

RONDA-WAS

Asymmetric beam for wall washing with holder
A compatible with 3rd party connectors from TE,
Bender+Wirth and IDEAL

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.9 mm
Height	21.8 mm
Fastening	socket
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

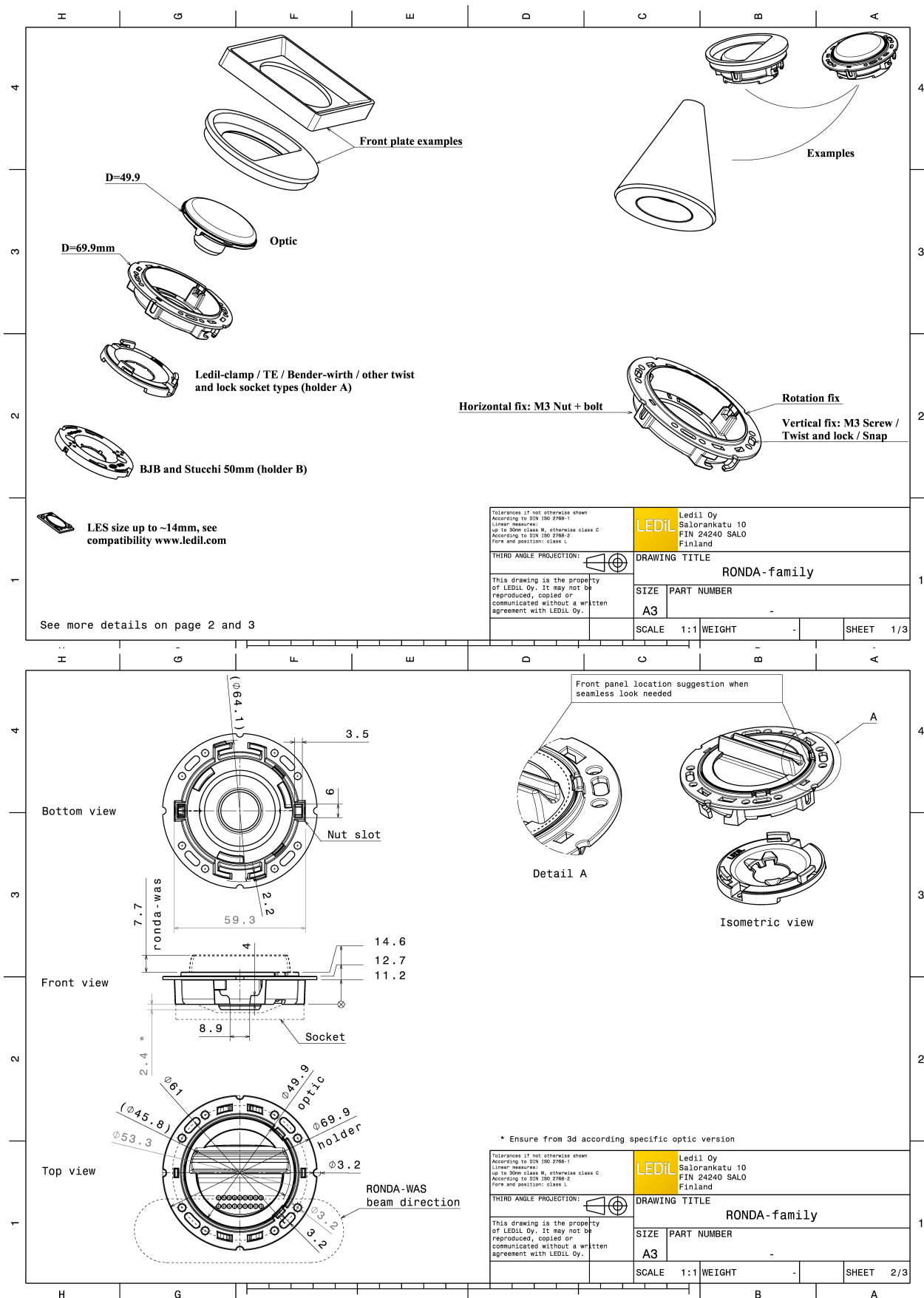
Component	Type	Material	Colour	Finish
F15156_RONDA-WAS	Single lens	PMMA	clear	
F15155_RONDA-HLD-A	Holder	PC	white	

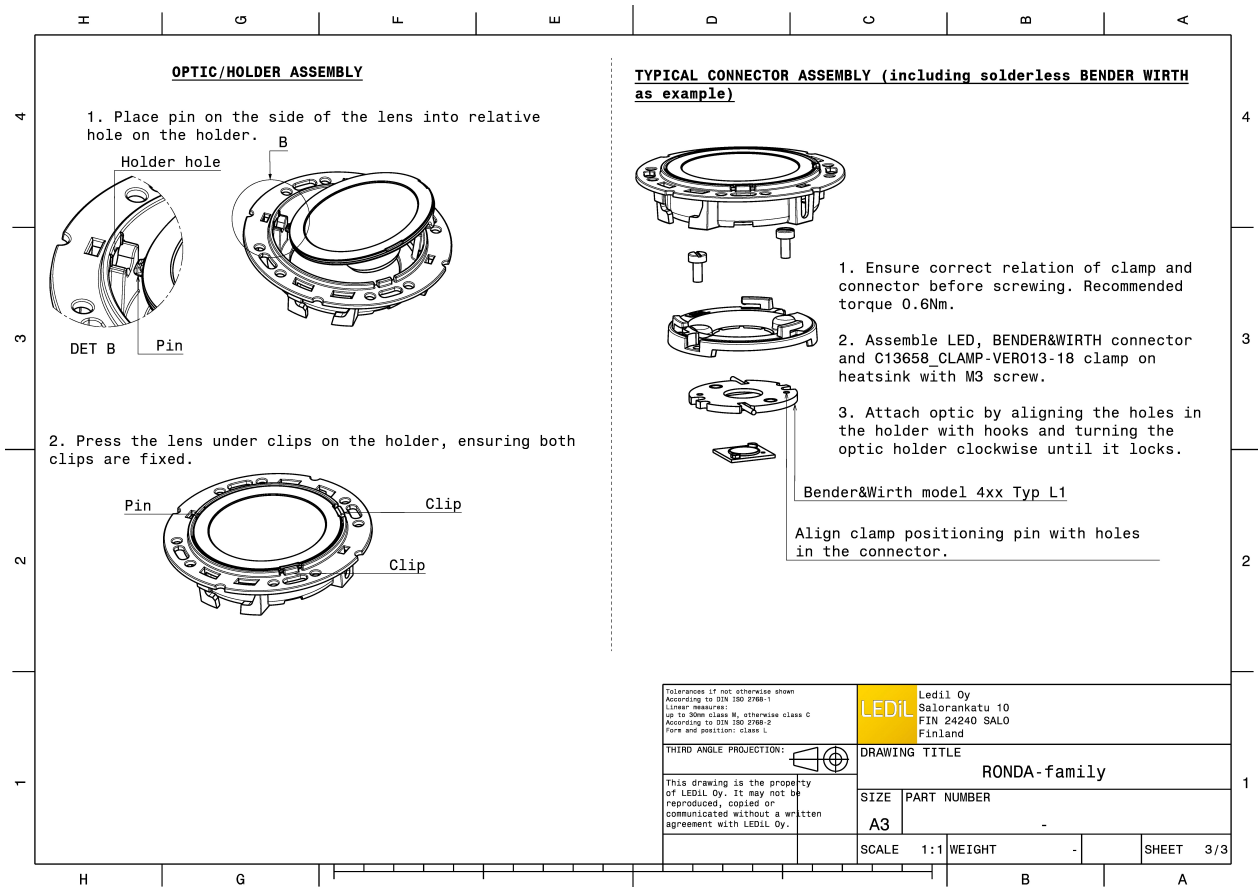
ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
F15156_RONDA-WAS » Box size: 480 x 280 x 300 mm	Single lens	420	120	30	7.3
F15155_RONDA-HLD-A » Box size: 480 x 280 x 300 mm	Holder	420	120	30	4.4



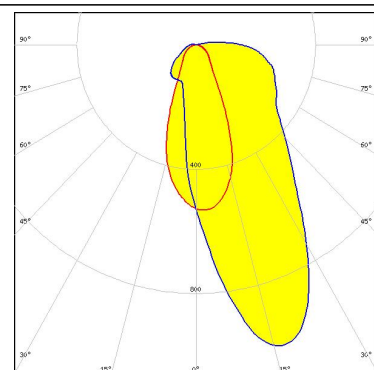


See also our general installation guide: www.ledil.com/installation_guide

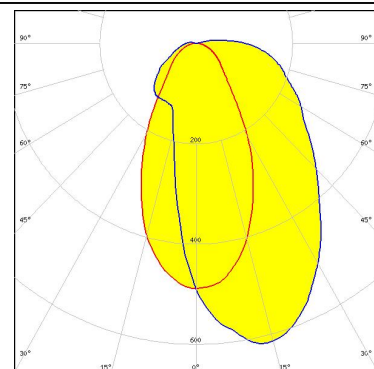
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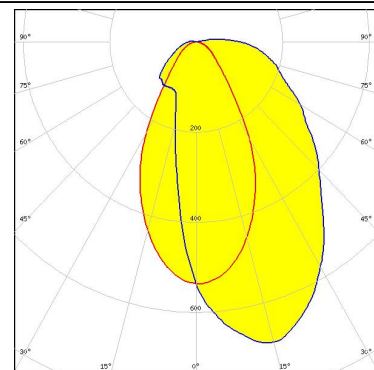
LED V10 Gen7
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 486 Typ L1



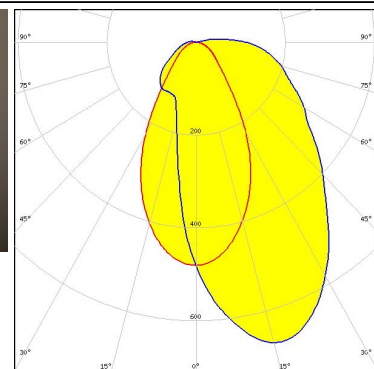
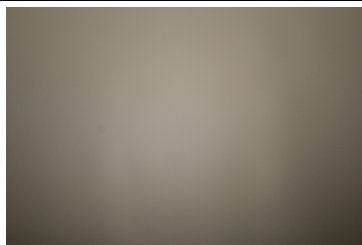
LED V13 Gen7
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE Connectivity: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED Vero SE 13
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16402_CLAMP-VEROSE-13-18



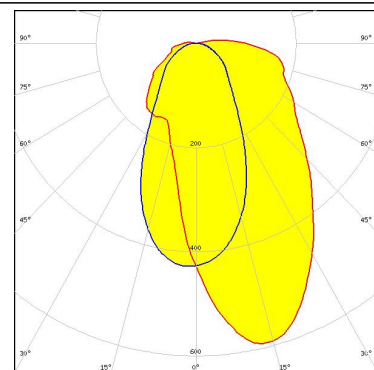
LED VERO13
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18



PHOTOMETRIC DATA (MEASURED):

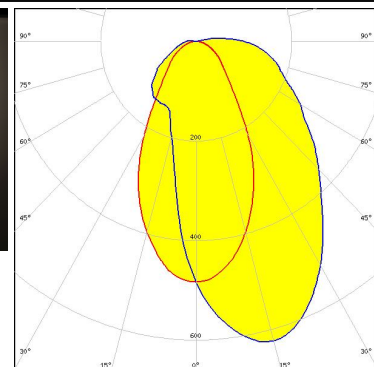
CITIZEN

LED CLL03x/CLU03x
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2103CT + 50-2100AN



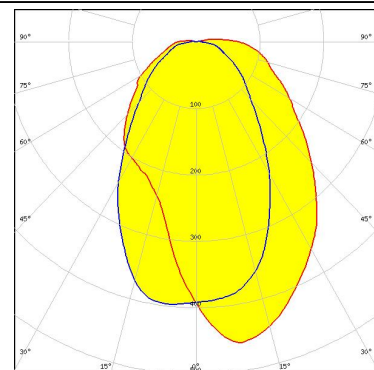
CITIZEN

LED CLL03x/CLU03x
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16791_CLAMP-Z45-A
TE Connectivity: 2325807-3



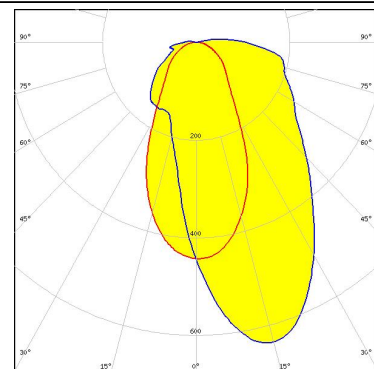
CITIZEN

LED CLL04x/CLU04x
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2204-CT + 50-2100AN



CITIZEN

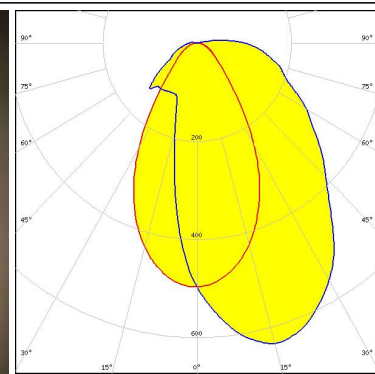
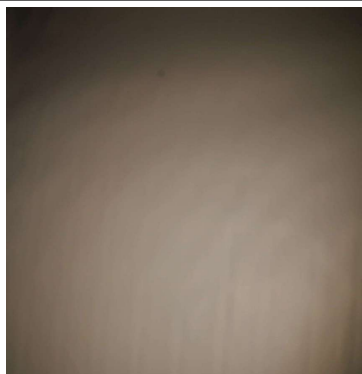
LED CLU730/731
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2204-CT + 50-2100AN



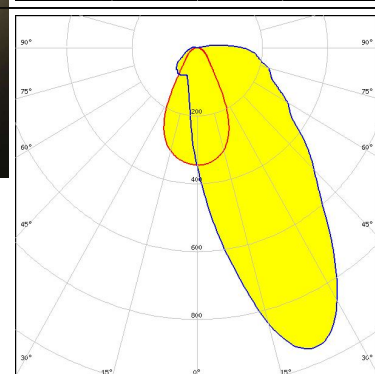
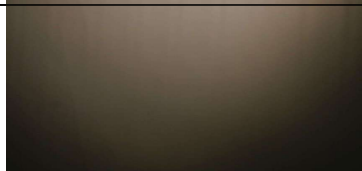
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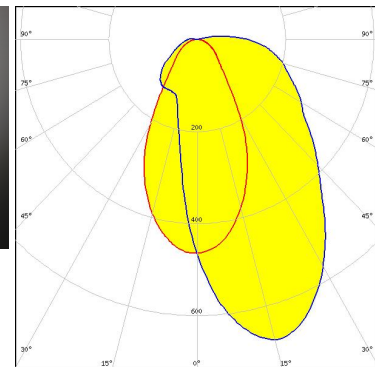
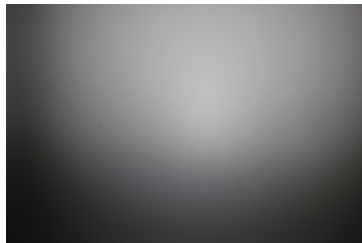
LED CMA1840
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14123_CLAMP-CXA15-18



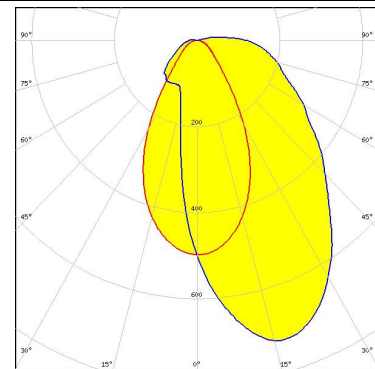
LED CXA/B 15xx
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14123_CLAMP-CXA15-18



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE Connectivity: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



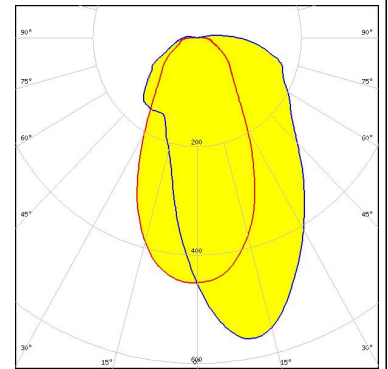
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14123_CLAMP-CXA15-18



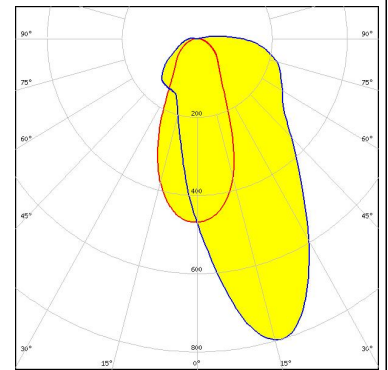
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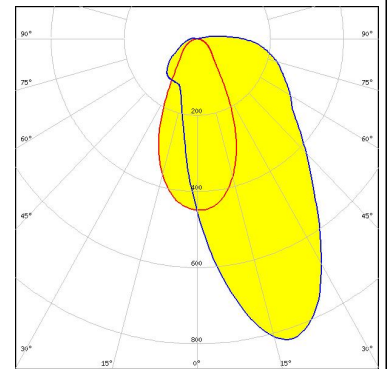
LED COB J-Type
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2103NC + 50-2100AN



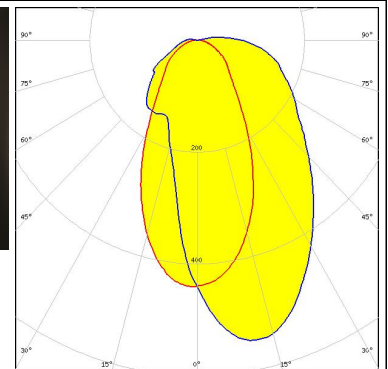
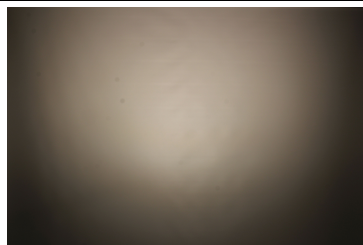
LED COB L-Type (LES 11)
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2100NC + 50-2100AN



LED COB L-Type (LES 11)
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE Connectivity: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED PrevaLED Core G7 L15 H1
FWHM / FWTM Asymmetric
Efficiency 78 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16685_CLAMP-PRV-A



PHOTOMETRIC DATA (MEASURED):

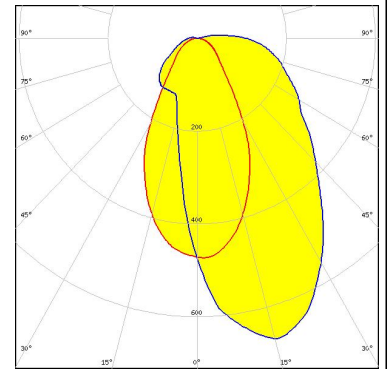
OSRAM

Opto Semiconductors

LED Soleriq S13 19x19
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White

Required components:

TE Connectivity: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



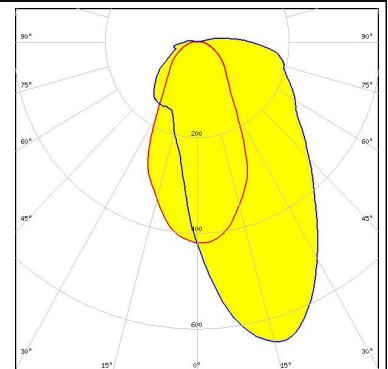
OSRAM

Opto Semiconductors

LED Soleriq S13 19x19
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White

Required components:

IDEAL: 50-2103CT + 50-2100AN

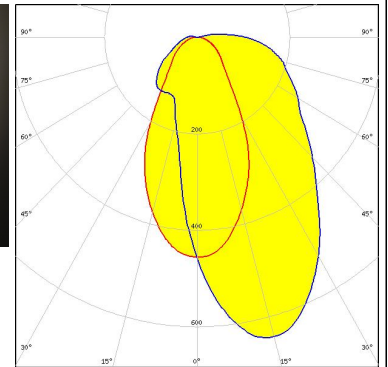
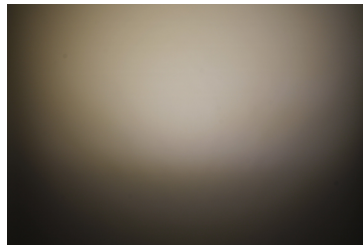


PHILIPS

LED Fortimo SLM L13 + SLM holder
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White

Required components:

TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1

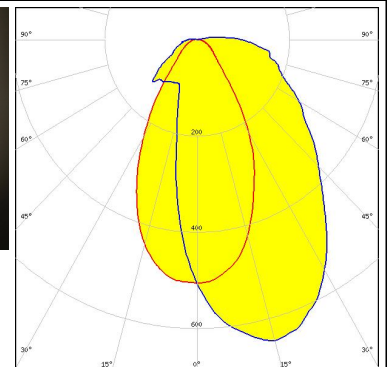


PHILIPS

LED Fortimo SLM L13 CoB
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White

Required components:

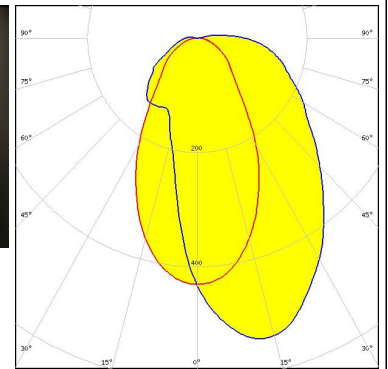
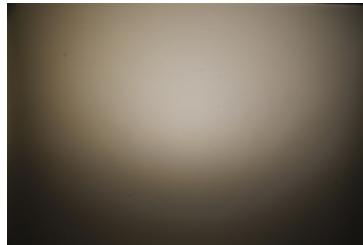
TE Connectivity: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (MEASURED):

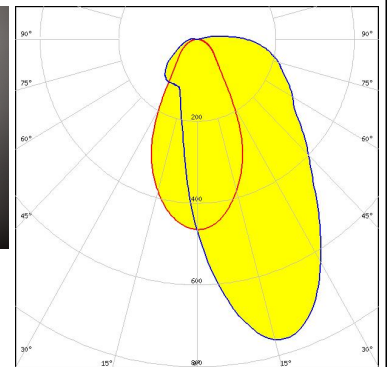
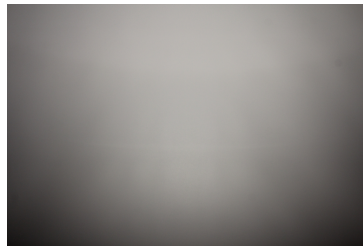
PHILIPS

LED Fortimo SLM L15 + SLM holder
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1

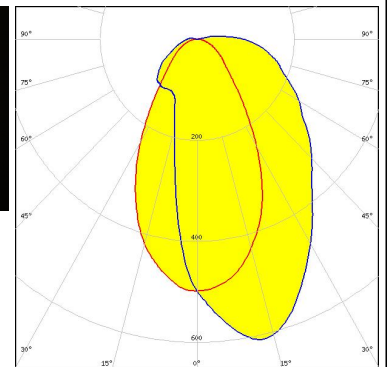
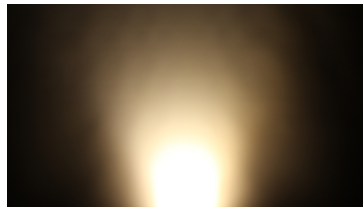


SAMSUNG

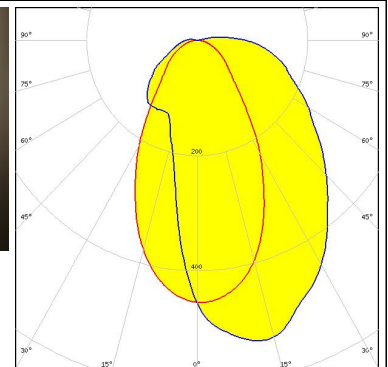
LED LC040C
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE Connectivity: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED AC Zhaga COB
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Optosource: SEHSMJD-A



LED MJT COB LES 14.5
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE Connectivity: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



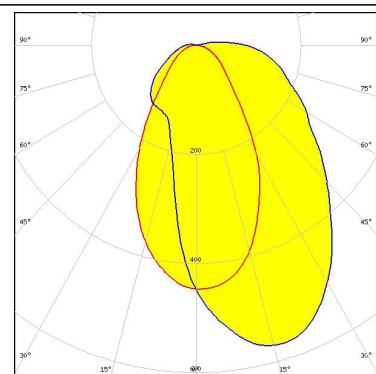
PHOTOMETRIC DATA (MEASURED):



LED WU-M-484
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White

Required components:

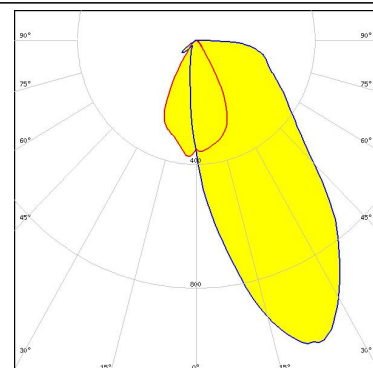
TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



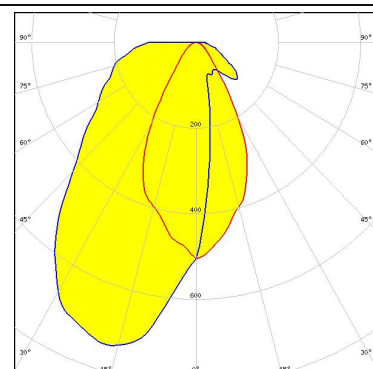
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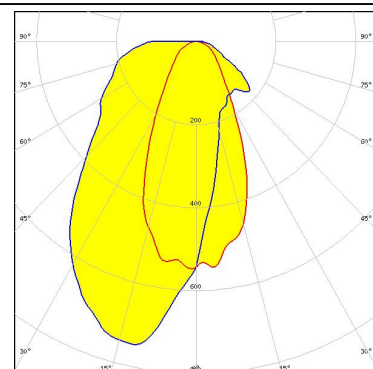
LED V10 Gen6
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14123_CLAMP-CXA15-18



LED V13 Gen7
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 477 Typ L1

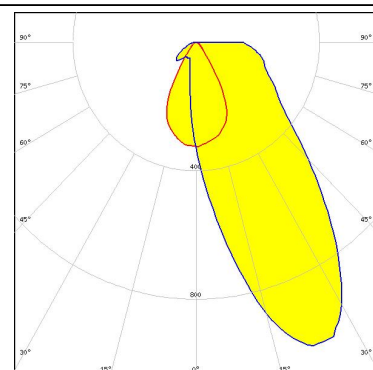


LED V13 Gen7
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2103CT + 50-2100AN



CITIZEN

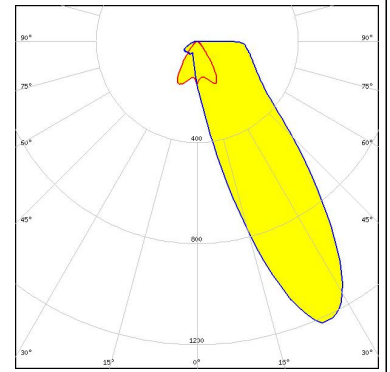
LED CLL02x/CLU02x (LES10)
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 434 Typ L1



PHOTOMETRIC DATA (SIMULATED):

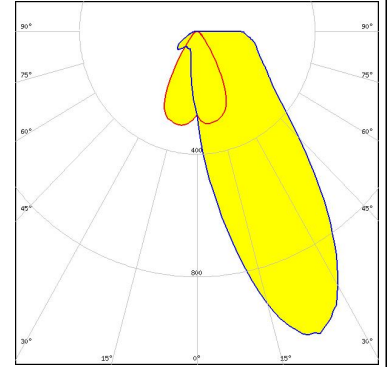
CITIZEN

LED CLU700/701/702
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 434 Typ L1



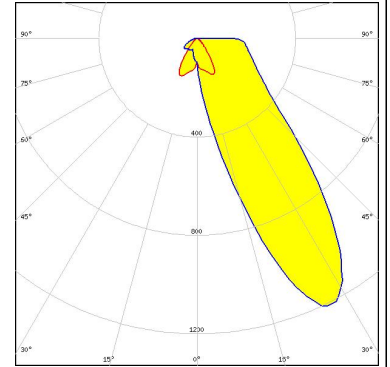
CITIZEN

LED CLU710/711
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 470 Typ L1



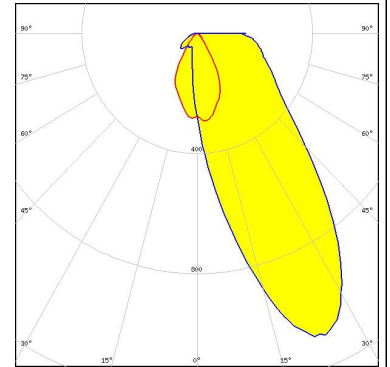
CREE LED

LED CXA/B 13xx
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 448 Typ L1



CREE LED

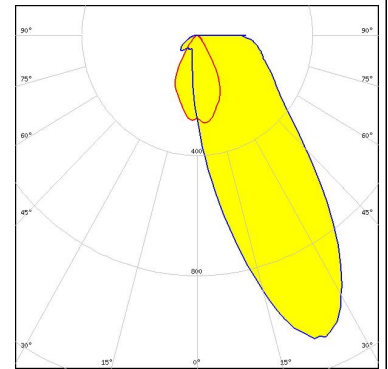
LED CXA/B 15xx
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 441 Typ L1



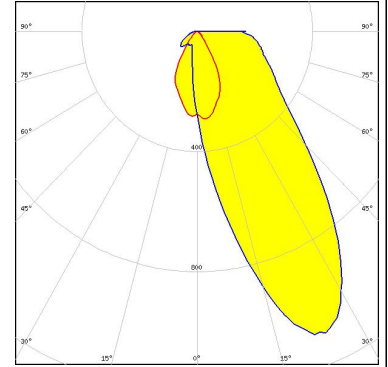
PHOTOMETRIC DATA (SIMULATED):



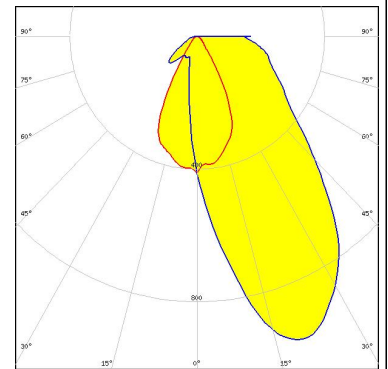
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 437 Typ L1



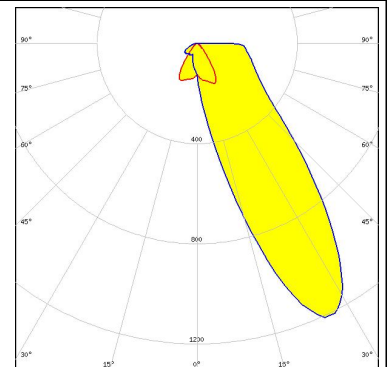
LED CXA/B 1830
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14123_CLAMP-CXA15-18



LED LUXEON CoB 1202/1203
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE Connectivity: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED LUXEON CoB 1202s
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 452 Typ L1



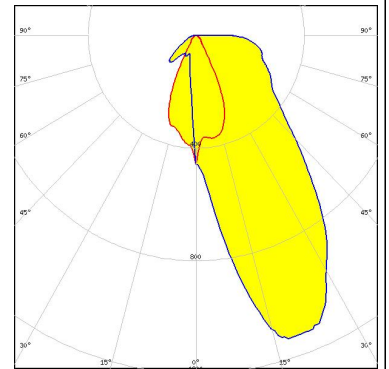
PHOTOMETRIC DATA (SIMULATED):



LED COB L-Type (LES 9)
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White

Required components:

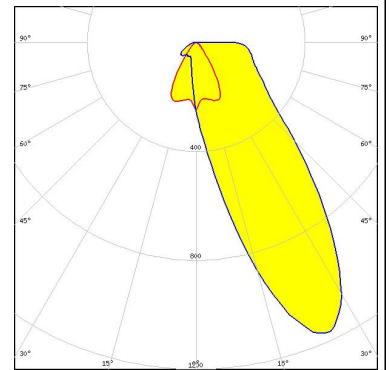
TE Connectivity: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED NSCxL036A
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White

Required components:

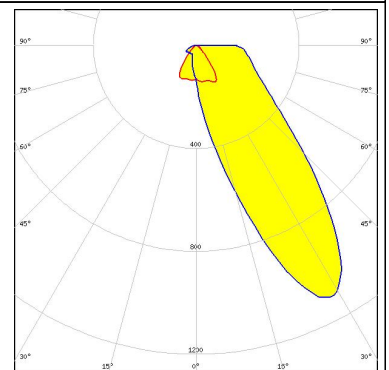
TE Connectivity: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED Duris S10
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White

Required components:

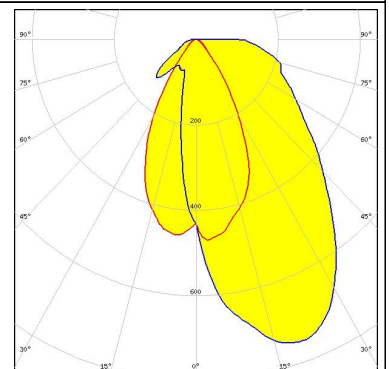
C13658_CLAMP-VERO13-18



LED Soleriq S13
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C14123_CLAMP-CXA15-18



PHOTOMETRIC DATA (SIMULATED):

OSRAM

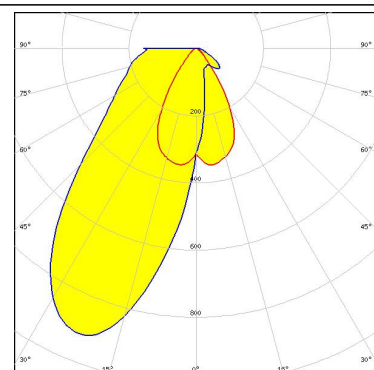
Opto Semiconductors

LED Soleriq S9
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C13658_CLAMP-VERO13-18

Bender Wirth: 434 Typ L1



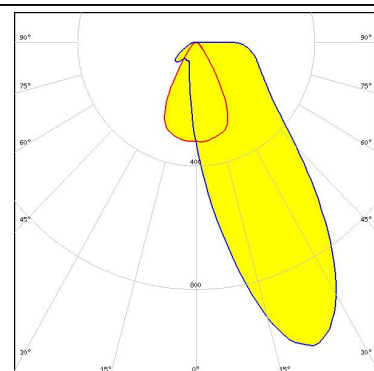
SHARP

LED Mini Zenigata (GW6BM)
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C13658_CLAMP-VERO13-18

Bender Wirth: 452 Typ L1



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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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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