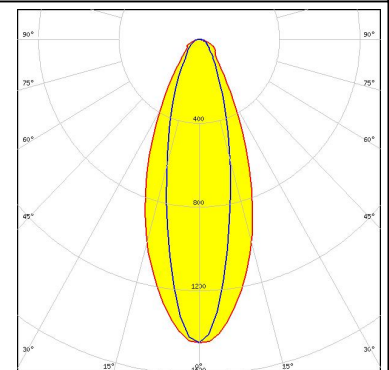
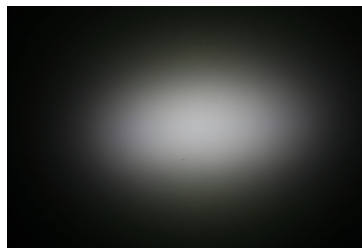
#### PHOTOMETRIC DATA (MEASURED):



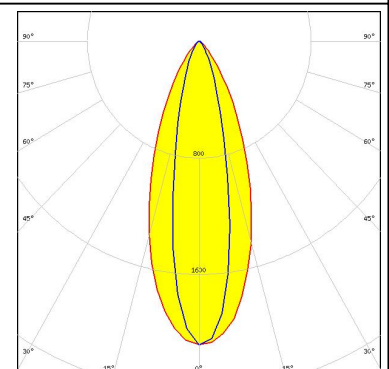
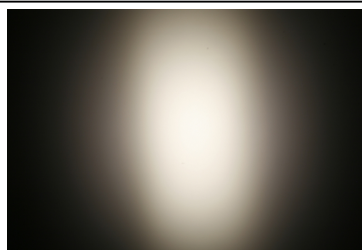
LED LUXEON TX  
 FWHM 40.0 + 25.0°  
 Efficiency 79 %  
 Peak intensity 1.900 cd/lm  
 Required components:



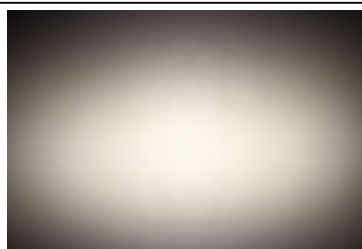
LED NF2x757A  
 FWHM 43.0 + 26.0°  
 Efficiency 81 %  
 Peak intensity 1.500 cd/lm  
 Required components:



LED Oslon Square EC  
 FWHM 41.0 + 23.0°  
 Efficiency 82 %  
 Peak intensity 2.000 cd/lm  
 Required components:



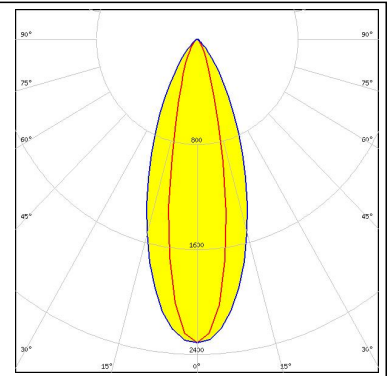
LED Oslon SSL 80  
 FWHM 41.0 + 18.0°  
 Efficiency 79 %  
 Peak intensity 2.500 cd/lm  
 Required components:



## PHOTOMETRIC DATA (MEASURED):

### SAMSUNG

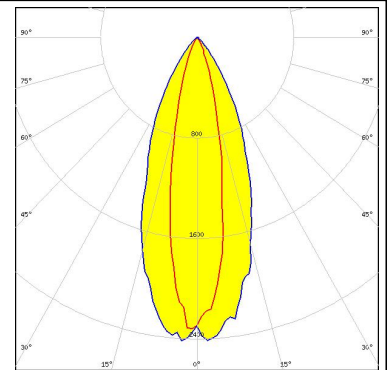
LED LH351Z  
FWHM 40.0 + 23.0°  
Efficiency 84 %  
Peak intensity 2.300 cd/lm  
Required components:



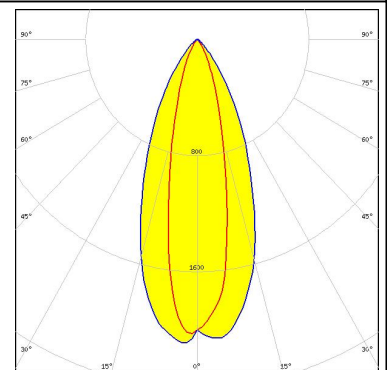
### PHOTOMETRIC DATA (SIMULATED):



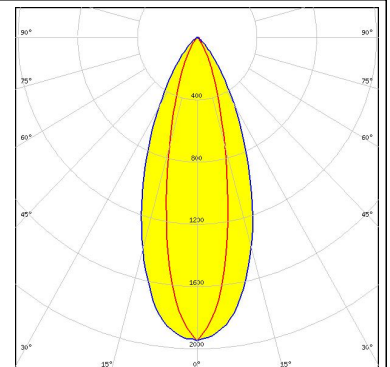
LED XT-E  
 FWHM 20.0 + 40.0°  
 Efficiency %  
 Peak intensity cd/lm  
 Required components:



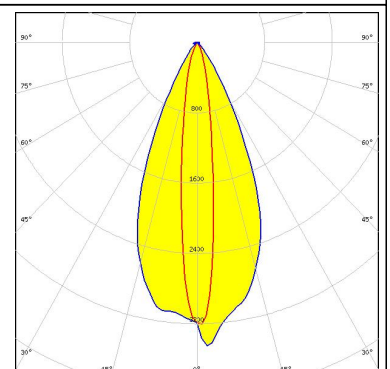
LED LUXEON H50-2  
 FWHM 22.0 + 42.0°  
 Efficiency 85 %  
 Peak intensity 2.000 cd/lm  
 Required components:



LED NVSxx19B/NVSxx19C  
 FWHM 43.0 + 24.0°  
 Efficiency 82 %  
 Peak intensity 1.950 cd/lm  
 Required components:

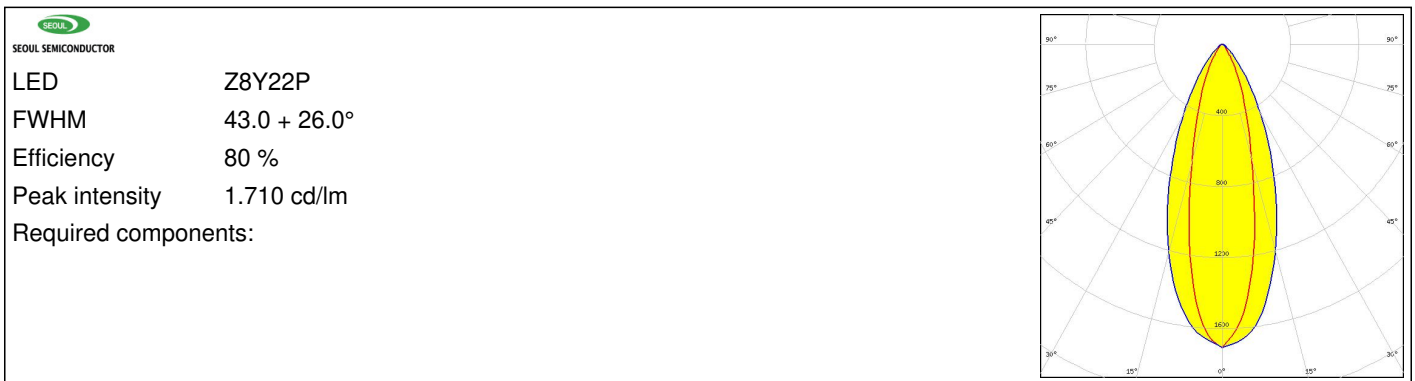


LED Synios P2720 1/2 mm  
 FWHM 25.0 + 12.0°  
 Efficiency 91 %  
 Peak intensity 3.450 cd/lm  
 Required components:





## 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:

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