

MOLLY-S

~25° spot beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.8 mm
Height	24.8 mm
ROHS compliant	yes ⓘ

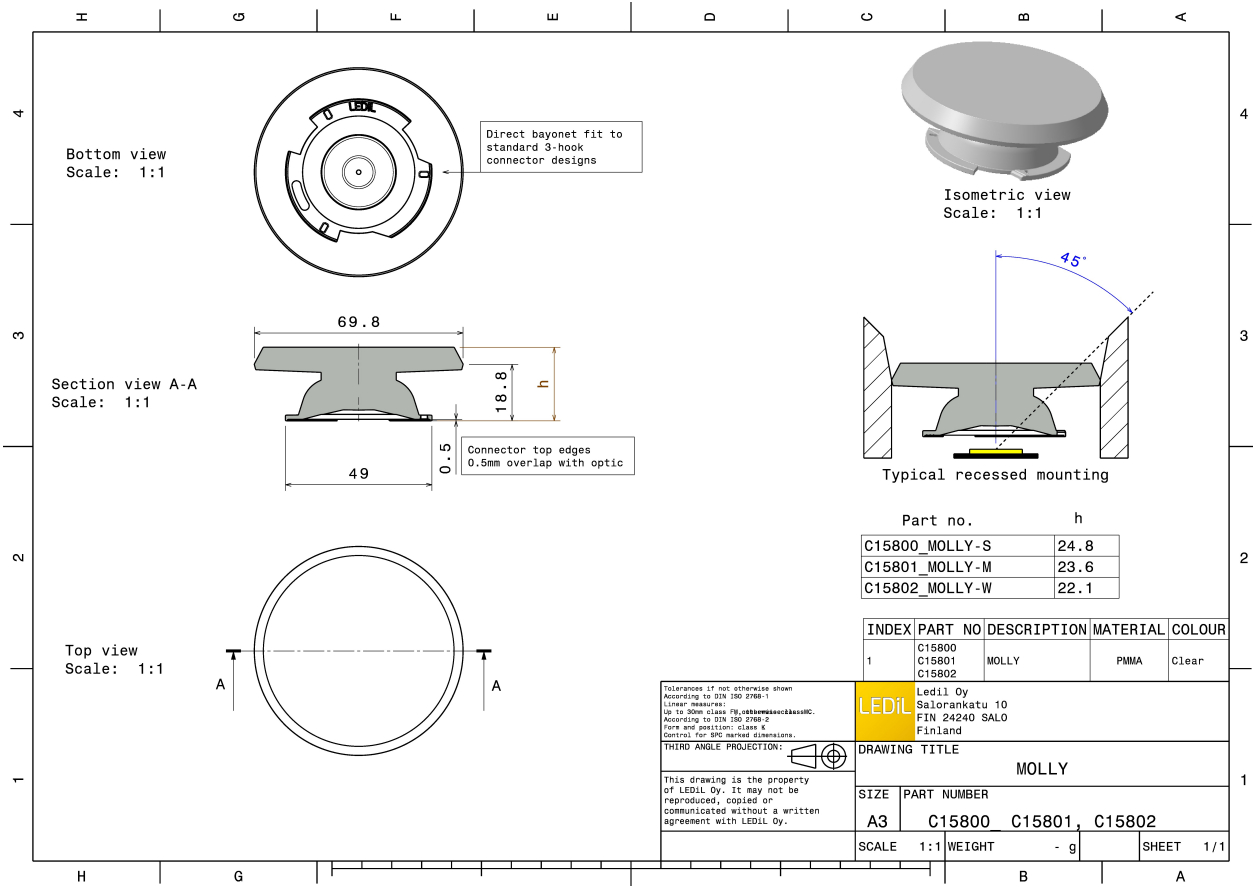
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
MOLLY-S	Single lens	PMMA	clear	





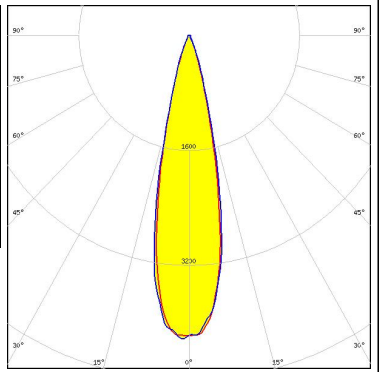

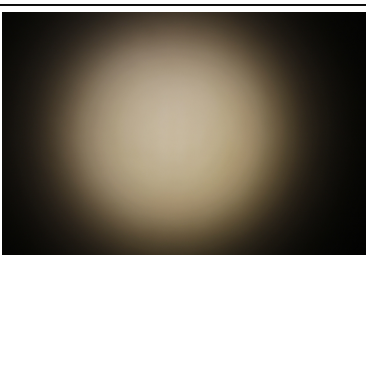
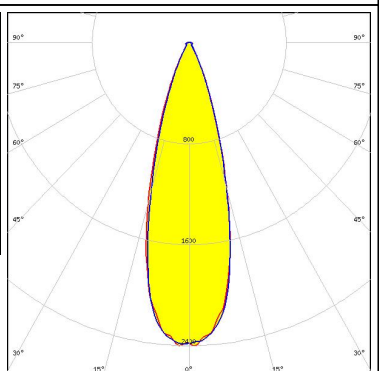

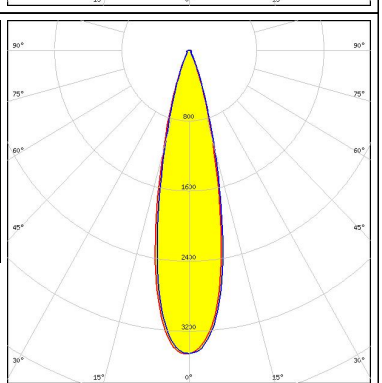

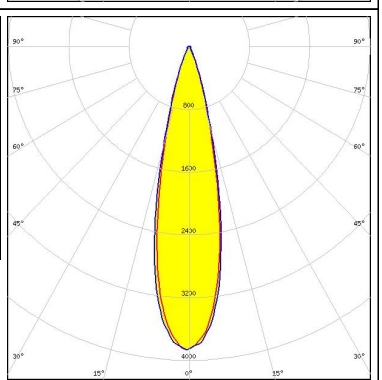
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15800_MOLLY-S » Box size: 480 x 280 x 300 mm	198	36	18	9.7



See also our general installation guide: www.ledil.com/installation_guide

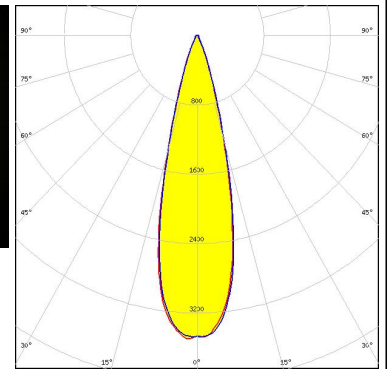
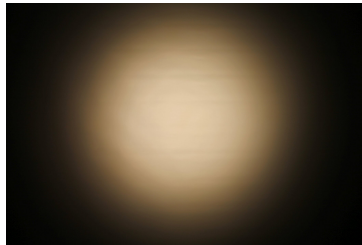
PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED Vero SE 13 FWHM / FWTM 23.0° / 40.0° Efficiency 90 % Peak intensity 4.2 cd/lm LEDs/each optic 1 Light colour White Required components: C16402_CLAMP-VEROSE-13-18</p>		
<p></p> <p>LED Vero SE 18 FWHM / FWTM 31.0° / 54.0° Efficiency 88 % Peak intensity 2.4 cd/lm LEDs/each optic 1 Light colour White Required components: C16402_CLAMP-VEROSE-13-18</p>		
<p>CITIZEN</p> <p>LED CLL03x/CLU03x FWHM / FWTM 24.0° / 45.0° Efficiency 88 % Peak intensity 3.5 cd/lm LEDs/each optic 1 Light colour White Required components: C16791_CLAMP-Z45-A TE Connectivity: 2325807-3</p>		
<p>CITIZEN</p> <p>LED CLL03x/CLU03x FWHM / FWTM 23.0° / 42.0° Efficiency 87 % Peak intensity 3.9 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 433 Typ L1</p>		

PHOTOMETRIC DATA (MEASURED):

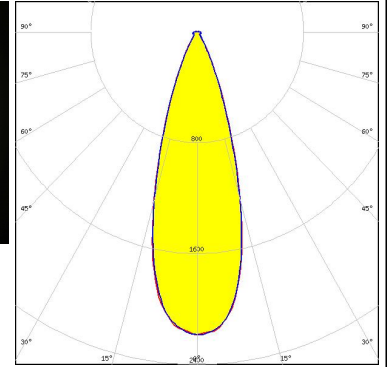
CREE LED

LED CMA1840
FWHM / FWTM 26.0° / 44.0°
Efficiency 91 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14123_CLAMP-CXA15-18



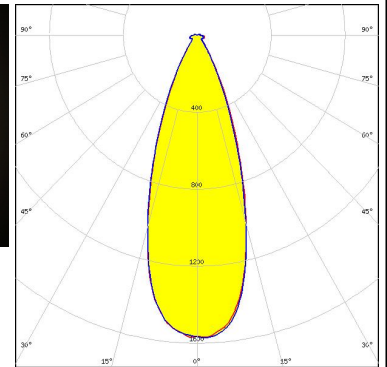
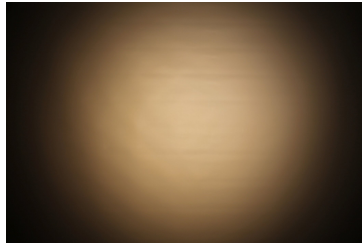
CREE LED

LED CMA2550
FWHM / FWTM 32.0° / 56.0°
Efficiency 89 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14036_CLAMP_CXA25-30



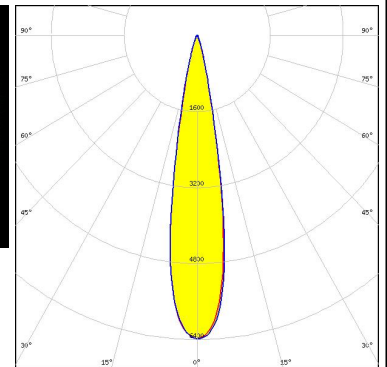
CREE LED

LED CMA3090
FWHM / FWTM 37.0° / 64.0°
Efficiency 86 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14036_CLAMP_CXA25-30


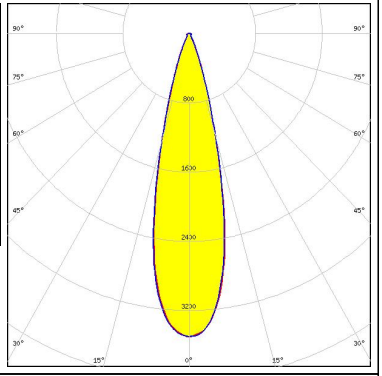

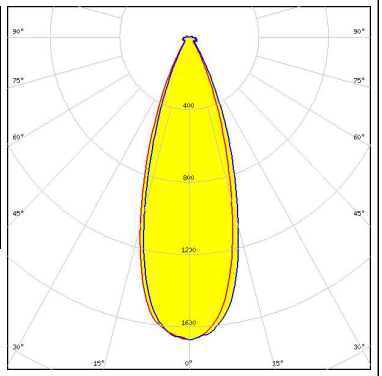

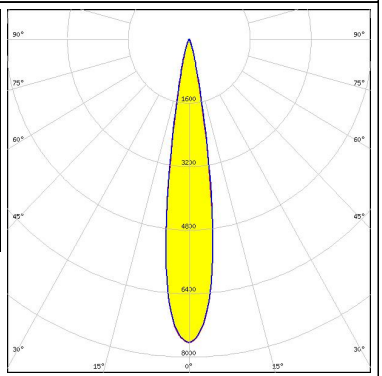
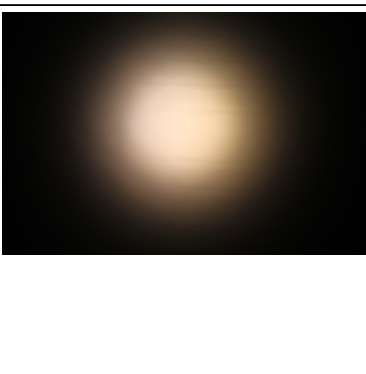
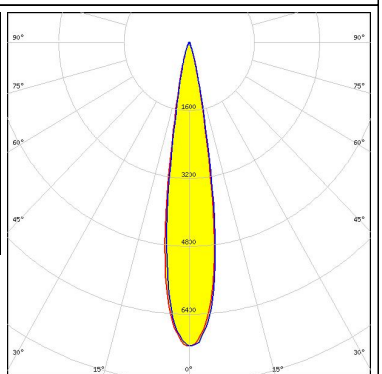


CREE LED

LED CMT14xx
FWHM / FWTM 19.0° / 32.0°
Efficiency 90 %
Peak intensity 6.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 434 Typ L1



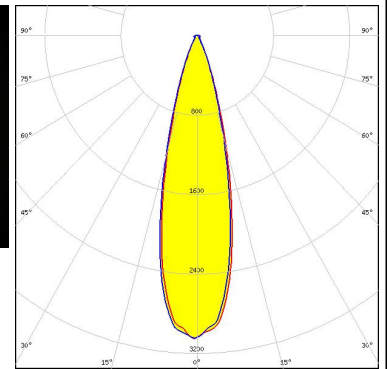
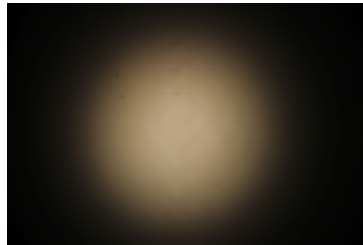
PHOTOMETRIC DATA (MEASURED):

<p>CREE LED</p> <p>LED CMT19xx FWHM / FWTM 26.0° / 44.0° Efficiency 90 % Peak intensity 3.5 cd/lm LEDs/each optic 1 Light colour White</p> <p>Required components: C13658_CLAMP-VERO13-18 Bender Wirth: 477 Typ L1</p>		
<p>CREE LED</p> <p>LED CMT28xx FWHM / FWTM 35.0° / 61.0° Efficiency 85 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour White</p> <p>Required components: C13584_CLAMP-VERO29 Bender Wirth: 471 Typ L3</p>		
<p>CREE LED</p> <p>LED CXA/B 15xx FWHM / FWTM 17.0° / 30.0° Efficiency 91 % Peak intensity 7.6 cd/lm LEDs/each optic 1 Light colour White</p> <p>Required components: C14123_CLAMP-CXA15-18</p>		
<p>LUMILEDS</p> <p>LED LUXEON CoB 1204HD FWHM / FWTM 18.0° / 31.0° Efficiency 89 % Peak intensity 7.1 cd/lm LEDs/each optic 1 Light colour White</p> <p>Required components: TE Connectivity: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		

PHOTOMETRIC DATA (MEASURED):

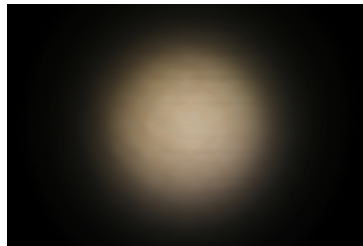
OSRAM

LED PrevaLED Core G7 L15 H1
 FWHM / FWTM 26.0° / 48.0°
 Efficiency 89 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16685_CLAMP-PRV-A



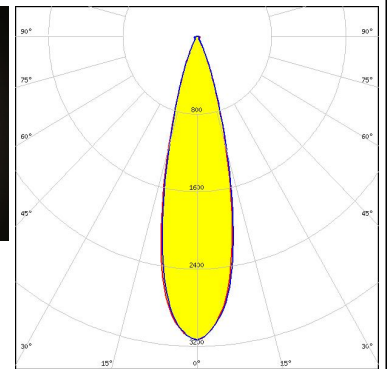
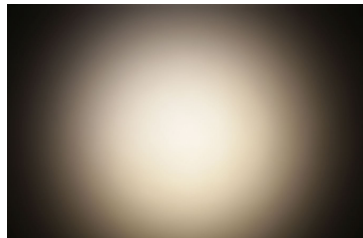
PHILIPS

LED Fortimo SLM L13 CoB
 FWHM / FWTM 24.0° / 42.0°
 Efficiency 89 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



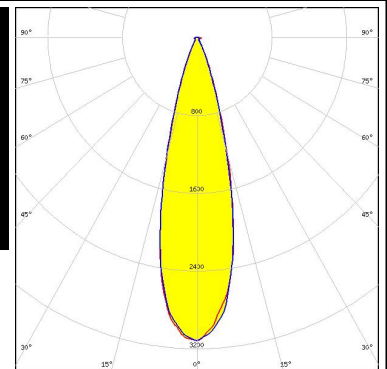
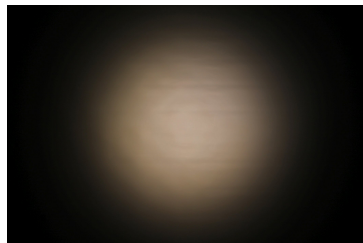
PHILIPS

LED Fortimo SLM L15 + SLM holder
 FWHM / FWTM 26.0° / 47.0°
 Efficiency 88 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



PHILIPS

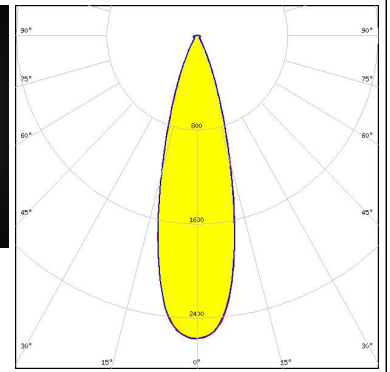
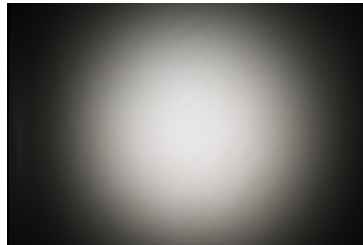
LED Fortimo SLM L15 CoB
 FWHM / FWTM 27.0° / 47.0°
 Efficiency 88 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (MEASURED):

XICATO

LED XTM - 19mm LES
FWHM / FWTM 28.0° / 52.0°
Efficiency 89 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16491_XTM-ADAPTER-50-A



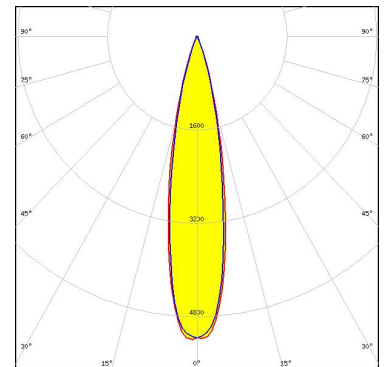
PHOTOMETRIC DATA (SIMULATED):



LED V9 HD
FWHM / FWTM 16.0° / 26.0°
Efficiency 91 %
Peak intensity 10.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 496 Typ L1

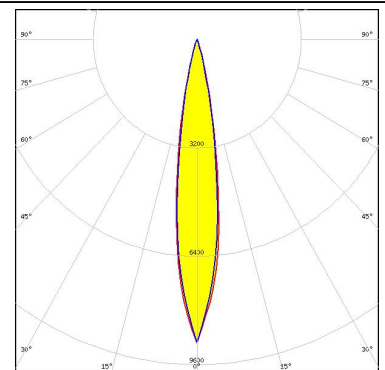


LED VERO13
FWHM / FWTM 21.0° / 39.0°
Efficiency 90 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C13658_CLAMP-VERO13-18

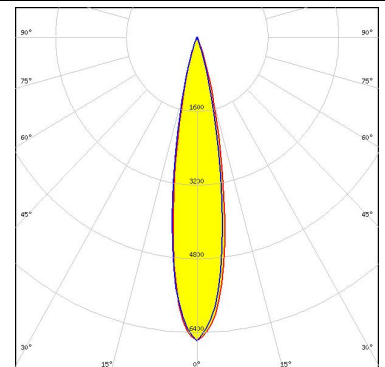


CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM / FWTM 16.0° / 30.0°
Efficiency 87 %
Peak intensity 8.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 434 Typ L1



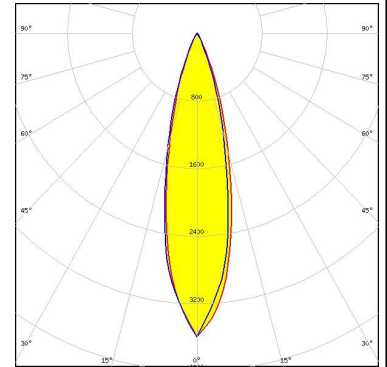
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM / FWTM 19.0° / 34.0°
Efficiency 89 %
Peak intensity 6.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C14123_CLAMP-CXA15-18



PHOTOMETRIC DATA (SIMULATED):



LED CXA/B 25xx
FWHM / FWTM 25.0° / 47.0°
Efficiency 85 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14036_CLAMP_CXA25-30



LED LUXEON CoB 1205HD
FWHM / FWTM 19.0° / 33.0°
Efficiency 86 %
Peak intensity 6.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 480 Typ L1



LED CTM-18 (Tunable White)
FWHM / FWTM 23.0° / 47.0°
Efficiency 78 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18

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.

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