



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-S

~25° spot beam

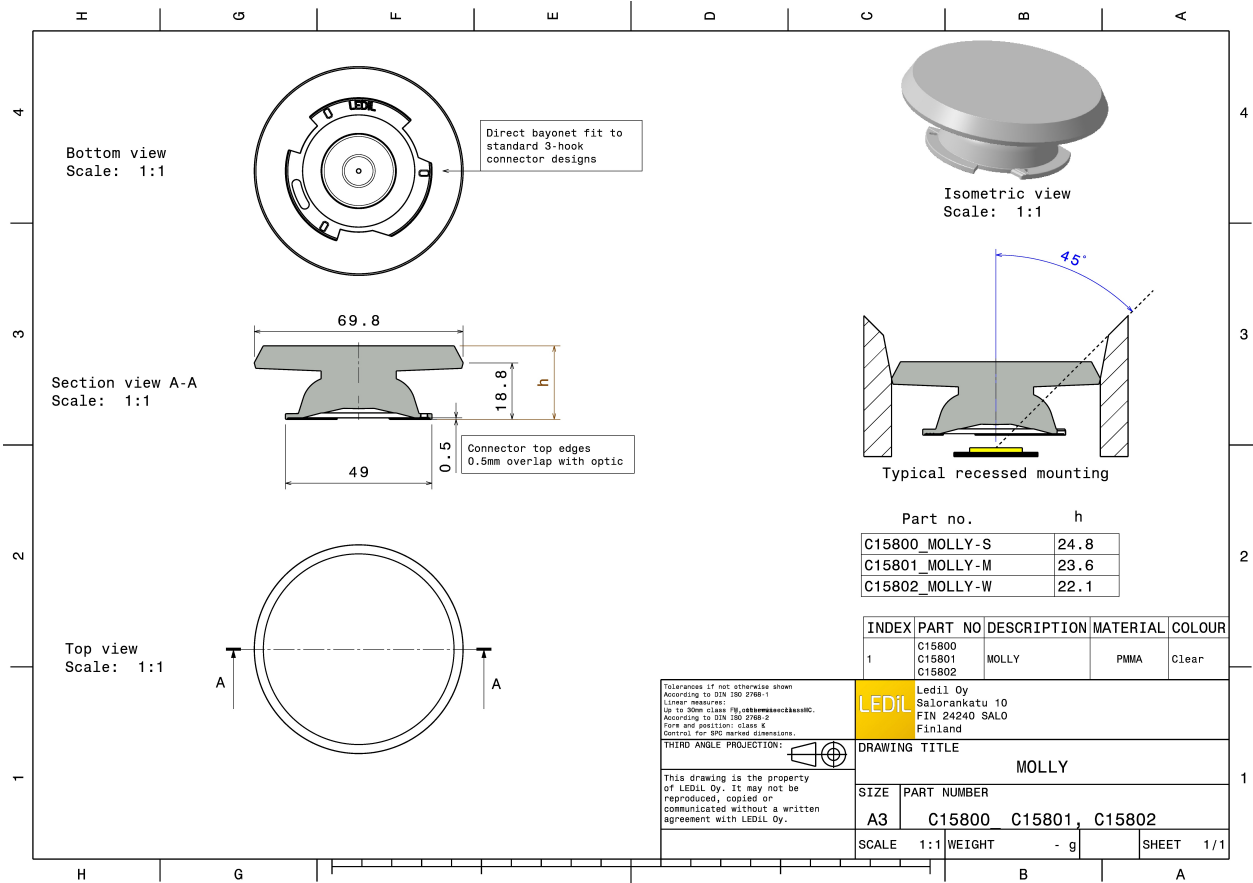
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.8 mm
Height	24.8 mm
Fastening	
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	9.7 kg
Quantity in Box	198 pcs
ROHS compliant	yes ⓘ



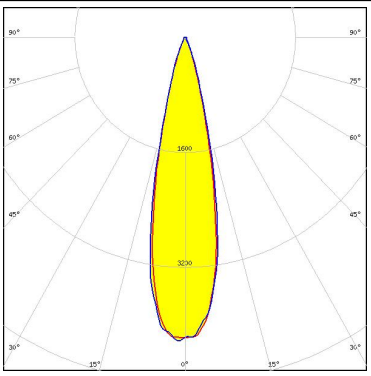

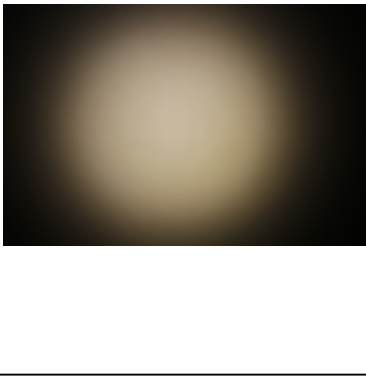
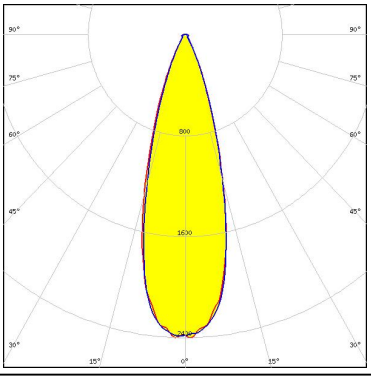

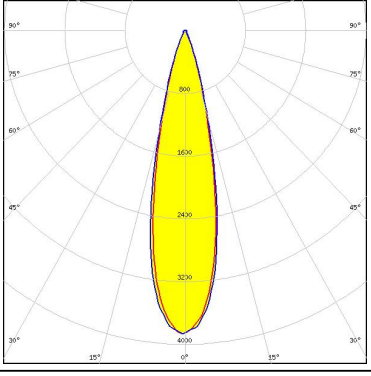

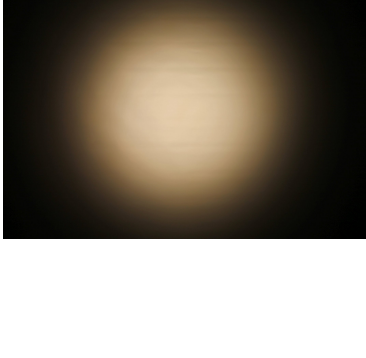
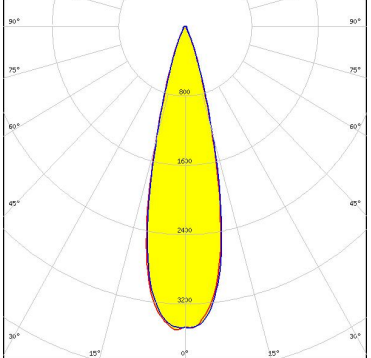


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
MOLLY-S	Lens	PMMA	clear



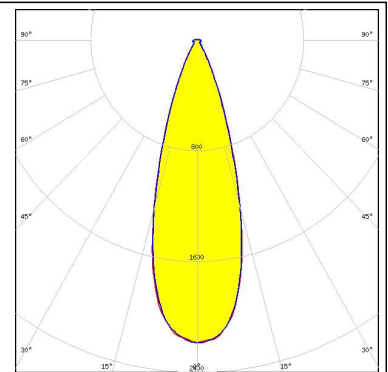
PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED Vero SE 13 FWHM 23.0° Efficiency 90 % Peak intensity 4.200 cd/lm Required components: C16402_CLAMP-VEROSE-13-18</p>		
<p></p> <p>LED Vero SE 18 FWHM 31.0° Efficiency 88 % Peak intensity 2.400 cd/lm Required components: C16402_CLAMP-VEROSE-13-18</p>		
<p>CITIZEN</p> <p>LED CLL03x/CLU03x FWHM 23.0° Efficiency 87 % Peak intensity 3.870 cd/lm Required components: Bender Wirth: 433 Typ L1</p>		
<p></p> <p>LED CMA1840 FWHM 26.0° Efficiency 91 % Peak intensity 3.500 cd/lm Required components: C14123_CLAMP-CXA15-18</p>		

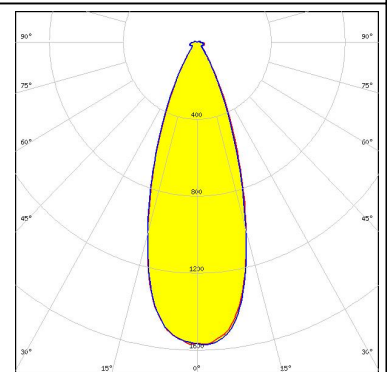
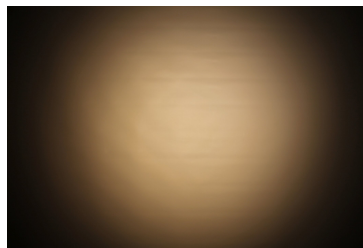
PHOTOMETRIC DATA (MEASURED):



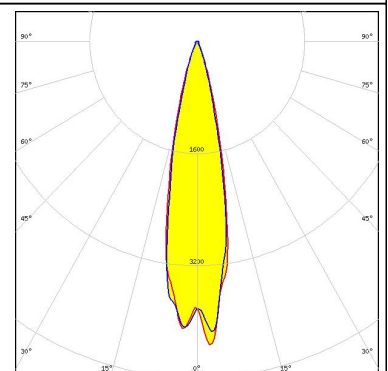
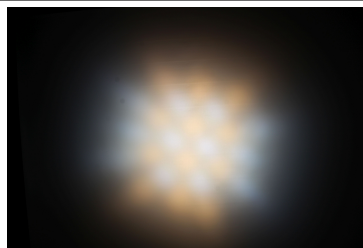
LED CMA2550
 FWHM 32.0°
 Efficiency 89 %
 Peak intensity 2.200 cd/lm
 Required components:
 C14036_CLAMP_CXA25-30



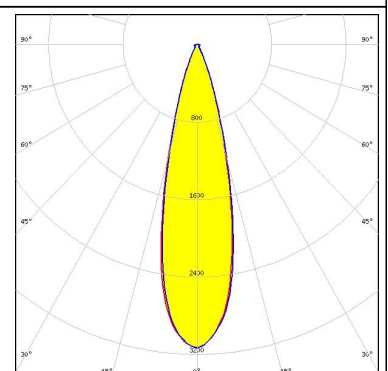
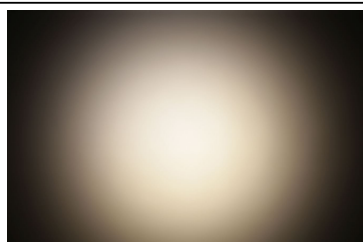
LED CMA3090
 FWHM 37.0°
 Efficiency 86 %
 Peak intensity 1.600 cd/lm
 Required components:
 C14036_CLAMP_CXA25-30



LED CTM-14 (Tunable White)
 FWHM 22.0°
 Efficiency 89 %
 Peak intensity 4.300 cd/lm
 Required components:
 C13584_CLAMP-VERO29
 Bender Wirth: 442 Typ L3



LED Fortimo SLM L15 Standard
 FWHM 26.0°
 Efficiency 88 %
 Peak intensity 3.100 cd/lm
 Required components:
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (MEASURED):

XICATO

LED XIM - 19mm LES

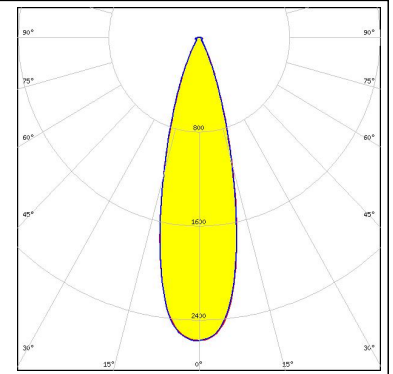
FWHM 28.0°

Efficiency 89 %

Peak intensity 2.600 cd/lm

Required components:

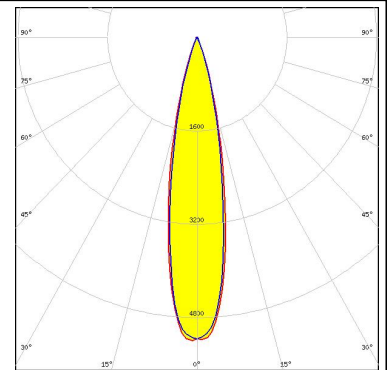
C16491_XTM-ADAPTER-50-A



PHOTOMETRIC DATA (SIMULATED):

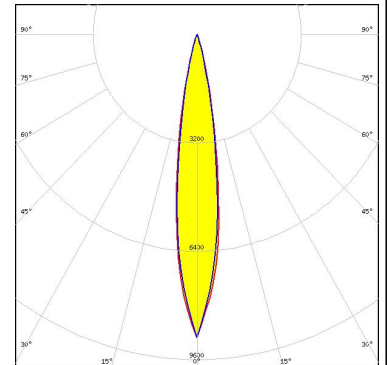


LED VERO13
 FWHM 21.0°
 Efficiency 90 %
 Peak intensity 5.200 cd/lm
 Required components:
 C13658_CLAMP-VERO13-18

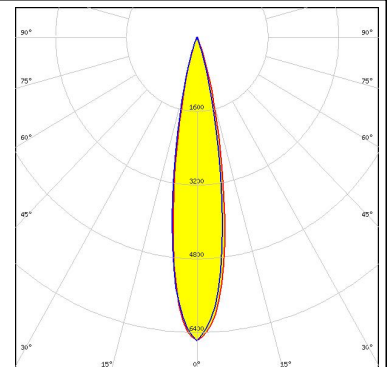


CITIZEN

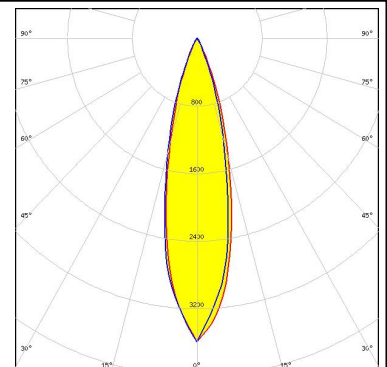
LED CLL02x/CLU02x (LES10)
 FWHM 16.0°
 Efficiency 87 %
 Peak intensity 8.780 cd/lm
 Required components:
 Bender Wirth: 434 Typ L1



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM 19.0°
 Efficiency 89 %
 Peak intensity 6.450 cd/lm
 Required components:
 LEDiL: C14123_CLAMP-CXA15-18



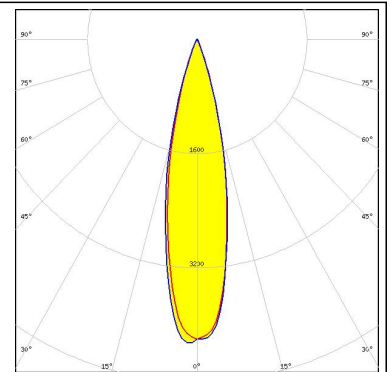
LED CXA/B 25xx
 FWHM 25.0°
 Efficiency 85 %
 Peak intensity 3.500 cd/lm
 Required components:
 LEDiL: C14036_CLAMP-CXA25-30



PHOTOMETRIC DATA (SIMULATED):

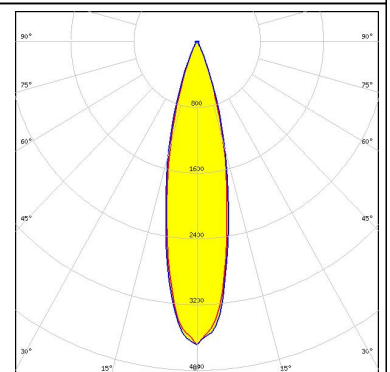
TRIDONIC

LED SLE G6 LES15 H D50
FWHM 23.0°
Efficiency 82 %
Peak intensity 0.000 cd/lm
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



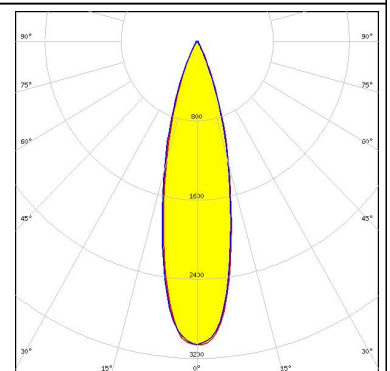
TRIDONIC

LED SLE G6 LES17 H
FWHM 27.0°
Efficiency 85 %
Peak intensity 3.700 cd/lm
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



TRIDONIC

LED SLE G6 LES19 H
FWHM 26.0°
Efficiency 81 %
Peak intensity 3.070 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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