



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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## STRADA-S

Side emitter beam

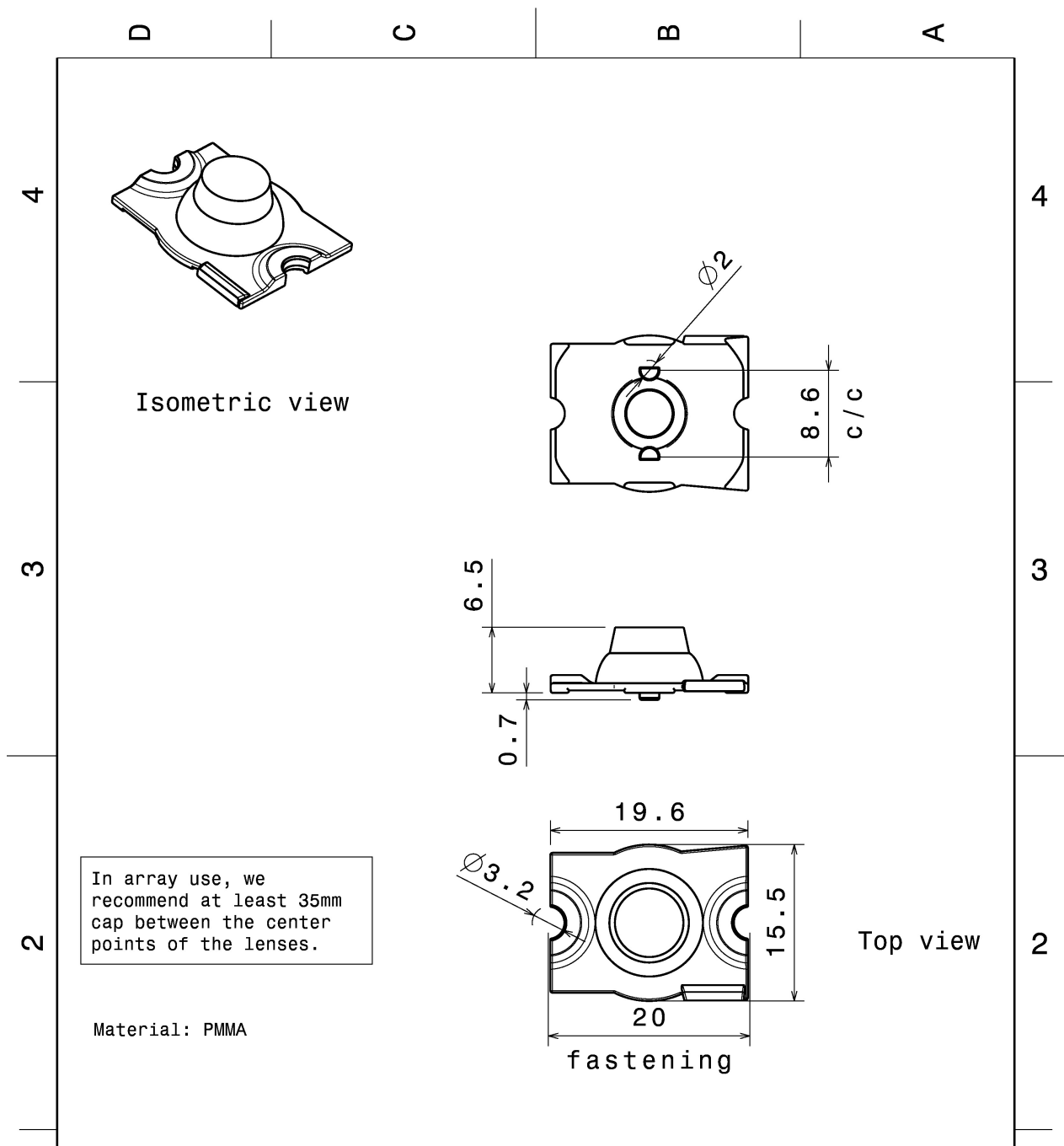
### TECHNICAL SPECIFICATIONS:

|                 |                    |
|-----------------|--------------------|
| Dimensions      | 19.6 x 15.5 mm     |
| Height          | 6.9 mm             |
| Fastening       | pin, screw         |
| Colour          | clear              |
| Box size        | 480 x 280 x 300 mm |
| Box weight      | 3.5 kg             |
| Quantity in Box | 2880 pcs           |
| ROHS compliant  | yes ⓘ              |

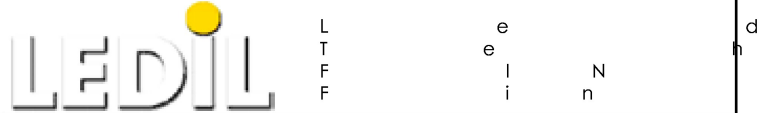


### MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour |
|-----------|------|----------|--------|
| STRADA-S  | Lens | PMMA     | clear  |



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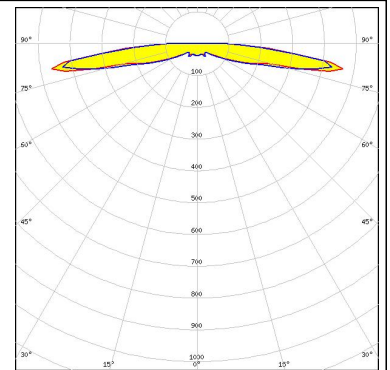
|                   |                    |                    |  |              |          |  |
|-------------------|--------------------|--------------------|--|--------------|----------|--|
| DRAWN BY<br>p     |                    | DATE<br>18.12.2009 | DRAWING TITLE<br>Datasheet Strada-S lens |              |          |  |
| CHECKED BY<br>h   | DATE<br>18.12.2009 | SIZE<br>A4         | DRAWING NUMBER<br>C11249                 |              | REV<br>1 |  |
| DESIGNED BY<br>o1 | DATE<br>18.12.2009 | SCALE<br>2:1       | WEIGHT (g)                               | SHEET<br>1/1 |          |  |



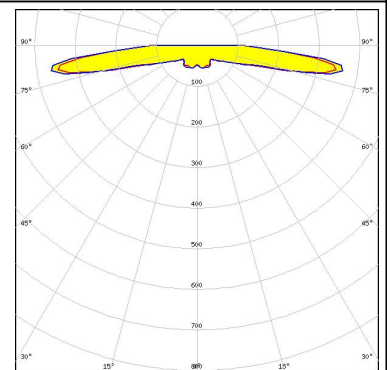
### PHOTOMETRIC DATA (MEASURED):



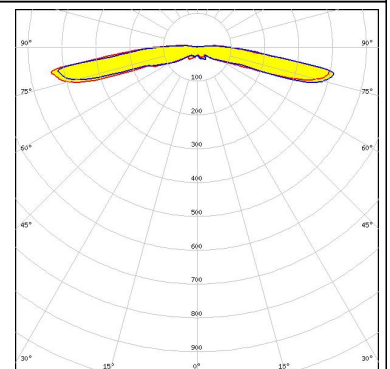
LED XP-E  
FWHM 144.0 + 168.0°  
Efficiency 93 %  
Peak intensity 0.470 cd/lm  
Required components:



LED XP-G  
FWHM 144.0 + 176.0°  
Efficiency 93 %  
Peak intensity 0.350 cd/lm  
Required components:



LED XP-G2  
FWHM 169.0°  
Efficiency 94 %  
Peak intensity 0.480 cd/lm  
Required components:

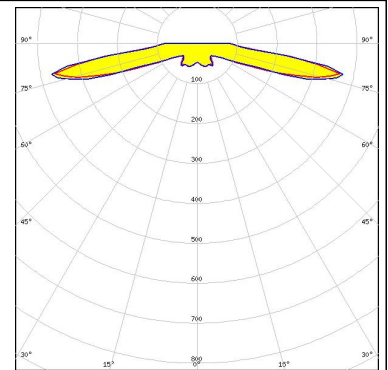


LED LUXEON Rebel  
FWHM 162.0 + 138.0°  
Efficiency 93 %  
Peak intensity 0.380 cd/lm  
Required components:

### PHOTOMETRIC DATA (MEASURED):



LED LUXEON Rebel ES  
FWHM 137.0 + 166.0°  
Efficiency 93 %  
Peak intensity 0.320 cd/lm  
Required components:



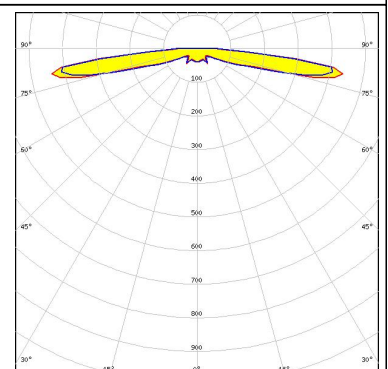
LED NCSxx19A  
FWHM 168.0 + 138.0°  
Efficiency 93 %  
Peak intensity 0.360 cd/lm  
Required components:



LED NVSxx19A  
FWHM 162.0 + 138.0°  
Efficiency 93 %  
Peak intensity cd/lm  
Required components:



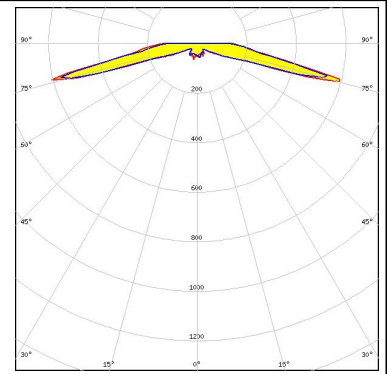
LED Oslon SSL 150  
FWHM 146.0 + 170.0°  
Efficiency 93 %  
Peak intensity 0.440 cd/lm  
Required components:



### PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

LED Oslon SSL 80  
FWHM 161.0°  
Efficiency 93 %  
Peak intensity 0.600 cd/lm  
Required components:



## PHOTOMETRIC DATA (SIMULATED):

### LUMILEDS

LED LUXEON A  
FWHM 144.0 + 176.0°  
Efficiency %  
Peak intensity cd/Im  
Required components:

### SEAGUR SEOUL SEMICONDUCTOR

LED Z5  
FWHM 144.0 + 176.0°  
Efficiency %  
Peak intensity cd/Im  
Required components:

### SHARP

LED Double Dome (GM2BB)  
FWHM 144.0 + 176.0°  
Efficiency %  
Peak intensity cd/Im  
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.

### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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