



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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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



## MOLLY-W

~60° wide beam

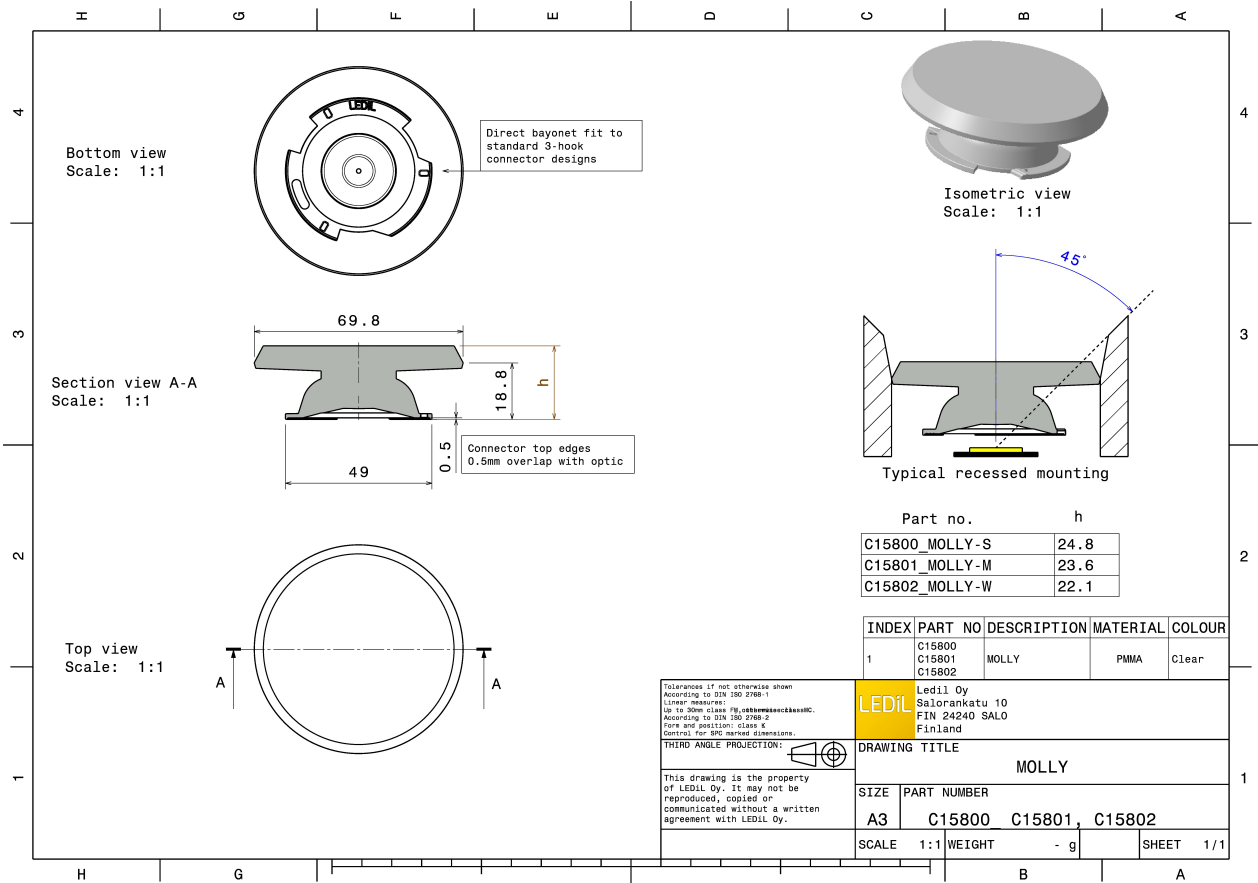
### TECHNICAL SPECIFICATIONS:

|                 |                    |
|-----------------|--------------------|
| Dimensions      | Ø 69.8 mm          |
| Height          | 22.1 mm            |
| Fastening       |                    |
| Colour          | clear              |
| Box size        | 476 x 273 x 292 mm |
| Box weight      | 8.1 kg             |
| Quantity in Box | 198 pcs            |
| ROHS compliant  | yes ⓘ              |


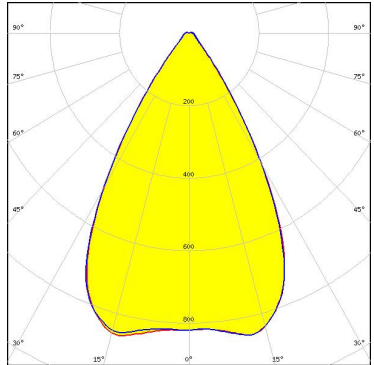
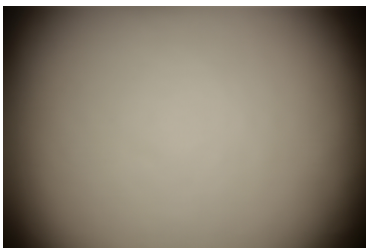
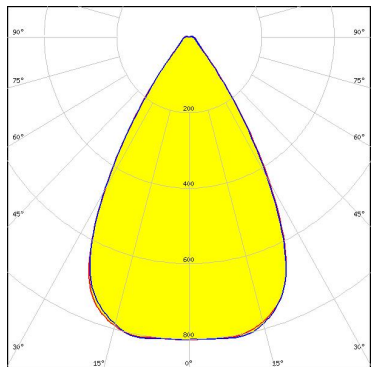

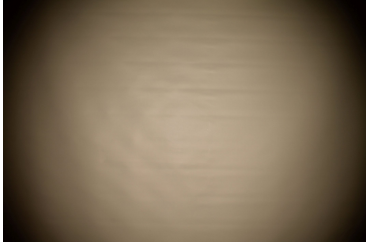
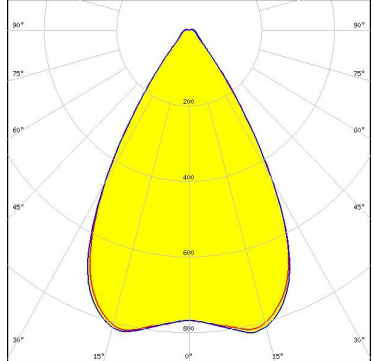


### MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour |
|-----------|------|----------|--------|
| MOLLY-W   | Lens | PMMA     | clear  |



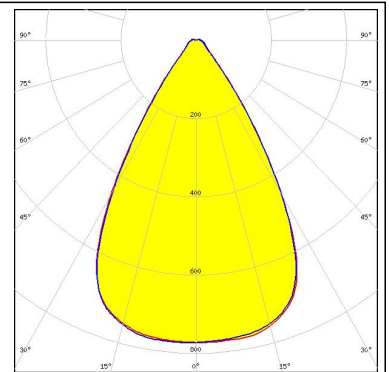
#### PHOTOMETRIC DATA (MEASURED):

|   |  |   |
|---|--|---|
| <p>bridgelux.</p> <p>LED           Vero SE 13</p> <p>FWHM        62.0°</p> <p>Efficiency    90 %</p> <p>Peak intensity 0.860 cd/lm</p> <p>Required components:</p> <p>    C16402_CLAMP-VEROSE-13-18</p>       |    |    |
| <p>bridgelux.</p> <p>LED           Vero SE 18</p> <p>FWHM        62.0°</p> <p>Efficiency    90 %</p> <p>Peak intensity 0.810 cd/lm</p> <p>Required components:</p> <p>    C16402_CLAMP-VEROSE-13-18</p>       |   |   |
| <p><b>CITIZEN</b></p> <p>LED           CLL03x/CLU03x</p> <p>FWHM        61.0°</p> <p>Efficiency    89 %</p> <p>Peak intensity 0.850 cd/lm</p> <p>Required components:</p> <p>    Bender Wirth: 433 Typ L1</p> |  |   |
| <p><b>CREE</b> ⇄</p> <p>LED           CMA1840</p> <p>FWHM        64.0 + °</p> <p>Efficiency    91 %</p> <p>Peak intensity 0.820 cd/lm</p> <p>Required components:</p> <p>    C14123_CLAMP-CXA15-18</p>        |  |  |

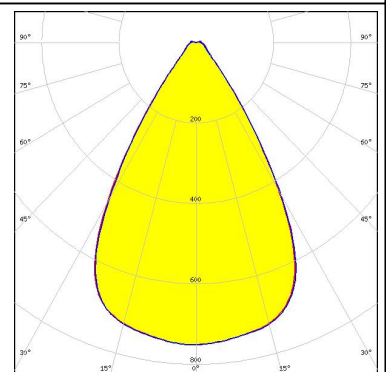
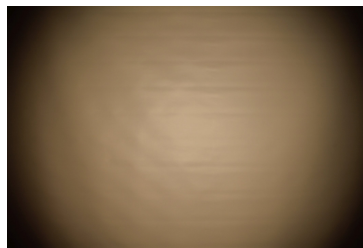
#### PHOTOMETRIC DATA (MEASURED):



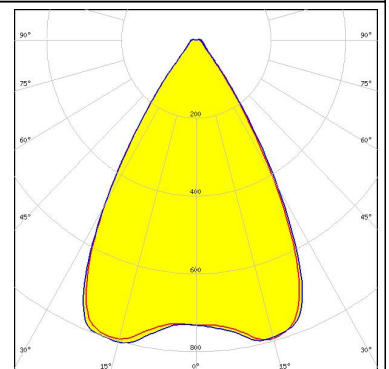
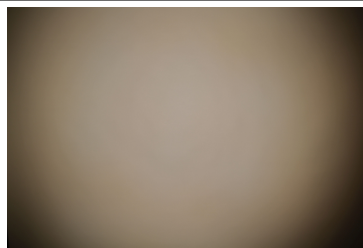
LED CMA2550  
 FWHM 63.0°  
 Efficiency 89 %  
 Peak intensity 0.770 cd/lm  
 Required components:  
 C14036\_CLAMP\_CXA25-30



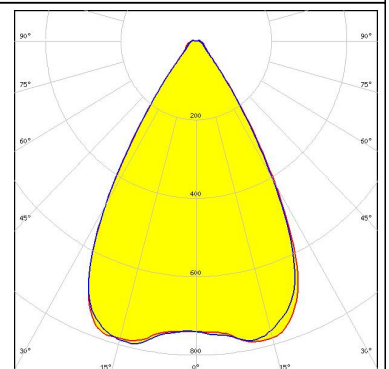
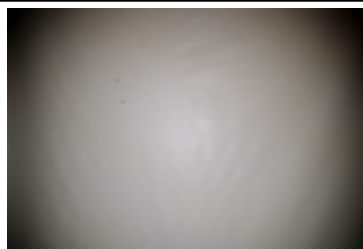
LED CMA3090  
 FWHM 64.0°  
 Efficiency 89 %  
 Peak intensity 0.750 cd/lm  
 Required components:  
 C14036\_CLAMP\_CXA25-30



LED CDM-14 (Dim-To-Warm)  
 FWHM 64.0°  
 Efficiency 89 %  
 Peak intensity 0.800 cd/lm  
 Required components:  
 C13658\_CLAMP-VERO13-18  
 Bender Wirth: 491 Typ L2



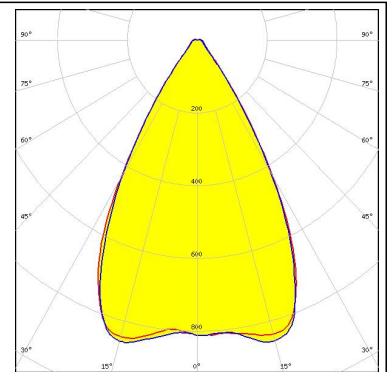
LED CDM-18 (Dim-To-Warm)  
 FWHM 63.0°  
 Efficiency 89 %  
 Peak intensity 0.800 cd/lm  
 Required components:  
 C13658\_CLAMP-VERO13-18  
 Bender Wirth: 491 Typ L2



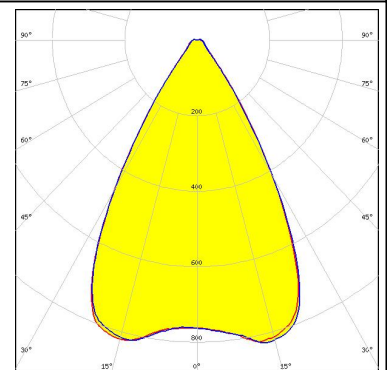
#### PHOTOMETRIC DATA (MEASURED):



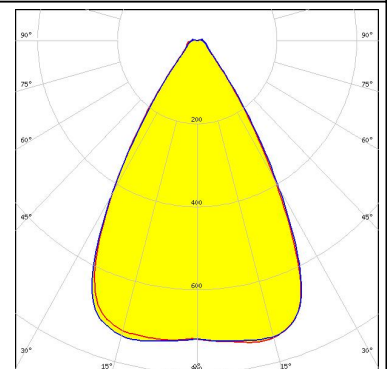
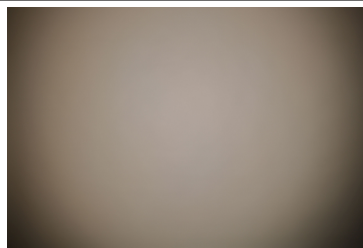
LED CDM-9 (Dim-To-Warm)  
 FWHM 61.0°  
 Efficiency 89 %  
 Peak intensity 0.860 cd/lm  
 Required components:  
 C13658\_CLAMP-VERO13-18  
 Bender Wirth: 490 Typ L1



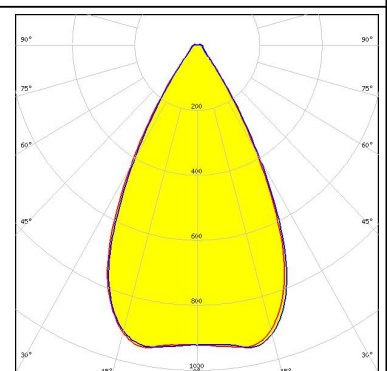
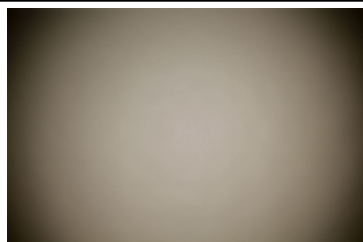
LED CTM-14 (Tunable White)  
 FWHM 62.0°  
 Efficiency 88 %  
 Peak intensity 0.830 cd/lm  
 Required components:  
 C13584\_CLAMP-VERO29  
 Bender Wirth: 442 Typ L3



LED CTM-22 (Tunable White)  
 FWHM 62.0°  
 Efficiency 87 %  
 Peak intensity 0.700 cd/lm  
 Required components:  
 C13584\_CLAMP-VERO29  
 Bender Wirth: 494 Typ L3



LED Fortimo SLM L15 Standard  
 FWHM 57.0°  
 Efficiency 89 %  
 Peak intensity 0.900 cd/lm  
 Required components:  
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



## PHOTOMETRIC DATA (MEASURED):

### XICATO

LED XIM - 19mm LES

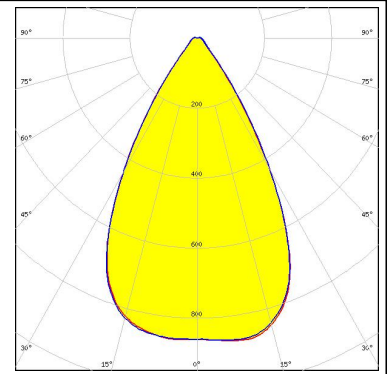
FWHM 60.0°

Efficiency 90 %

Peak intensity 0.880 cd/lm

Required components:

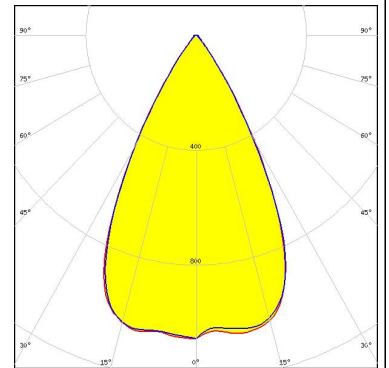
C16491\_XTM-ADAPTER-50-A



### PHOTOMETRIC DATA (SIMULATED):

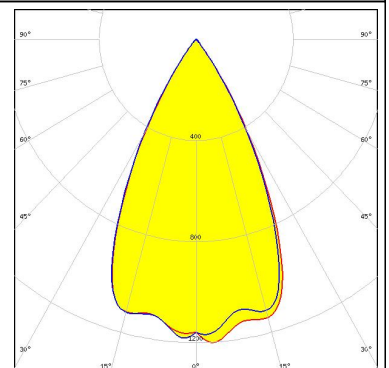


LED VERO13  
FWHM 55.0°  
Efficiency 90 %  
Peak intensity 1.100 cd/lm  
Required components:  
C13658\_CLAMP-VERO13-18

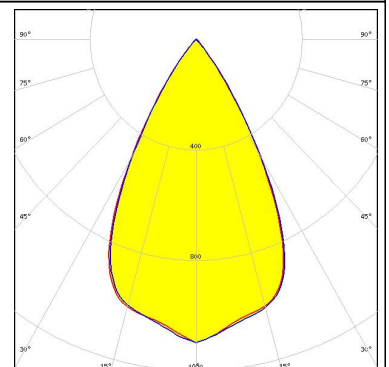


### CITIZEN

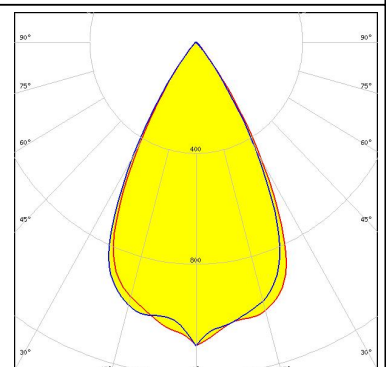
LED CLL02x/CLU02x (LES10)  
FWHM 54.0°  
Efficiency 89 %  
Peak intensity 1.190 cd/lm  
Required components:  
Bender Wirth: 434 Typ L1



LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
FWHM 58.0°  
Efficiency 90 %  
Peak intensity 1.070 cd/lm  
Required components:  
LEDiL: C14123\_CLAMP-CXA15-18



LED CXA/B 25xx  
FWHM 57.0°  
Efficiency 0 %  
Peak intensity 1.070 cd/lm  
Required components:  
LEDiL: C14036\_CLAMP-CXA25-30

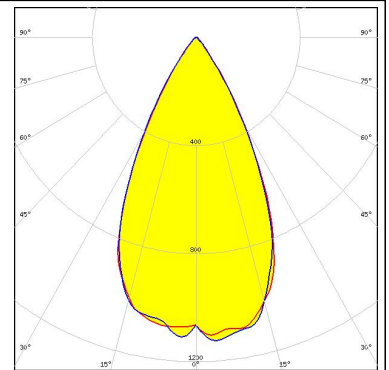




#### PHOTOMETRIC DATA (SIMULATED):

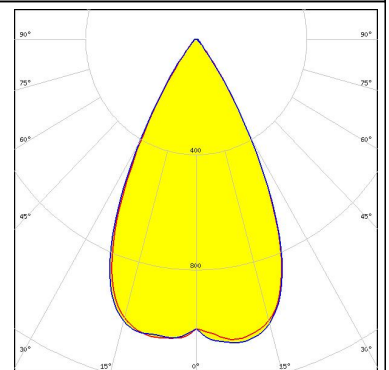
#### TRIDONIC

LED SLE G6 LES15 H D50  
FWHM 52.0°  
Efficiency 84 %  
Peak intensity 1.140 cd/lm  
Required components:  
TE: OPTIC CLIP Z50 TYPE1 2213194-1



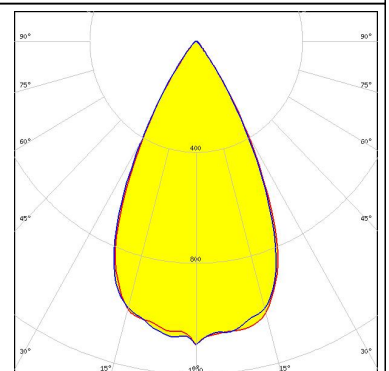
#### TRIDONIC

LED SLE G6 LES17 H  
FWHM 55.0°  
Efficiency 87 %  
Peak intensity 1.100 cd/lm  
Required components:  
TE: OPTIC CLIP Z50 TYPE1 2213194-1



#### TRIDONIC

LED SLE G6 LES19 H  
FWHM 54.0°  
Efficiency 85 %  
Peak intensity 1.100 cd/lm  
Required components:  
TE: OPTIC CLIP Z50 TYPE1 2213194-1



### 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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

### 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:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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