



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

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



## SURI-RS

~6° real spot beam with holder

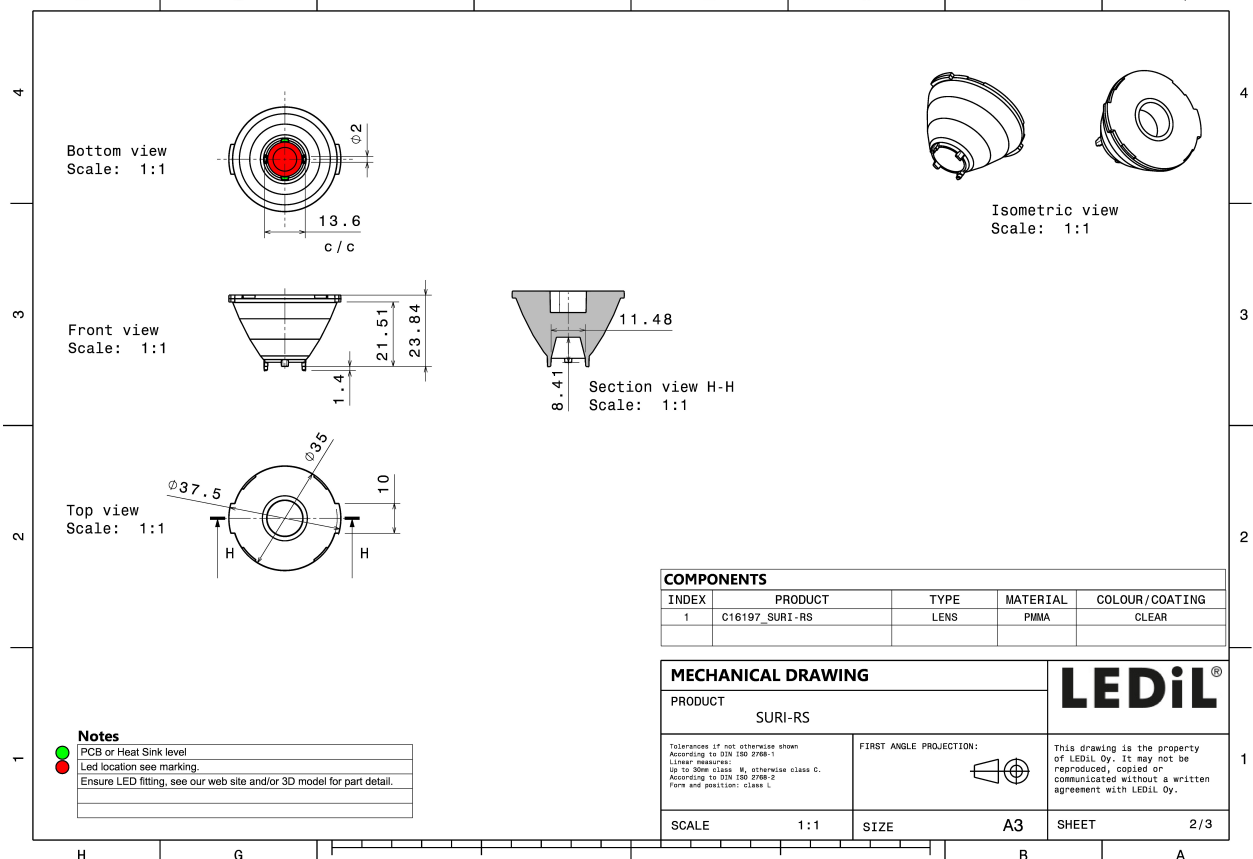
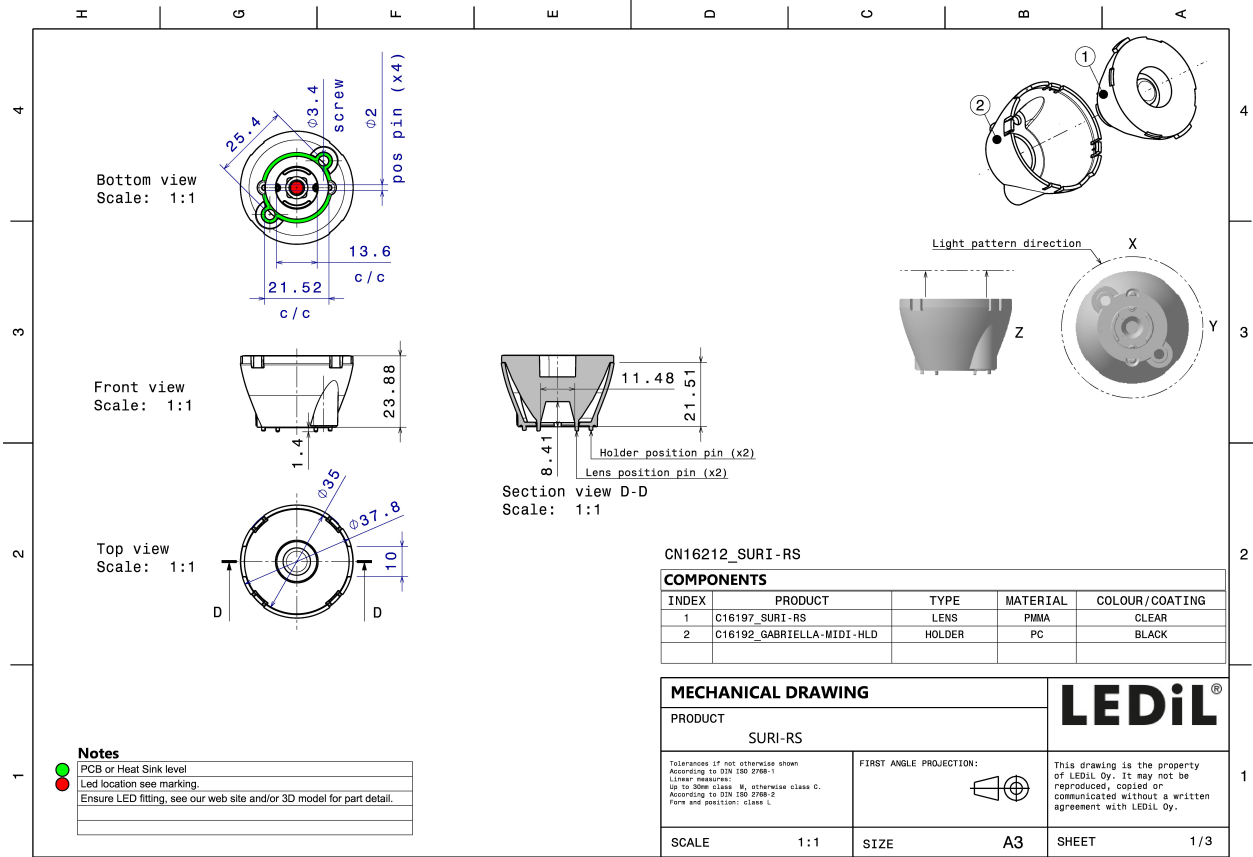
### TECHNICAL SPECIFICATIONS:

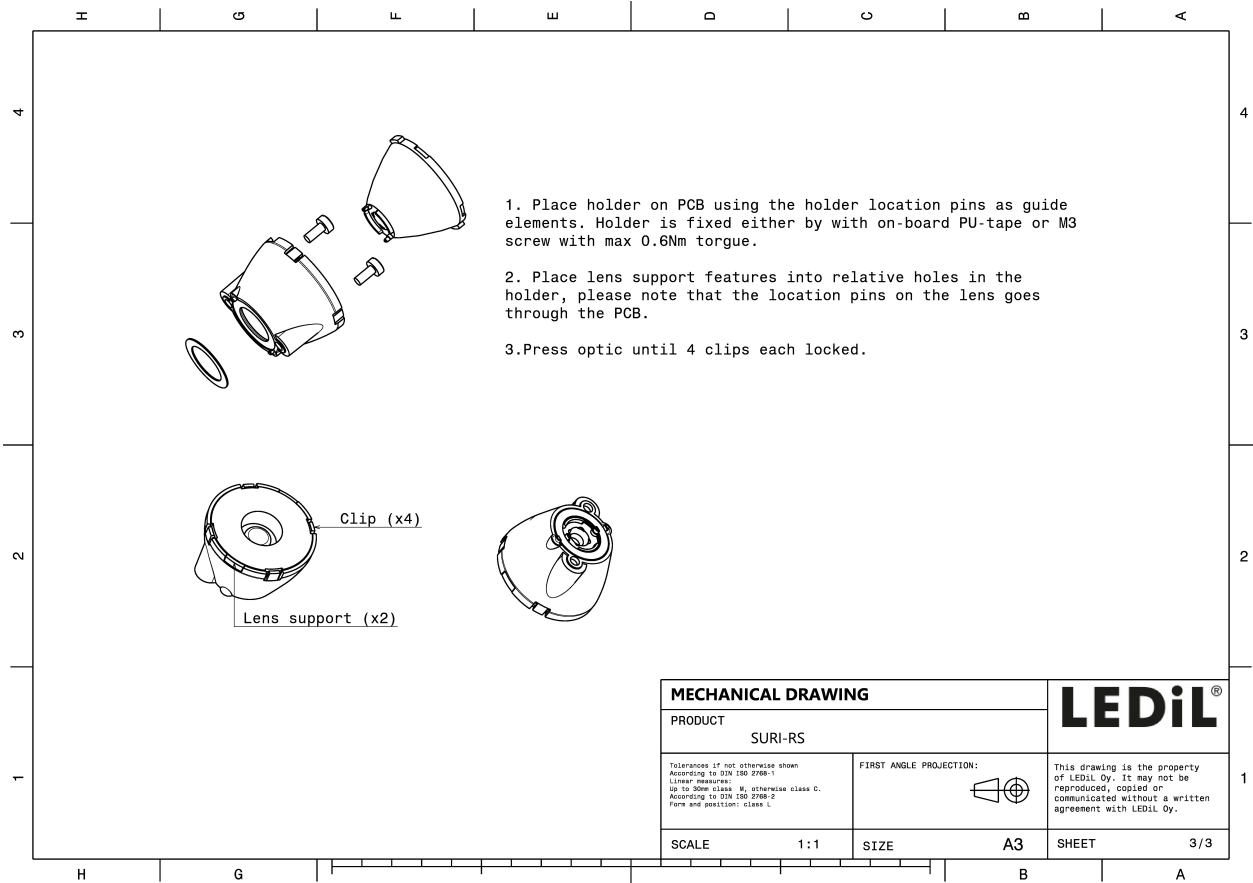
Dimensions	Ø 37.8 mm
Height	23.9 mm
Fastening	pin, screw
Colour	black
Box size	
Box weight	0 kg
Quantity in Box	450 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
SURI-RS	Lens	PMMA	clear
GABRIELLA-MIDI-HLD	Holder	PC	black



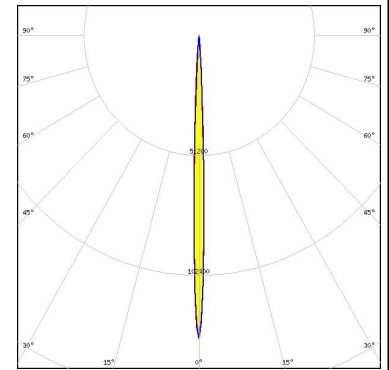
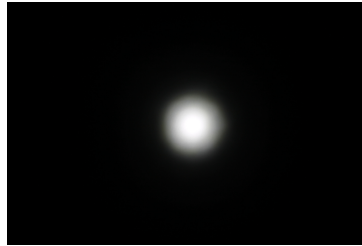




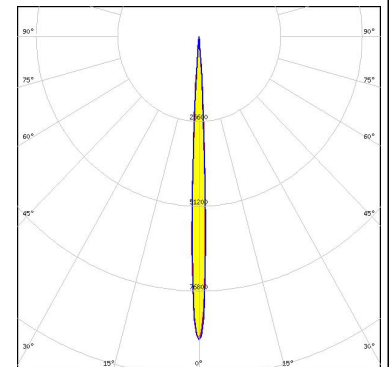
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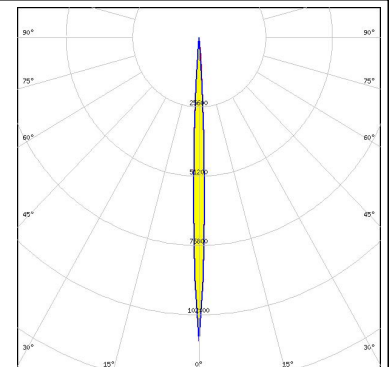
LED XQ-E HI  
 FWHM 4.0°  
 Efficiency 91 %  
 Peak intensity 129.500 cd/Im  
 Required components:



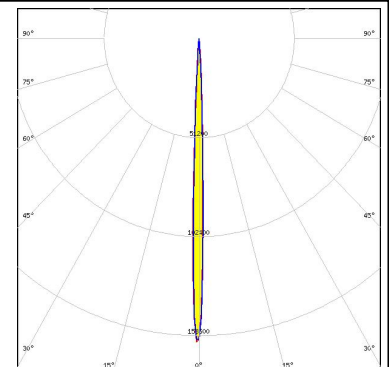
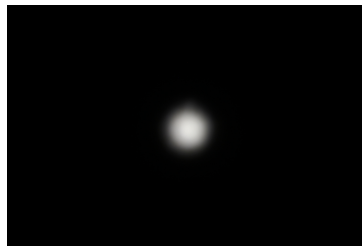
LED LUXEON C  
 FWHM 5.0°  
 Efficiency 86 %  
 Peak intensity 91.500 cd/Im  
 Required components:



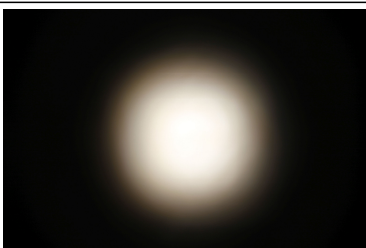
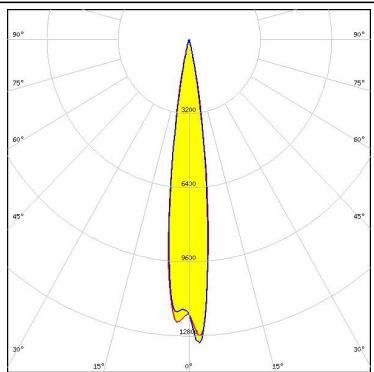

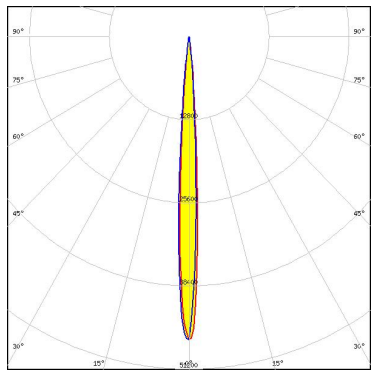
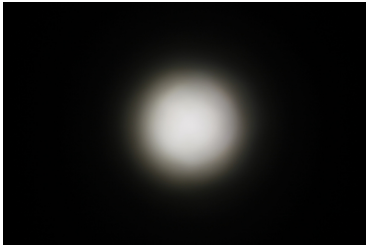
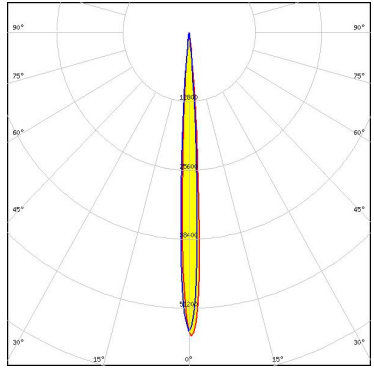

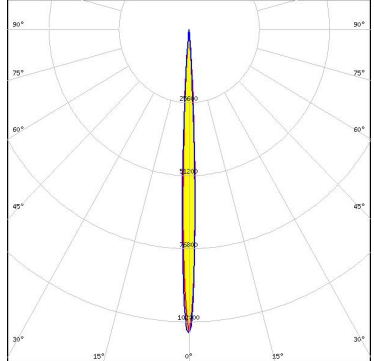
LED LUXEON CZ  
 FWHM 4.0°  
 Efficiency 93 %  
 Peak intensity 124.000 cd/Im  
 Required components:



LED LUXEON Z  
 FWHM 4.0°  
 Efficiency 92 %  
 Peak intensity 158.000 cd/Im  
 Required components:



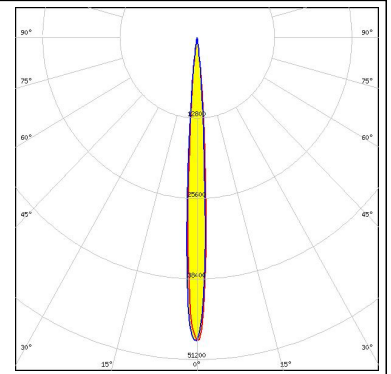
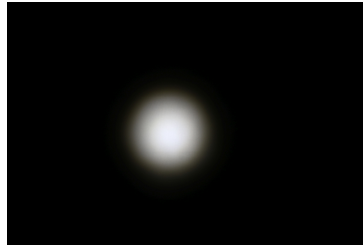
#### PHOTOMETRIC DATA (MEASURED):

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Duris S8</p> <p>FWHM 14.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 13.500 cd/lm</p> <p>Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSCONIQ P 3737 (2W version)</p> <p>FWHM 7.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 47.700 cd/lm</p> <p>Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Oslon Square EC</p> <p>FWHM 6.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 56.000 cd/lm</p> <p>Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Oslon SSL 150</p> <p>FWHM 5.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 106.000 cd/lm</p> <p>Required components:</p>		

#### PHOTOMETRIC DATA (MEASURED):

### SAMSUNG

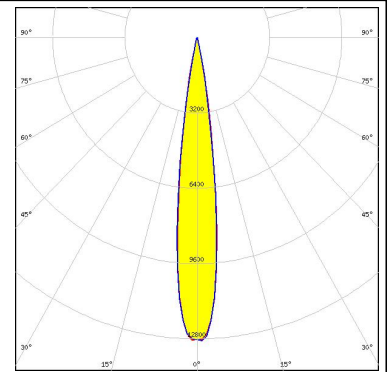
LED LH181B  
FWHM 7.0°  
Efficiency 91 %  
Peak intensity 48.200 cd/lm  
Required components:



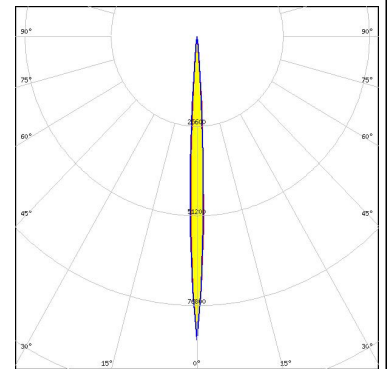
### PHOTOMETRIC DATA (SIMULATED):



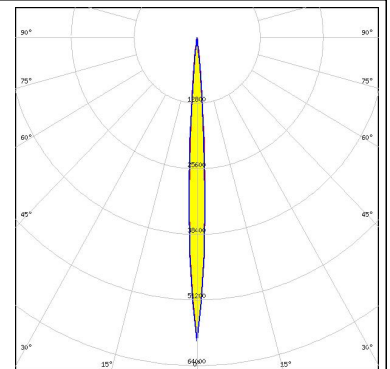
LED XHP50.2  
 FWHM 14.0°  
 Efficiency 89 %  
 Peak intensity 13.000 cd/lm  
 Required components:



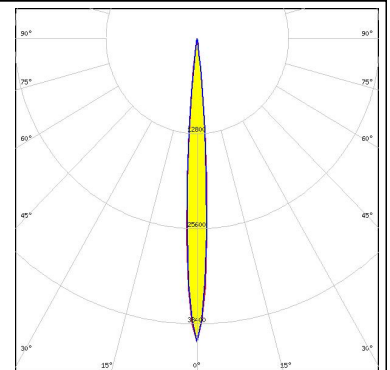
LED XP-E2  
 FWHM 5.0°  
 Efficiency 91 %  
 Peak intensity 85.000 cd/lm  
 Required components:



LED XP-G2  
 FWHM 6.0°  
 Efficiency 91 %  
 Peak intensity 58.000 cd/lm  
 Required components:



LED XP-G3  
 FWHM 7.7°  
 Efficiency 90 %  
 Peak intensity 40.800 cd/lm  
 Required components:

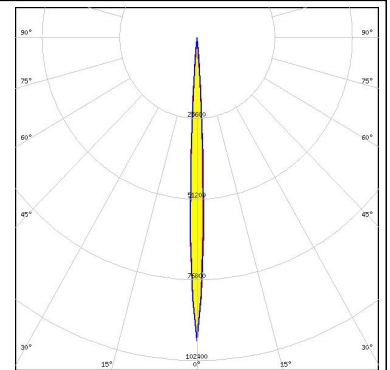




#### PHOTOMETRIC DATA (SIMULATED):

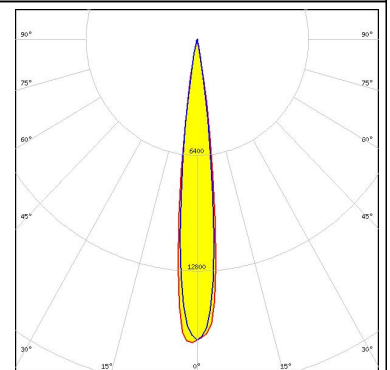
**CREE** 

LED XQ-E  
 FWHM 5.2°  
 Efficiency 92 %  
 Peak intensity 96.200 cd/lm  
 Required components:



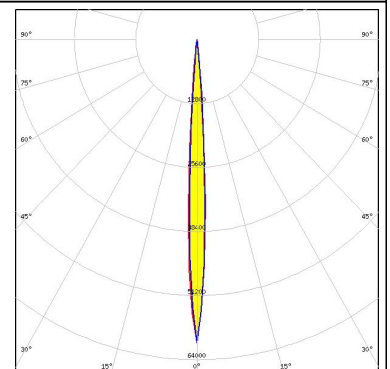
**OSRAM**  
Opto Semiconductors

LED Duris S8  
 FWHM 13.0°  
 Efficiency 92 %  
 Peak intensity 16.800 cd/lm  
 Required components:



**OSRAM**  
Opto Semiconductors

LED Oslon Square Gen3  
 FWHM 6.4°  
 Efficiency 92 %  
 Peak intensity 60.700 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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