


RONDA-WAS

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

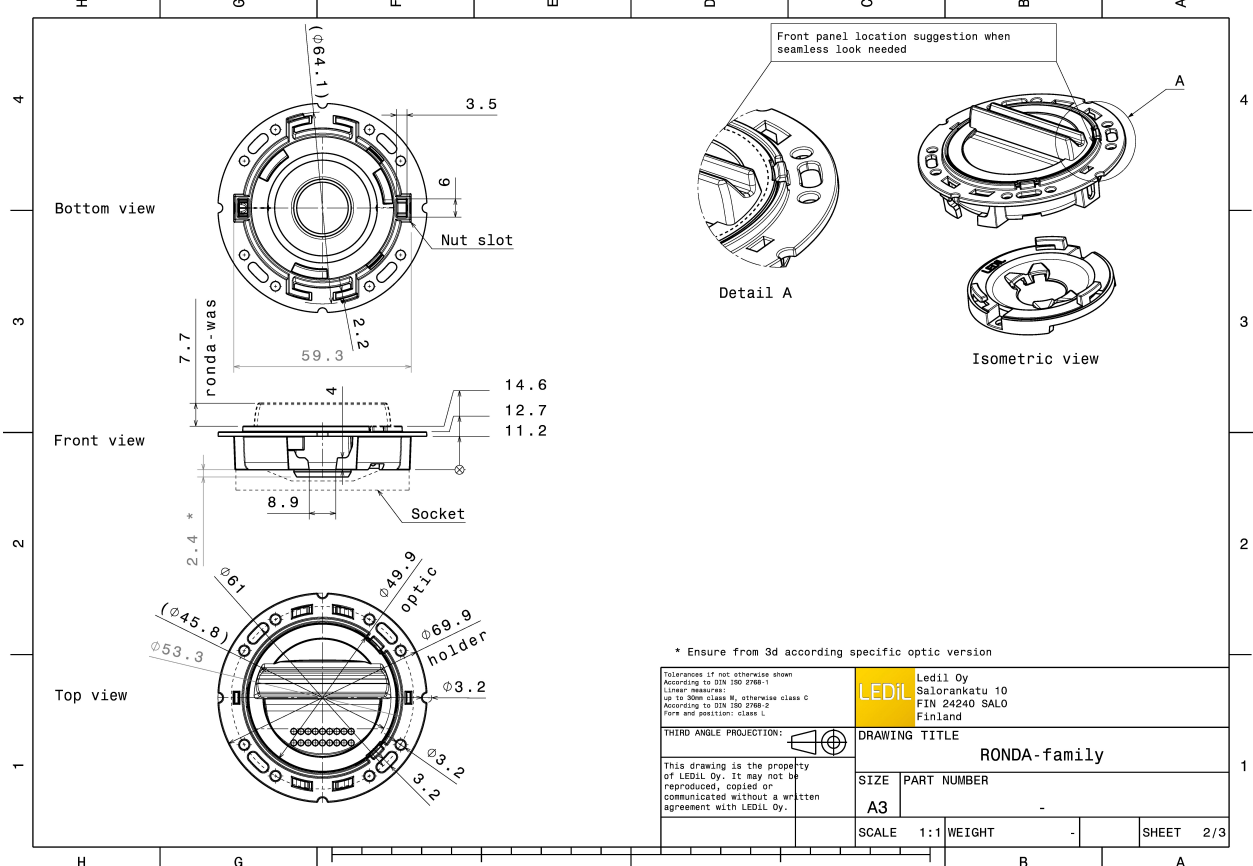
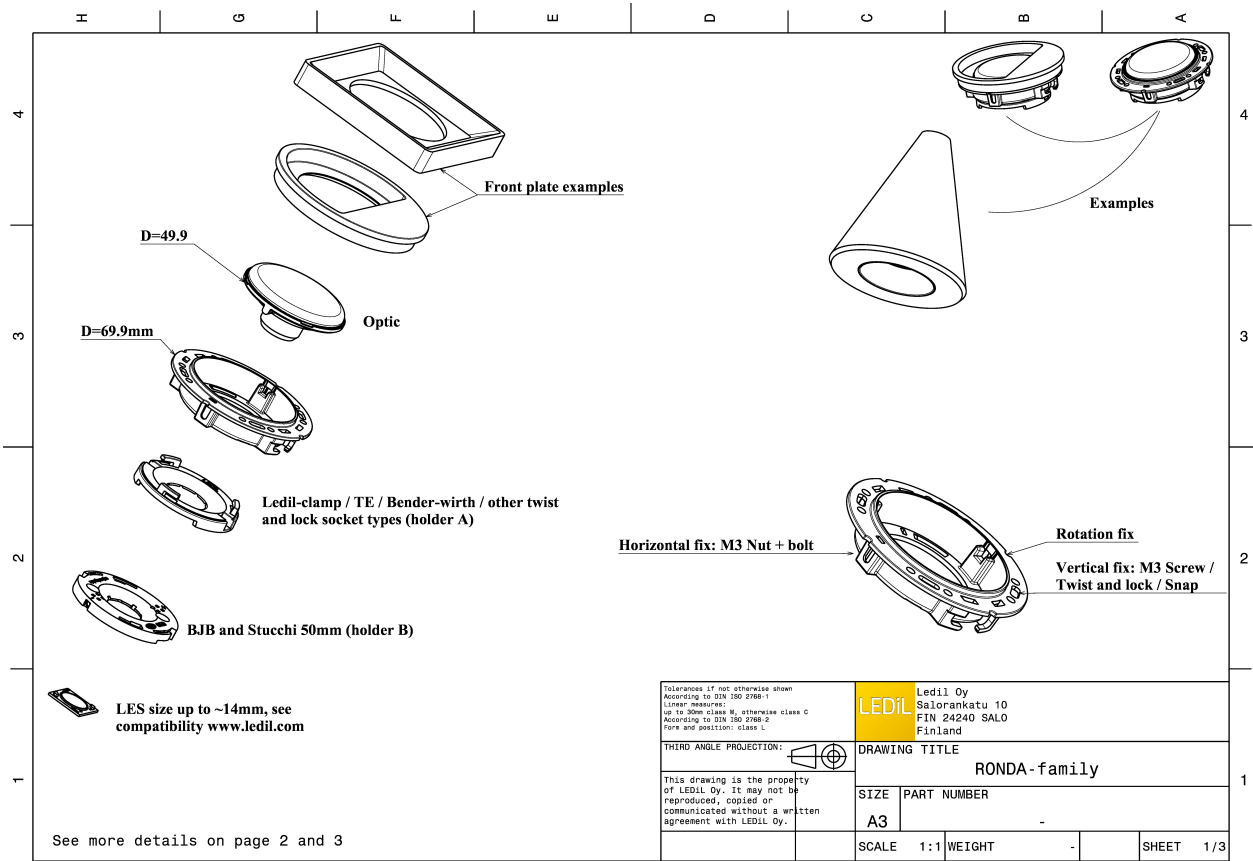
TECHNICAL SPECIFICATIONS:

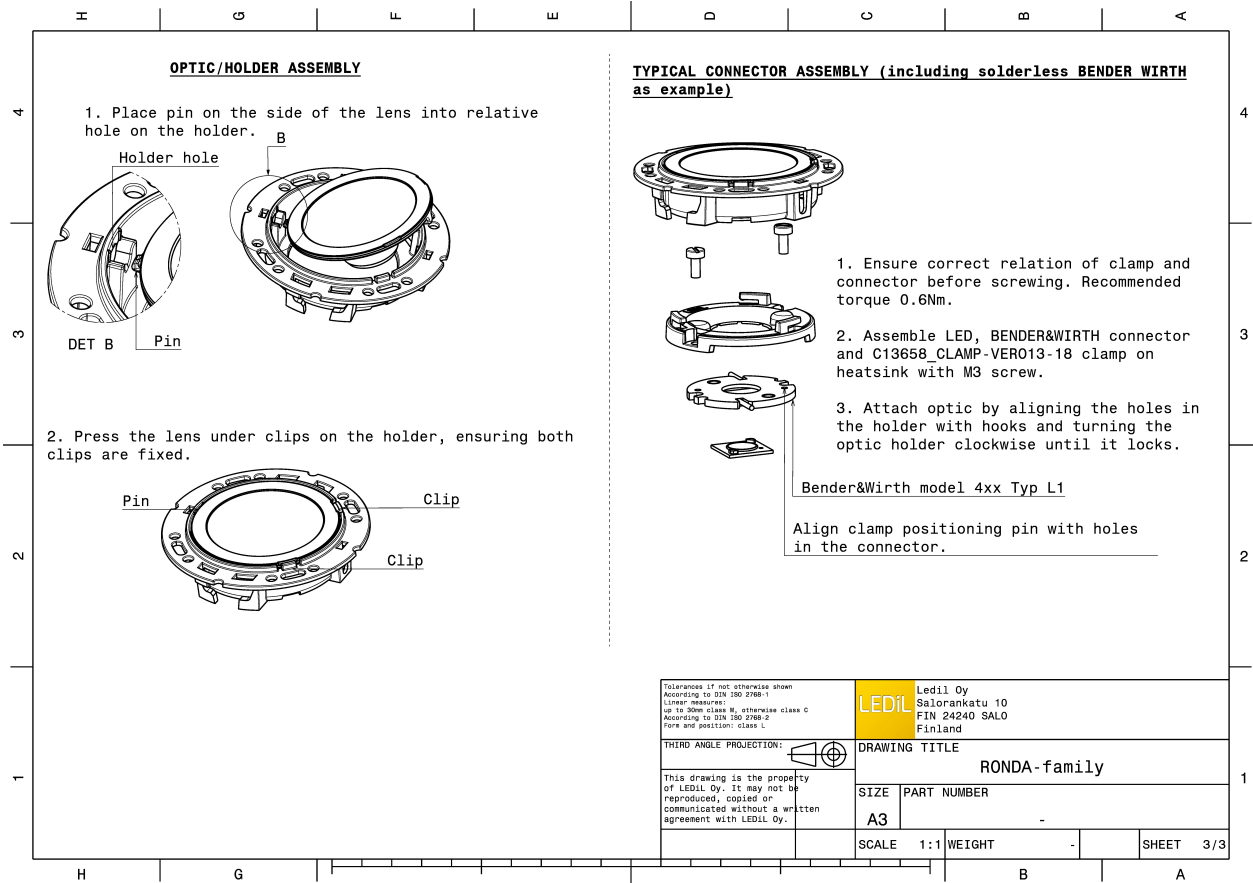
Dimensions	Ø 69.9 mm
Height	21.8 mm
Fastening	socket
Colour	white
Box size	
Box weight	0 kg
Quantity in Box	420 pcs
ROHS compliant	yes 



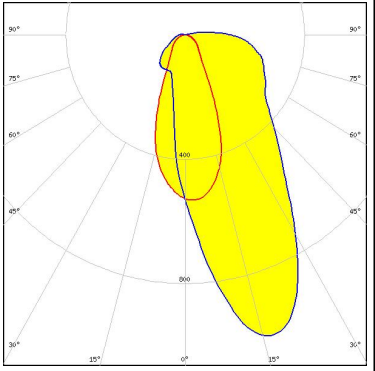
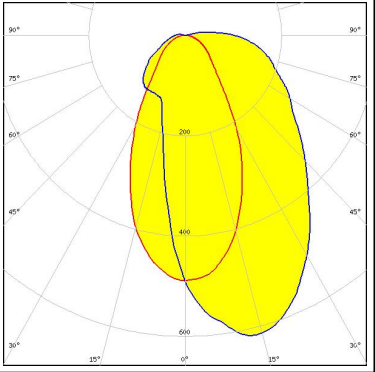
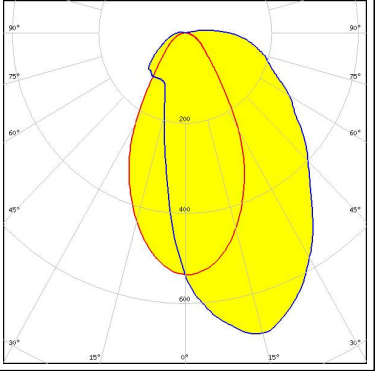
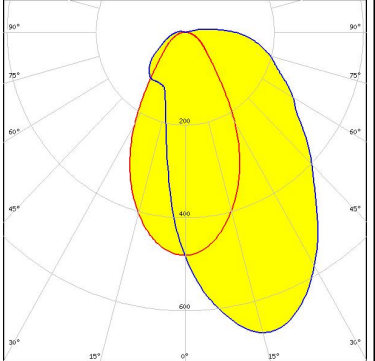
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
RONDA-WAS	Lens	PMMA	clear
RONDA-HLD-A	Holder	PC	white





PHOTOMETRIC DATA (MEASURED):

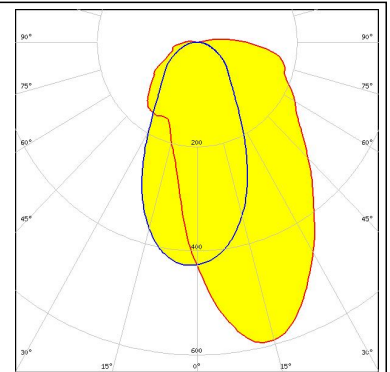
<p>bridgelux.</p> <p>LED V10 Gen7</p> <p>FWHM Asymmetric</p> <p>Efficiency 88 %</p> <p>Peak intensity 1.000 cd/lm</p> <p>Required components: C13658_CLAMP-VERO13-18 Bender Wirth: 486 Typ L1</p>	
<p>bridgelux.</p> <p>LED V13 Gen7</p> <p>FWHM Asymmetric</p> <p>Efficiency 84 %</p> <p>Peak intensity 0.620 cd/lm</p> <p>Required components: TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>	
<p>bridgelux.</p> <p>LED Vero SE 13</p> <p>FWHM Asymmetric</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.700 cd/lm</p> <p>Required components: C16402_CLAMP-VEROSE-13-18</p>	
<p>bridgelux.</p> <p>LED VERO13</p> <p>FWHM Asymmetric</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.680 cd/lm</p> <p>Required components: C13658_CLAMP-VERO13-18</p>	



PHOTOMETRIC DATA (MEASURED):

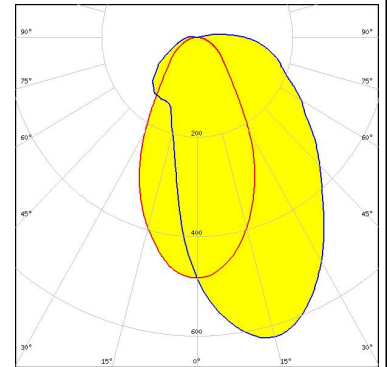
CITIZEN

LED CLL03x/CLU03x
FWHM Asymmetric
Efficiency 84 %
Peak intensity 0.590 cd/lm
Required components:
IDEAL: 50-2103CT + 50-2100AN



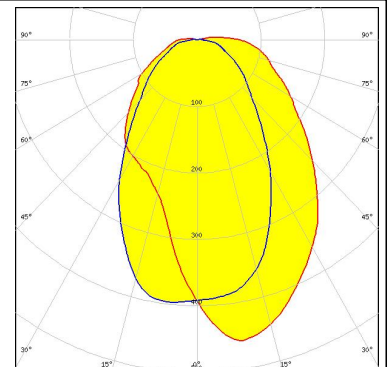
CITIZEN

LED CLL03x/CLU03x
FWHM Asymmetric
Efficiency 87 %
Peak intensity 0.630 cd/lm
Required components:
C16791_CLAMP-Z45-A
TE: 2325807-3



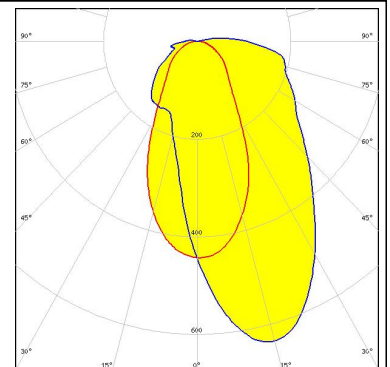
CITIZEN

LED CLL04x/CLU04x
FWHM Asymmetric
Efficiency 84 %
Peak intensity 0.460 cd/lm
Required components:
IDEAL: 50-2204-CT + 50-2100AN



CITIZEN

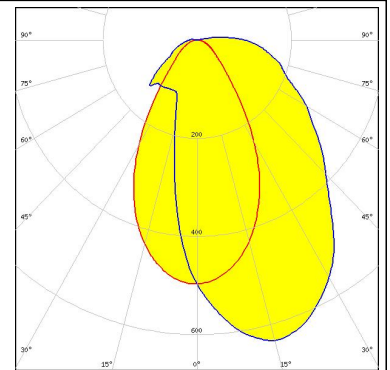
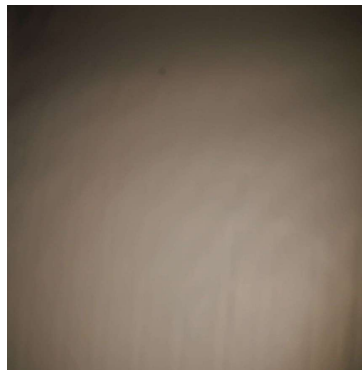
LED CLU730/731
FWHM Asymmetric
Efficiency 85 %
Peak intensity 0.640 cd/lm
Required components:
IDEAL: 50-2204-CT + 50-2100AN



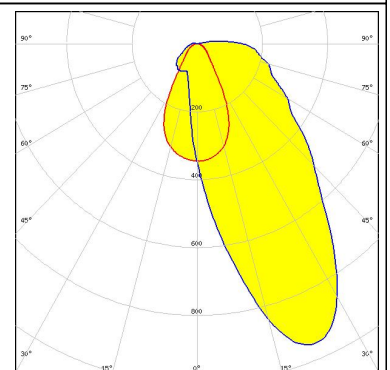
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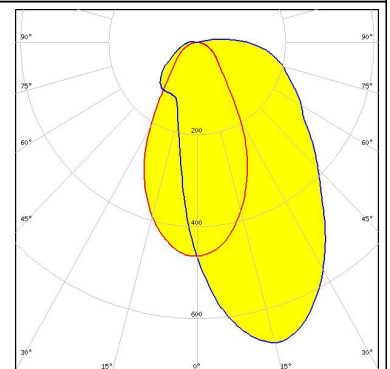
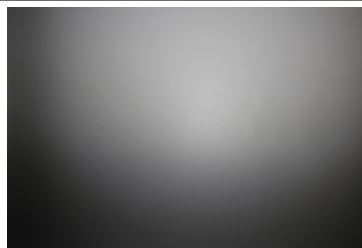
LED CMA1840
 FWHM Asymmetric
 Efficiency 89 %
 Peak intensity 0.640 cd/lm
 Required components:
 C14123_CLAMP-CXA15-18



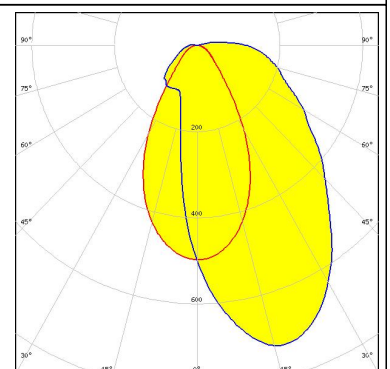
LED CXA/B 15xx
 FWHM Asymmetric
 Efficiency 91 %
 Peak intensity 0.950 cd/lm
 Required components:
 C14123_CLAMP-CXA15-18



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM Asymmetric
 Efficiency 87 %
 Peak intensity 0.680 cd/lm
 Required components:
 TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



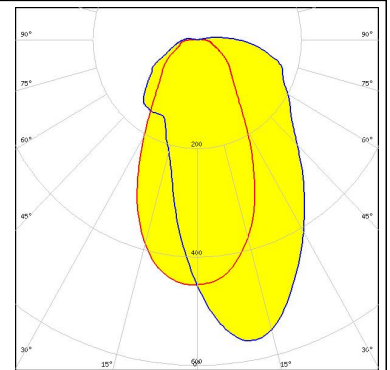
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM Asymmetric
 Efficiency 91 %
 Peak intensity 0.730 cd/lm
 Required components:
 C14123_CLAMP-CXA15-18



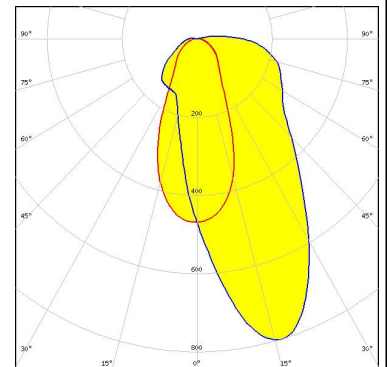
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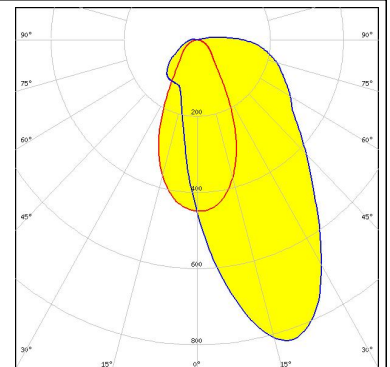
LED COB J-Type
FWHM Asymmetric
Efficiency 83 %
Peak intensity 0.570 cd/lm
Required components:
IDEAL: 50-2103NC + 50-2100AN



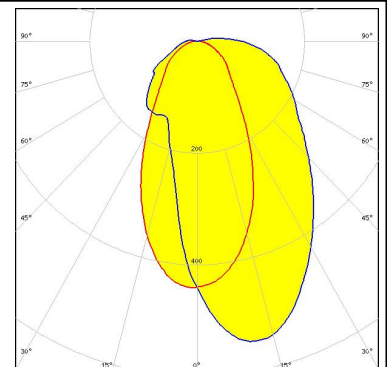
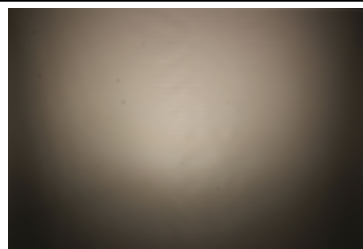
LED COB L-Type (LES 11)
FWHM Asymmetric
Efficiency 84 %
Peak intensity 0.800 cd/lm
Required components:
IDEAL: 50-2100NC + 50-2100AN



LED COB L-Type (LES 11)
FWHM Asymmetric
Efficiency 87 %
Peak intensity 0.830 cd/lm
Required components:
TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED PrevaLED Core G7 L15 H1
FWHM Asymmetric
Efficiency 78 %
Peak intensity 0.550 cd/lm
Required components:
C16685_CLAMP-PRV-A



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED Soleriq S13 Gen2

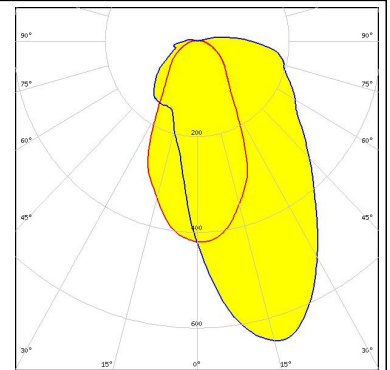
FWHM Asymmetric

Efficiency 85 %

Peak intensity 0.660 cd/lm

Required components:

IDEAL: 50-2103CT + 50-2100AN



OSRAM
Opto Semiconductors

LED Soleriq S13 Gen2

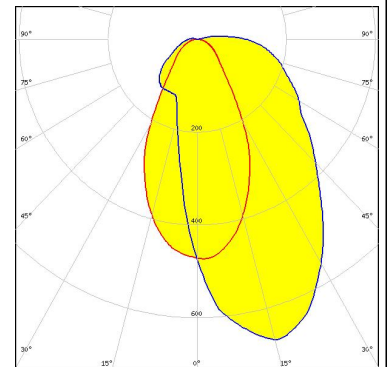
FWHM Asymmetric

Efficiency 86 %

Peak intensity 0.670 cd/lm

Required components:

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



PHILIPS

LED Fortimo SLM L13 + SLM holder

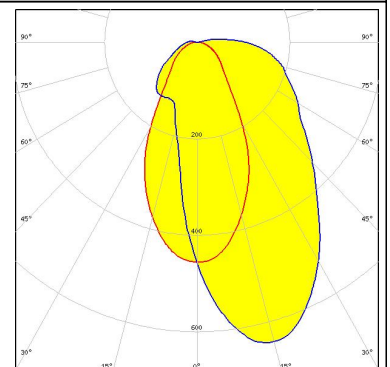
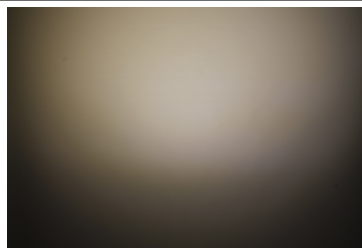
FWHM Asymmetric

Efficiency 83 %

Peak intensity 0.640 cd/lm

Required components:

TE: OPTIC CLIP Z50 TYPE1 2213194-1



PHILIPS

LED Fortimo SLM L15 + SLM holder

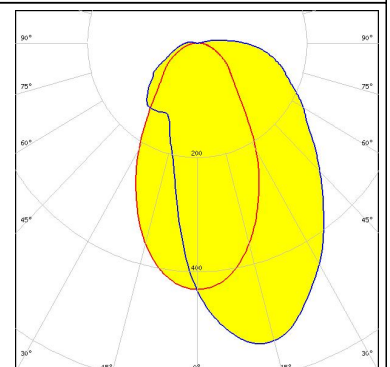
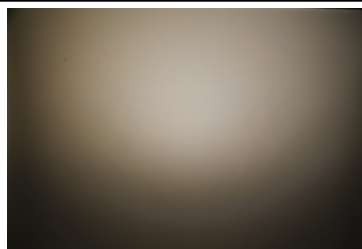
FWHM Asymmetric

Efficiency 82 %

Peak intensity 0.540 cd/lm

Required components:

TE: OPTIC CLIP Z50 TYPE1 2213194-1

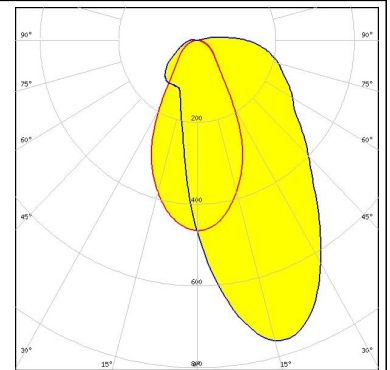


PHOTOMETRIC DATA (MEASURED):

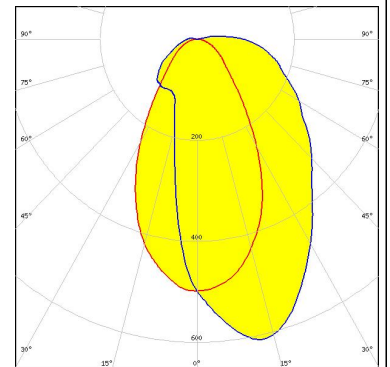
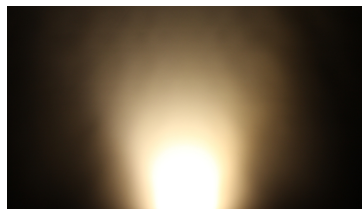
SAMSUNG

LED LC040C
 FWHM Asymmetric
 Efficiency 88 %
 Peak intensity 0.770 cd/lm
 Required components:

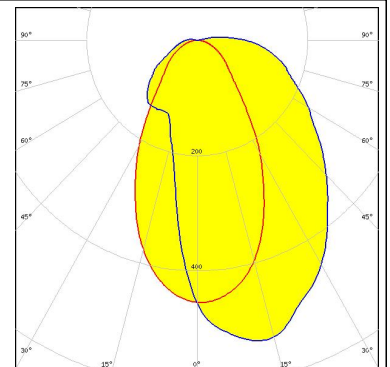
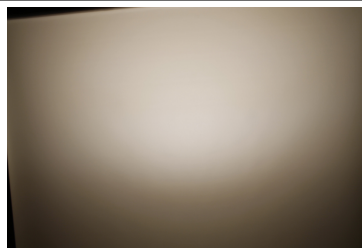
TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED AC Zhaga COB
 FWHM Asymmetric
 Efficiency 86 %
 Peak intensity 0.610 cd/lm
 Required components:
 Optosource: SEHSMJD-A

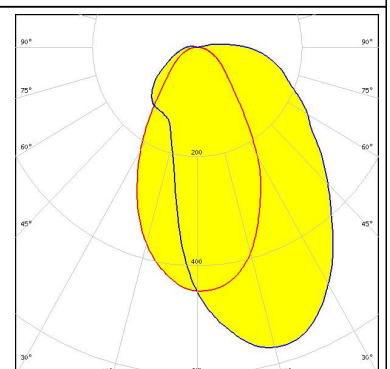


LED MJT COB LES 14.5
 FWHM Asymmetric
 Efficiency 82 %
 Peak intensity 0.500 cd/lm
 Required components:
 TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED WU-M-484
 FWHM Asymmetric
 Efficiency 84 %
 Peak intensity 0.570 cd/lm
 Required components:

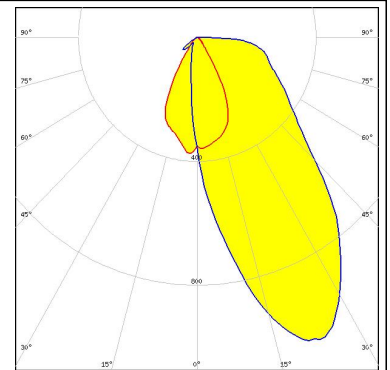
TE: OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (SIMULATED):

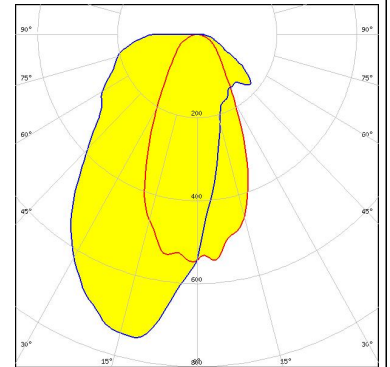
bridgelux.

LED V10 Gen6
FWHM Asymmetric
Efficiency 84 %
Peak intensity 1.050 cd/lm
Required components:
C14123_CLAMP-CXA15-18



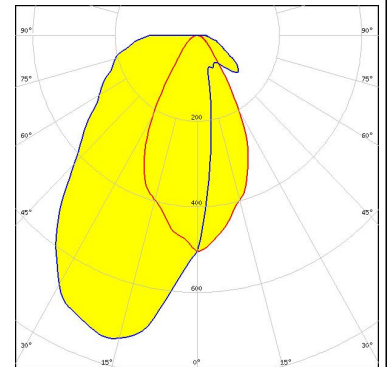
bridgelux.

LED V13 Gen7
FWHM Asymmetric
Efficiency 89 %
Peak intensity 0.750 cd/lm
Required components:
IDEAL: 50-2103CT + 50-2100AN



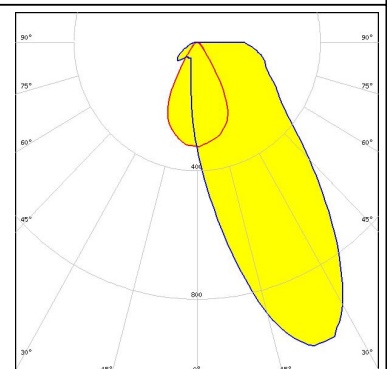
bridgelux.

LED V13 Gen7
FWHM Asymmetric
Efficiency 84 %
Peak intensity 0.740 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 477 Typ L1



CITIZEN

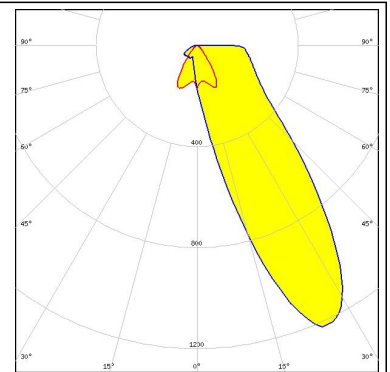
LED CLL02x/CLU02x (LES10)
FWHM Asymmetric
Efficiency 86 %
Peak intensity 1.030 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 434 Typ L1



PHOTOMETRIC DATA (SIMULATED):

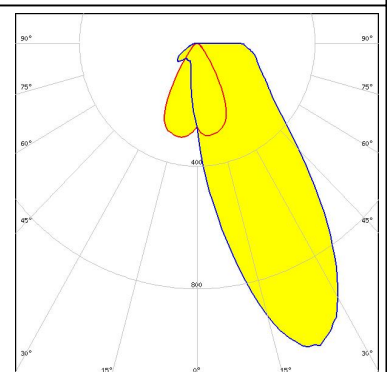
CITIZEN

LED CLU700/701
FWHM Asymmetric
Efficiency 86 %
Peak intensity 1.220 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 434 Typ L1



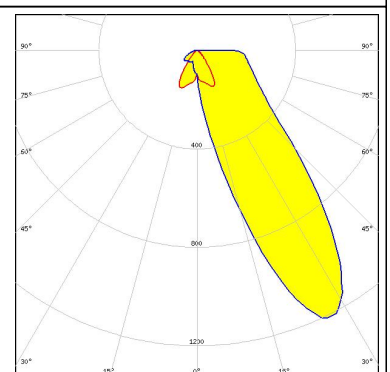
CITIZEN

LED CLU710/711
FWHM Asymmetric
Efficiency 86 %
Peak intensity 1.070 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 470 Typ L1



CREE

LED CXA/B 13xx
FWHM Asymmetric
Efficiency 87 %
Peak intensity 1.210 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 448 Typ L1



CREE

LED CXA/B 15xx
FWHM Asymmetric
Efficiency 86 %
Peak intensity 1.100 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 441 Typ L1

PHOTOMETRIC DATA (SIMULATED):

CREE

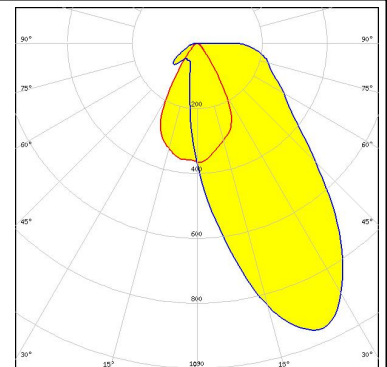
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM Asymmetric
Efficiency 86 %
Peak intensity 0.960 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 437 Typ L1

CREE

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM Asymmetric
Efficiency 86 %
Peak intensity 0.900 cd/lm
Required components:
C14123_CLAMP-CXA15-18

CREE

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM Asymmetric
Efficiency 86 %
Peak intensity 0.960 cd/lm
Required components:
TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



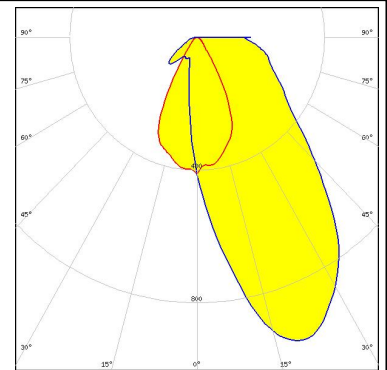
CREE

LED CXA/B 1830
FWHM Asymmetric
Efficiency 85 %
Peak intensity 0.860 cd/lm
Required components:
C14123_CLAMP-CXA15-18

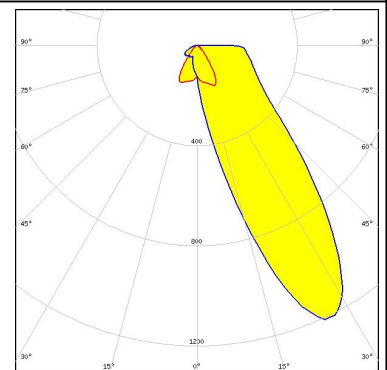
PHOTOMETRIC DATA (SIMULATED):



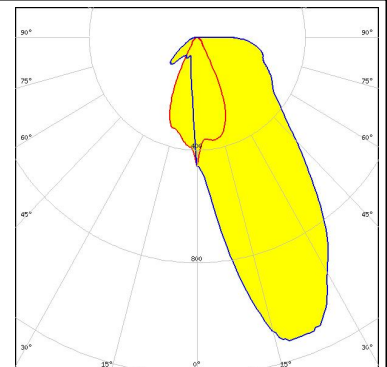
LED LUXEON CoB 1202/1203
FWHM Asymmetric
Efficiency 85 %
Peak intensity 0.970 cd/lm
Required components:
TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED LUXEON CoB 1202s
FWHM Asymmetric
Efficiency 86 %
Peak intensity 1.200 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 452 Typ L1



LED COB L-Type (LES 9)
FWHM Asymmetric
Efficiency 85 %
Peak intensity 1.130 cd/lm
Required components:
TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED NSCxL036A
FWHM Asymmetric
Efficiency 86 %
Peak intensity 1.170 cd/lm
Required components:
TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1

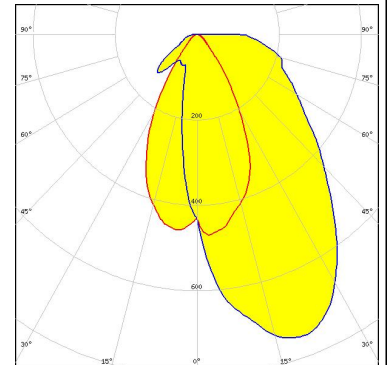
PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED Duris S10
FWHM Asymmetric
Efficiency 86 %
Peak intensity 1.100 cd/lm
Required components:
C13658_CLAMP-VERO13-18

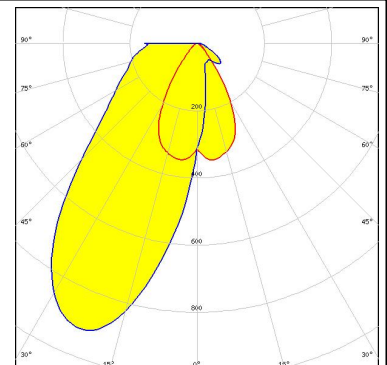
OSRAM
Opto Semiconductors

LED Soleriq S13
FWHM Asymmetric
Efficiency 82 %
Peak intensity 0.750 cd/lm
Required components:
C14123_CLAMP-CXA15-18



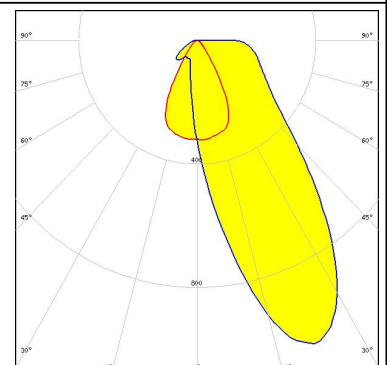
OSRAM
Opto Semiconductors

LED Soleriq S9
FWHM Asymmetric
Efficiency 86 %
Peak intensity 0.910 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 434 Typ L1



SHARP

LED Mini Zenigata (GW6BM)
FWHM Asymmetric
Efficiency 85 %
Peak intensity 1.060 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 452 Typ L1



PHOTOMETRIC DATA (SIMULATED):

TRIDONIC

LED SLE G6 LES15

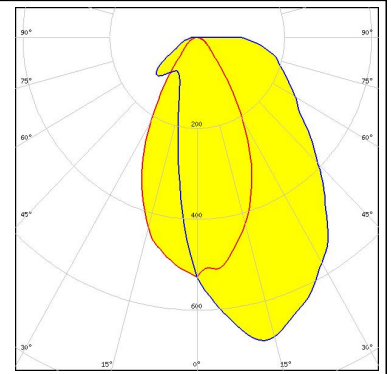
FWHM Asymmetric

Efficiency 80 %

Peak intensity 0.690 cd/lm

Required components:

TE: 2213254-2 + 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

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LEDiL Oy

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[0410111300](#) [0510113303](#) [0530997](#) [2710121](#) [C11004_TINA2-RS](#) [C12231_LENA-FRESNEL-LENS](#) [LL01ED-AKY24R49](#) [LL01CR-AYG15R49](#)
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