

MOLLY-W

~60° wide beam



TECHNICAL SPECIFICATIONS:

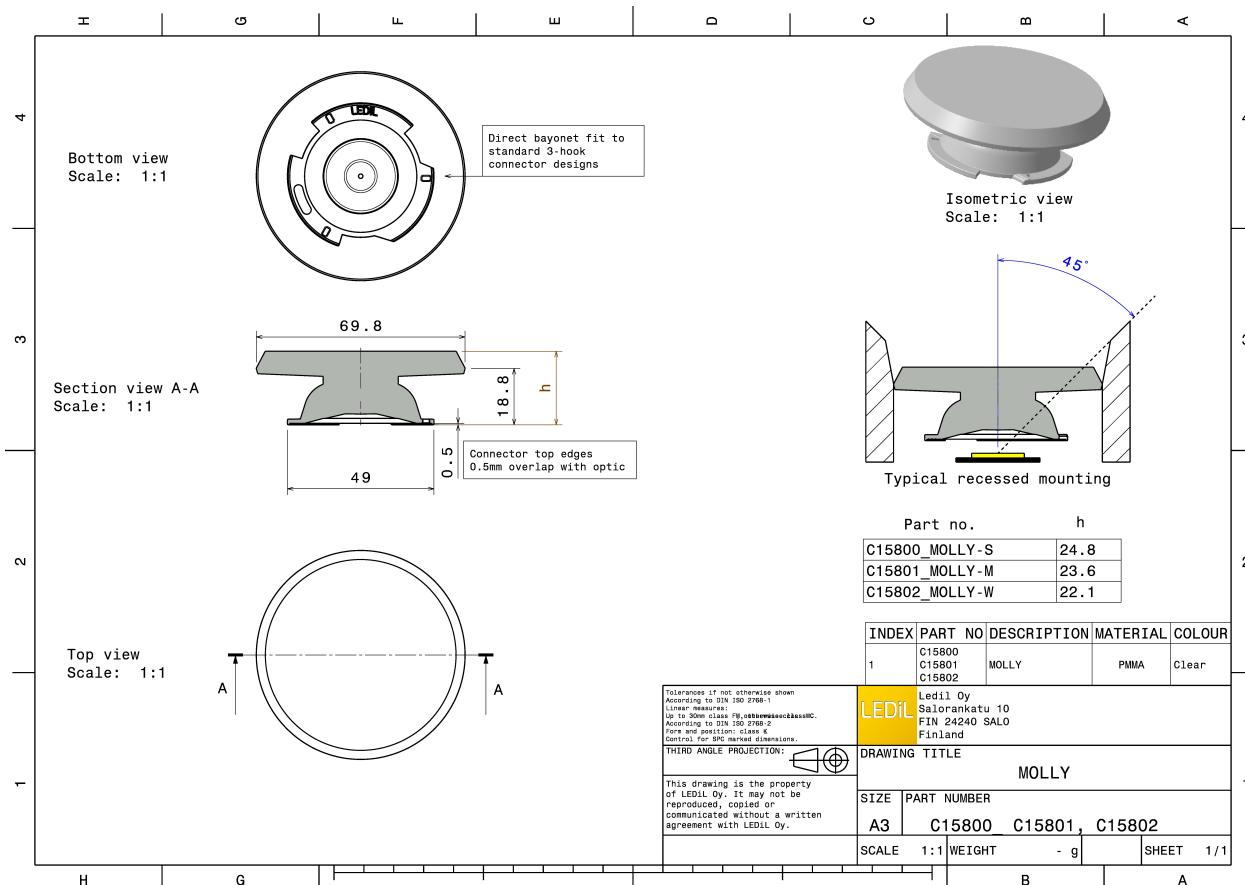
Dimensions	Ø 69.8 mm
Height	22.1 mm
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15802_MOLLY-W	198	36	18	8.1
» Box size: 476 x 273 x 292 mm				

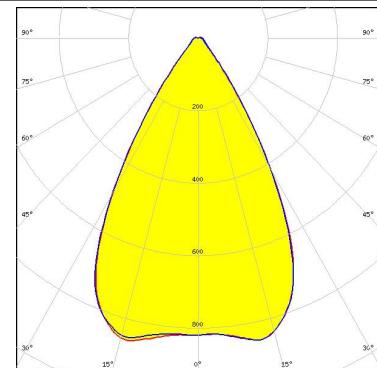
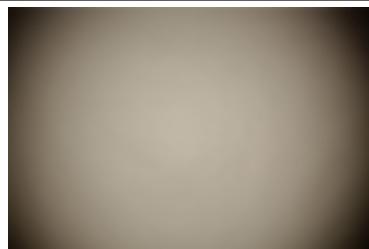


See also our general installation guide: www.ledil.com/installation_guide

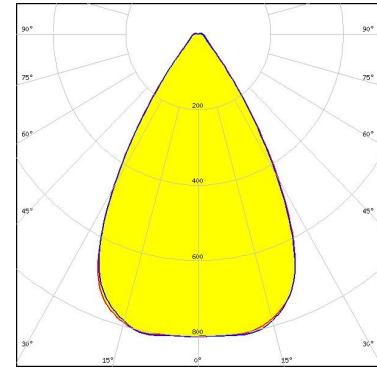
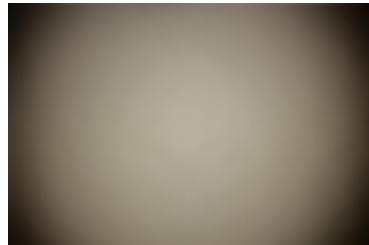
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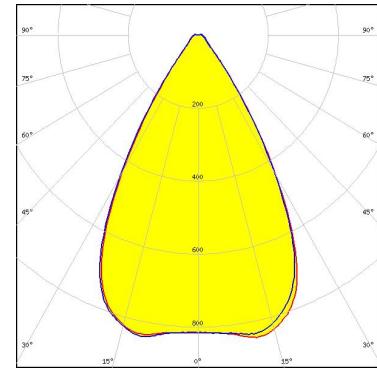
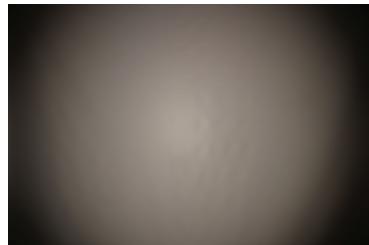
LED Vero SE 13
FWHM 62.0°
Efficiency 90 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C16402_CLAMP-VEROSE-13-18



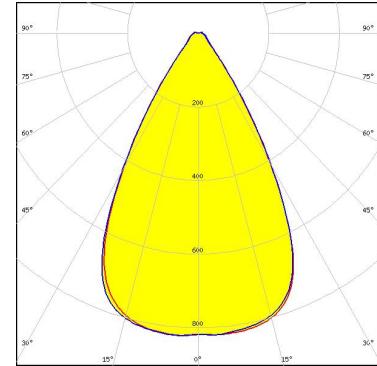
LED Vero SE 18
FWHM 62.0°
Efficiency 90 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C16402_CLAMP-VEROSE-13-18



LED Vesta TW 15mm DP
FWHM 61.0°
Efficiency 90 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 482 Typ L2



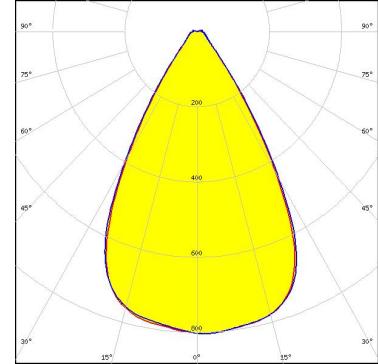
LED Vesta TW 18mm (31W) DP
FWHM 60.0°
Efficiency 89 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
 C13584_CLAMP-VERO29
 Bender Wirth: 483 Typ L3



PHOTOMETRIC DATA (MEASURED):

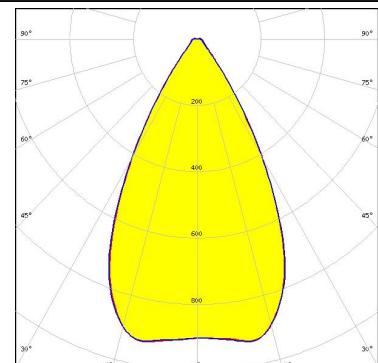


LED	Vesta TW 22mm DP
FWHM	61.0°
Efficiency	88 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	Tunable White
Required components:	
	C13584_CLAMP-VERO29
	Bender Wirth: 494 Typ L3



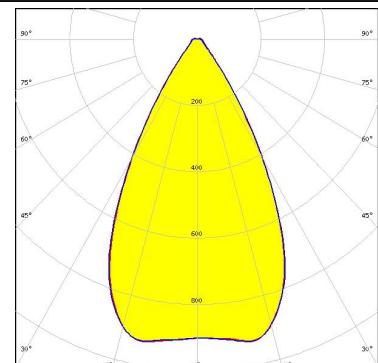
CITIZEN

LED	CLL03x/CLU03x
FWHM	61.0°
Efficiency	89 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	Bender Wirth: 433 Typ L1



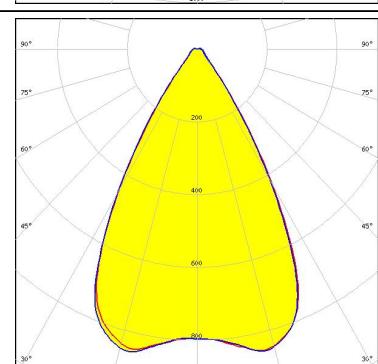
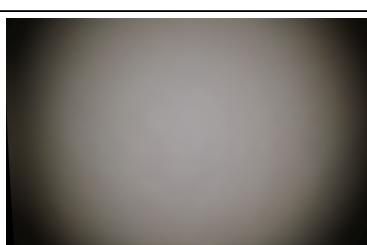
CITIZEN

LED	CLL03x/CLU03x
FWHM	58.0°
Efficiency	90 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	C16791_CLAMP-Z45-A
	TE: 2325807-3



CITIZEN

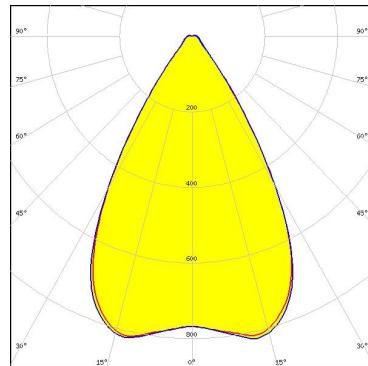
LED	LCN-C02B (Tunable White)
FWHM	62.0°
Efficiency	89 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	C13658_CLAMP-VERO13-18
	Bender Wirth: 481 Typ L2



PHOTOMETRIC DATA (MEASURED):

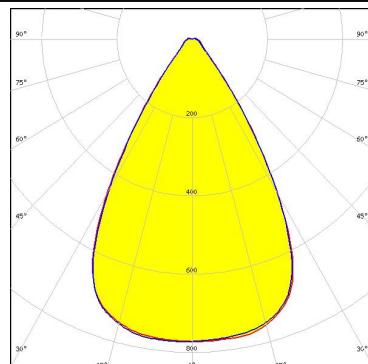
CREE

LED CMA1840
 FWHM 64.0 + °
 Efficiency 91 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14123_CLAMP-CXA15-18



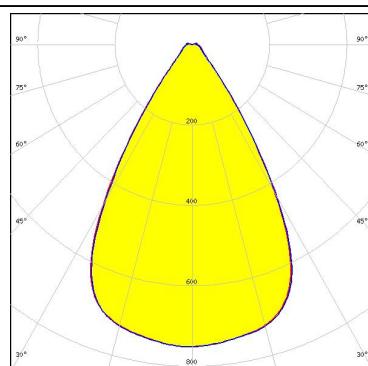
CREE

LED CMA2550
 FWHM 63.0°
 Efficiency 89 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14036_CLAMP_CXA25-30



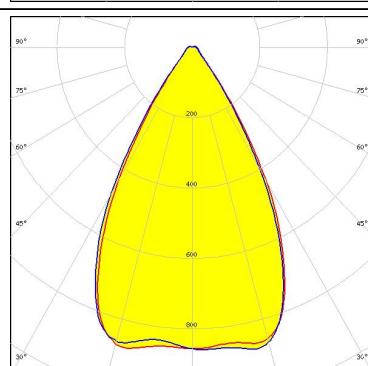
CREE

LED CMA3090
 FWHM 64.0°
 Efficiency 89 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14036_CLAMP_CXA25-30



CREE

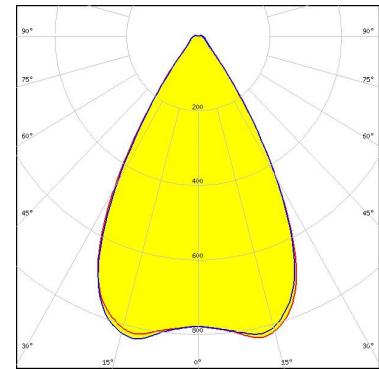
LED CMT14xx
 FWHM 60.0°
 Efficiency 90 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 434 Typ L1



PHOTOMETRIC DATA (MEASURED):

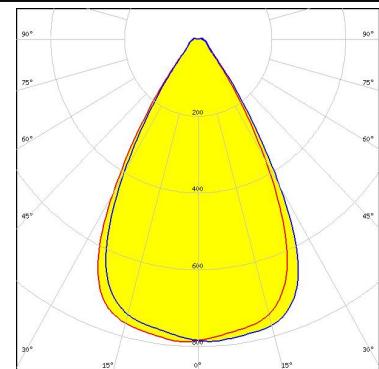
CREE

LED CMT19xx
 FWHM 61.0°
 Efficiency 90 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 477 Typ L1



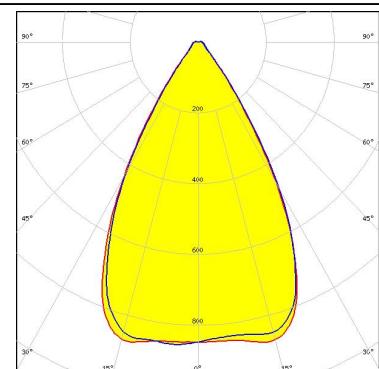
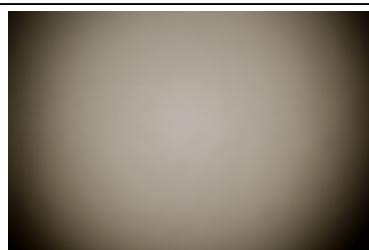
CREE

LED CMT28xx
 FWHM 61.0°
 Efficiency 88 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13584_CLAMP-VERO29
 Bender Wirth: 471 Typ L3



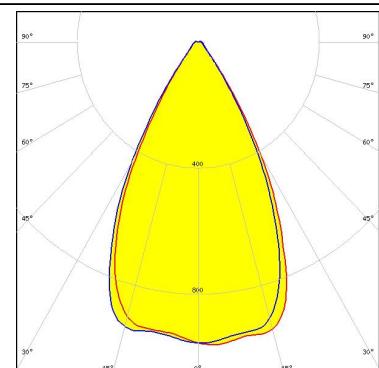
CREE

LED CXA/B 15xx
 FWHM 61.0°
 Efficiency 90 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14123_CLAMP-CXA15-18

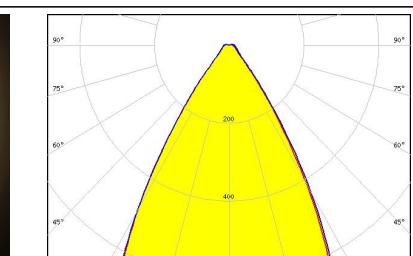
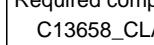
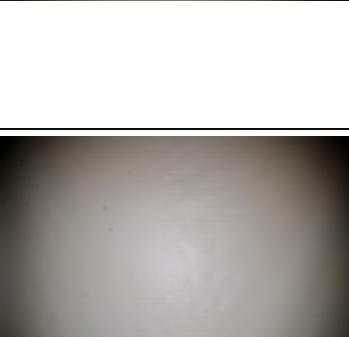
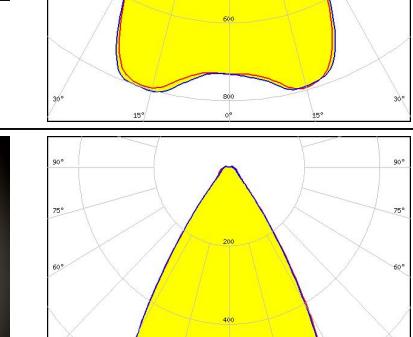
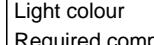
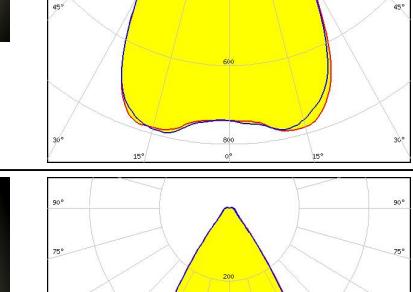
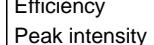
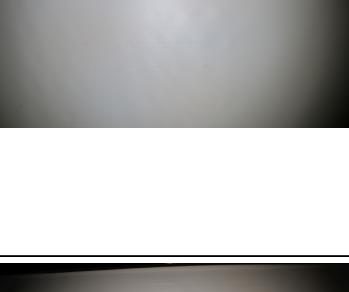
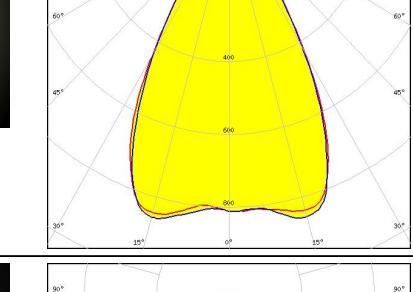
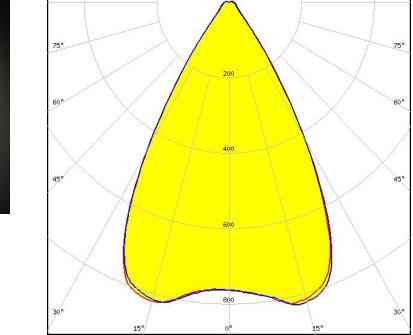


LUMILEDS

LED LUXEON CoB 1204HD
 FWHM 57.0°
 Efficiency 89 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



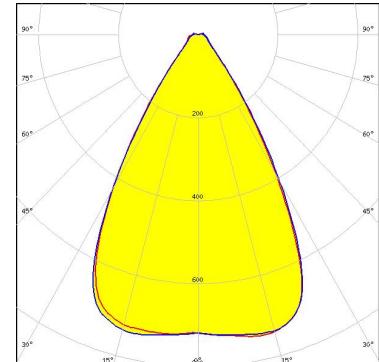
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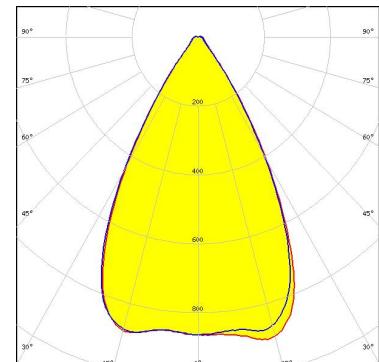
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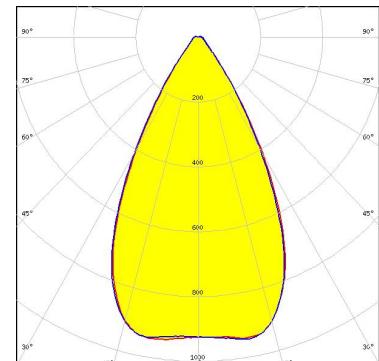
LED CTM-22 (Tunable White)
 FWHM 62.0°
 Efficiency 87 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13584_CLAMP-VERO29
 Bender Wirth: 494 Typ L3



LED NVCWJ024Z-V1MT: COB J-Type Tunable White
 FWHM 60.0°
 Efficiency 89 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 498 Typ L2



LED PrevalLED Core G7 L15 H1
 FWHM 57.0°
 Efficiency 90 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16685_CLAMP-PRV-A



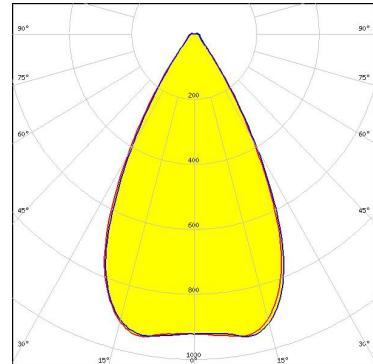
LED Fortimo SLM L13 CoB
 FWHM 60.0°
 Efficiency 89 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (MEASURED):

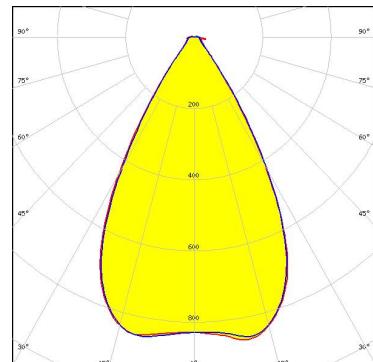
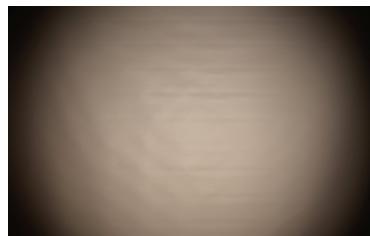
PHILIPS

LED Fortimo SLM L15 + SLM holder
 FWHM 57.0°
 Efficiency 89 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



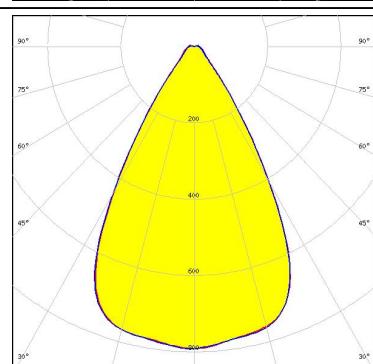
PHILIPS

LED Fortimo SLM L15 CoB
 FWHM 60.0°
 Efficiency 88 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



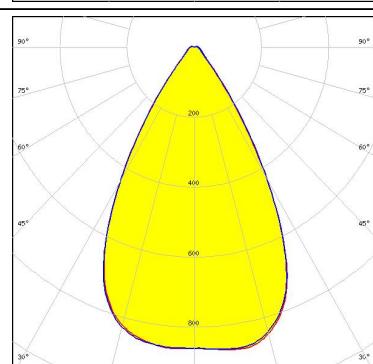
SAMSUNG

LED LC035T (Tunable white)
 FWHM 62.0°
 Efficiency 89 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C13584_CLAMP-VERO29
 Bender Wirth: 502 Typ L3



XICATO

LED XTM - 19mm LES
 FWHM 60.0°
 Efficiency 90 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16491_XTM-ADAPTER-50-A



PHOTOMETRIC DATA (SIMULATED):



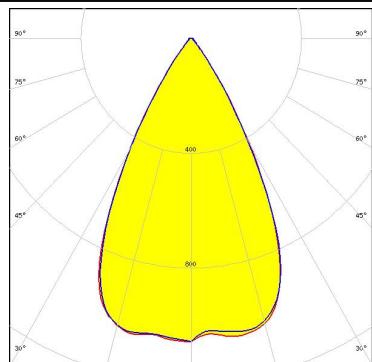
LED V9 HD
FWHM 58.0°
Efficiency 90 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White

Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 496 Typ L1



LED VERO13
FWHM 55.0°
Efficiency 90 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White

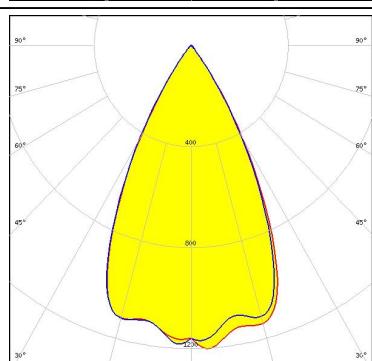
Required components:
C13658_CLAMP-VERO13-18



CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 54.0°
Efficiency 89 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White

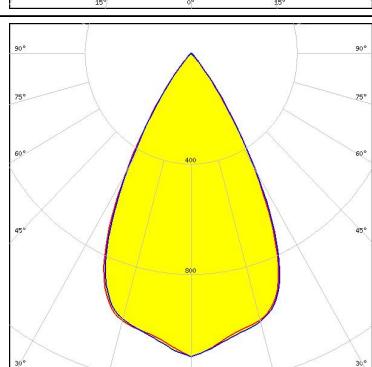
Required components:
Bender Wirth: 434 Typ L1



CREE

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 58.0°
Efficiency 90 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White

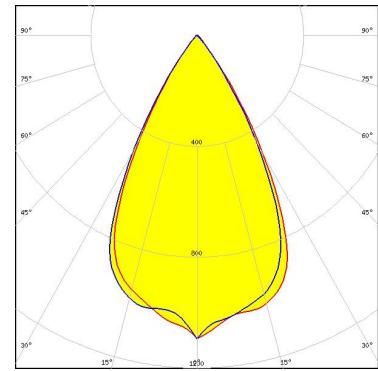
Required components:
C14123_CLAMP-CXA15-18



PHOTOMETRIC DATA (SIMULATED):

CREE 

LED CXA/B 25xx
FWHM 57.0°
Efficiency %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14036_CLAMP_CXA25-30



LUMINUS 

LED CTM-18 (Tunable White)
FWHM 54.0°
Efficiency 80 %
Peak intensity 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.

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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LEDiL Oy
Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

**Ledil Optics Technology
(Shenzhen) Co., Ltd.**
405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

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[C15802_MOLLY-W](#)