



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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## TINA3-OO

~60° x 40° oval beam designed for CREE XP-G2 and XT-E. Assembly with holder and installation tape.

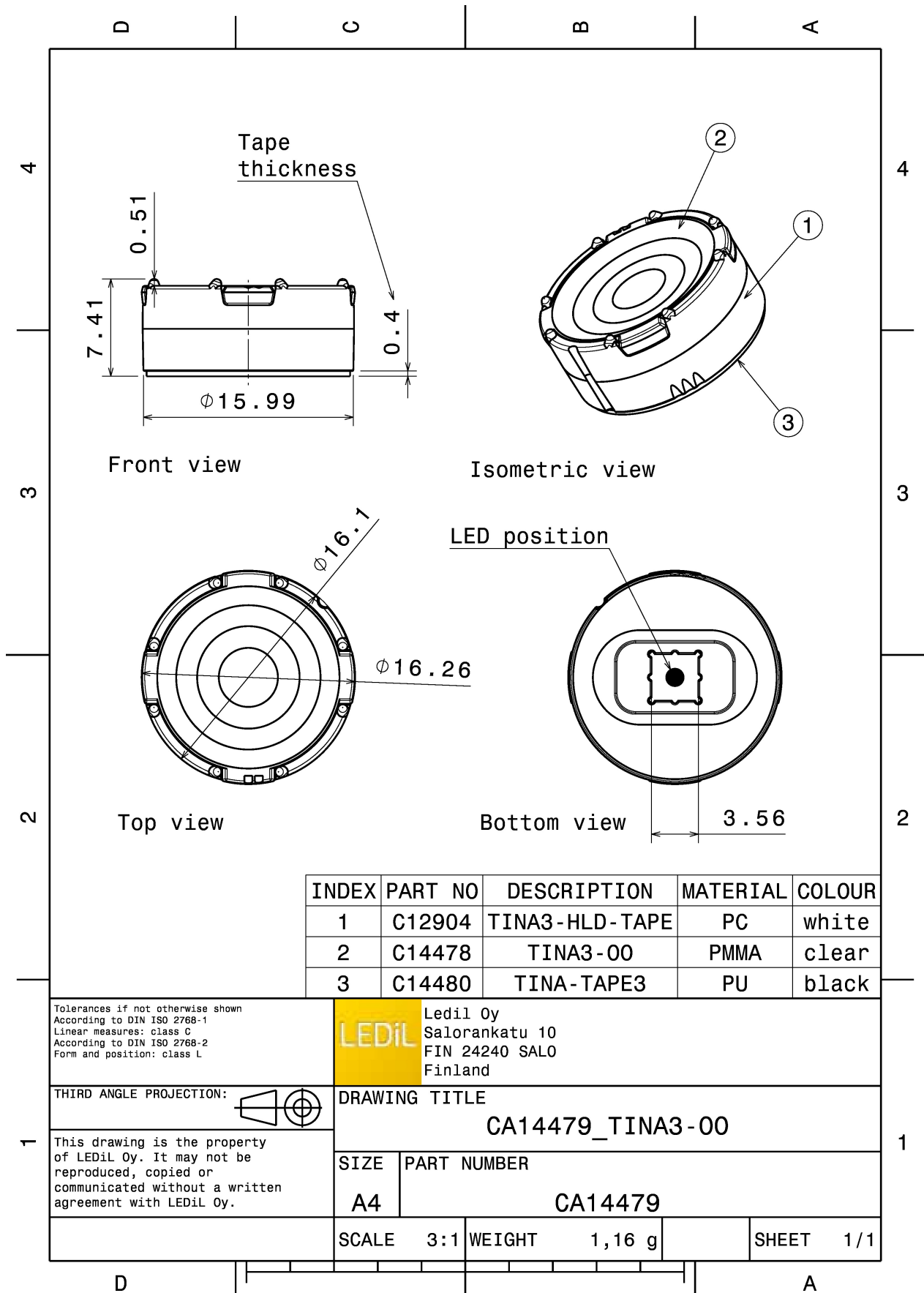
### TECHNICAL SPECIFICATIONS:

|                 |                    |
|-----------------|--------------------|
| Dimensions      | Ø 16.1 mm          |
| Height          | 7.3 mm             |
| Fastening       | tape               |
| Colour          | white              |
| Box size        | 451 x 241 x 298 mm |
| Box weight      | 9 kg               |
| Quantity in Box | 5750 pcs           |
| ROHS compliant  | yes ⓘ              |



### MATERIAL SPECIFICATIONS:

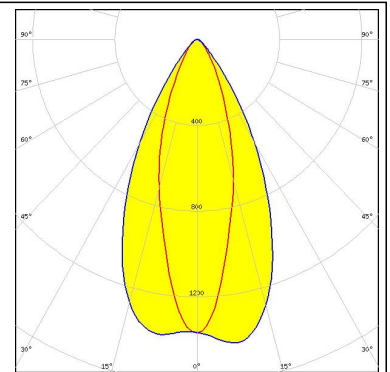
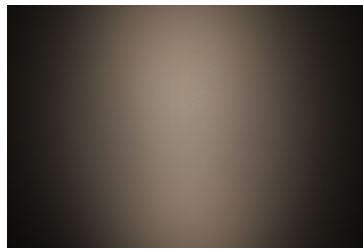
| Component      | Type   | Material | Colour |
|----------------|--------|----------|--------|
| TINA3-OO       | Lens   | PMMA     | clear  |
| TINA3-HLD-TAPE | Holder | PC       | white  |
| TINA-TAPE3     | Tape   | PU tape  | black  |



#### PHOTOMETRIC DATA (MEASURED):

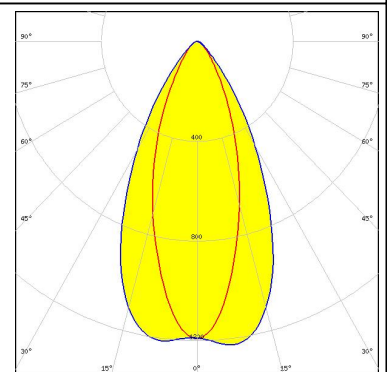
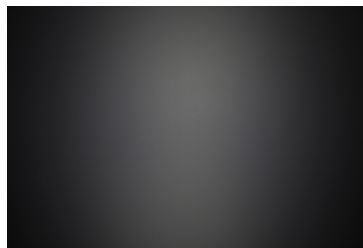
**CREE** 

LED XP-E2  
 FWHM 31.0 + 54.0°  
 Efficiency 85 %  
 Peak intensity 1.400 cd/lm  
 Required components:



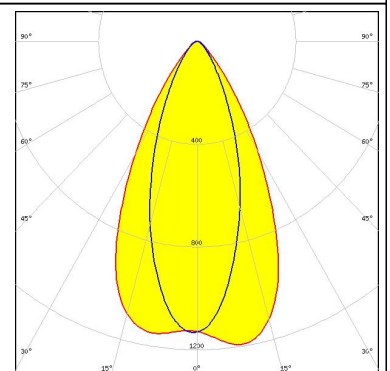
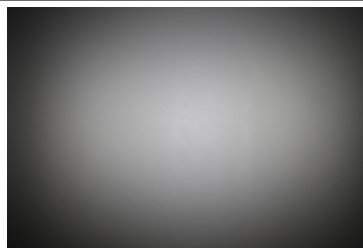
**CREE** 

LED XP-G2  
 FWHM 35.0 + 54.0°  
 Efficiency 85 %  
 Peak intensity 1.200 cd/lm  
 Required components:



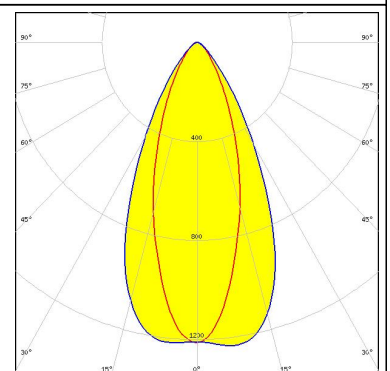
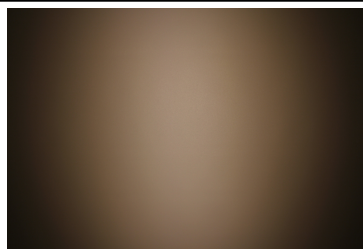
**CREE** 

LED XP-L HI  
 FWHM 37.0 + 55.0°  
 Efficiency 84 %  
 Peak intensity 1.200 cd/lm  
 Required components:



**CREE** 

LED XT-E  
 FWHM 35.0 + 53.0°  
 Efficiency 84 %  
 Peak intensity 1.200 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.

### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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