

RONDA-ZT45

Double asymmetric beam for wall-washing and aisle lighting with holder A compatible with 3rd party connectors from TE, Bender+Wirth and IDEAL

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.9 mm
Height	15 mm
Fastening	socket
ROHS compliant	yes ⓘ

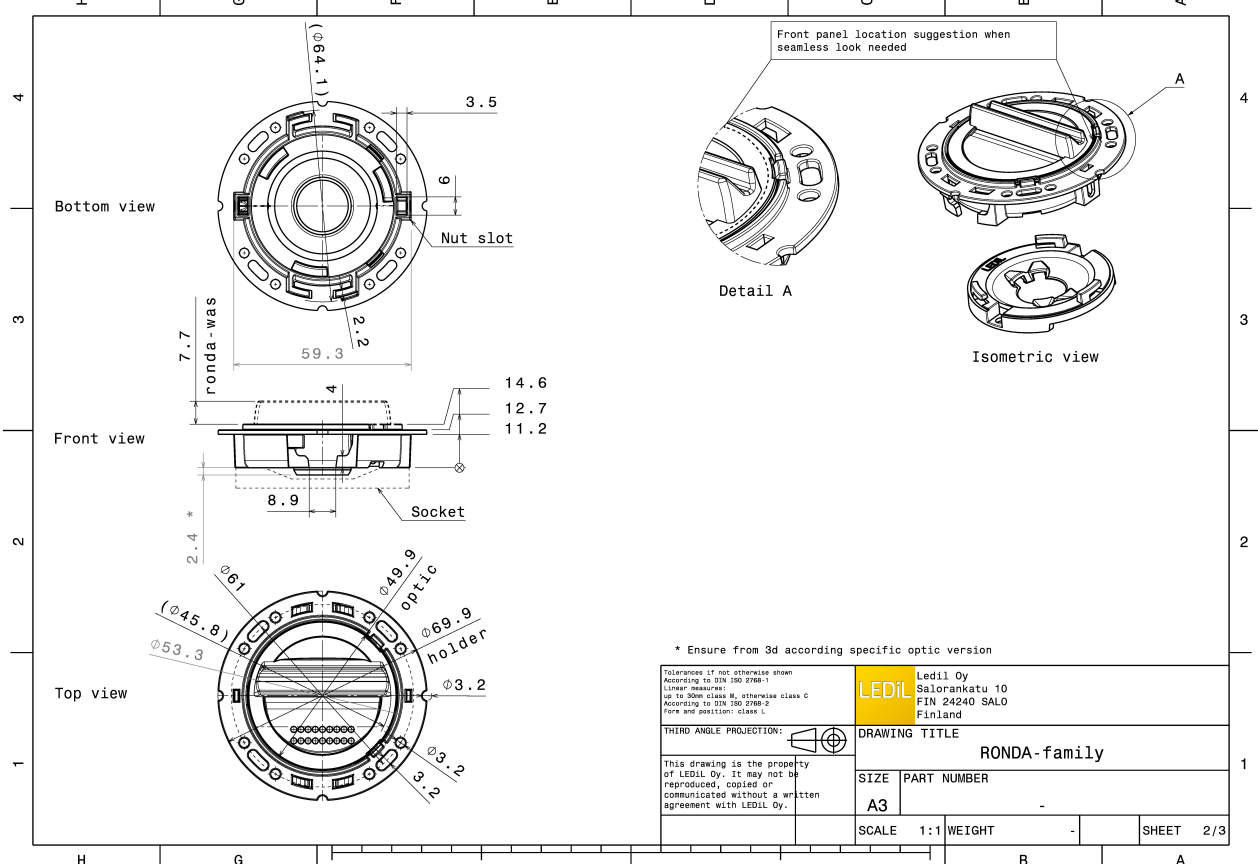
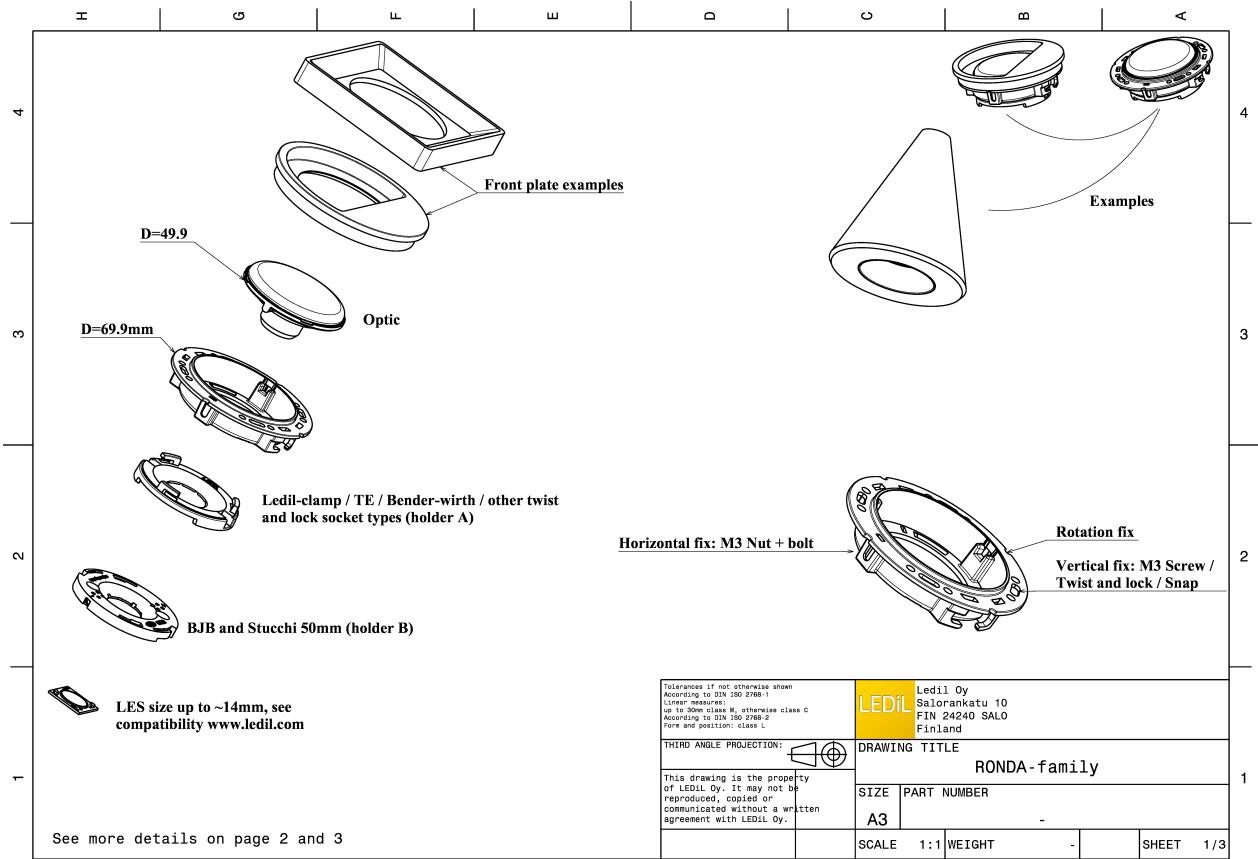
MATERIAL SPECIFICATIONS:

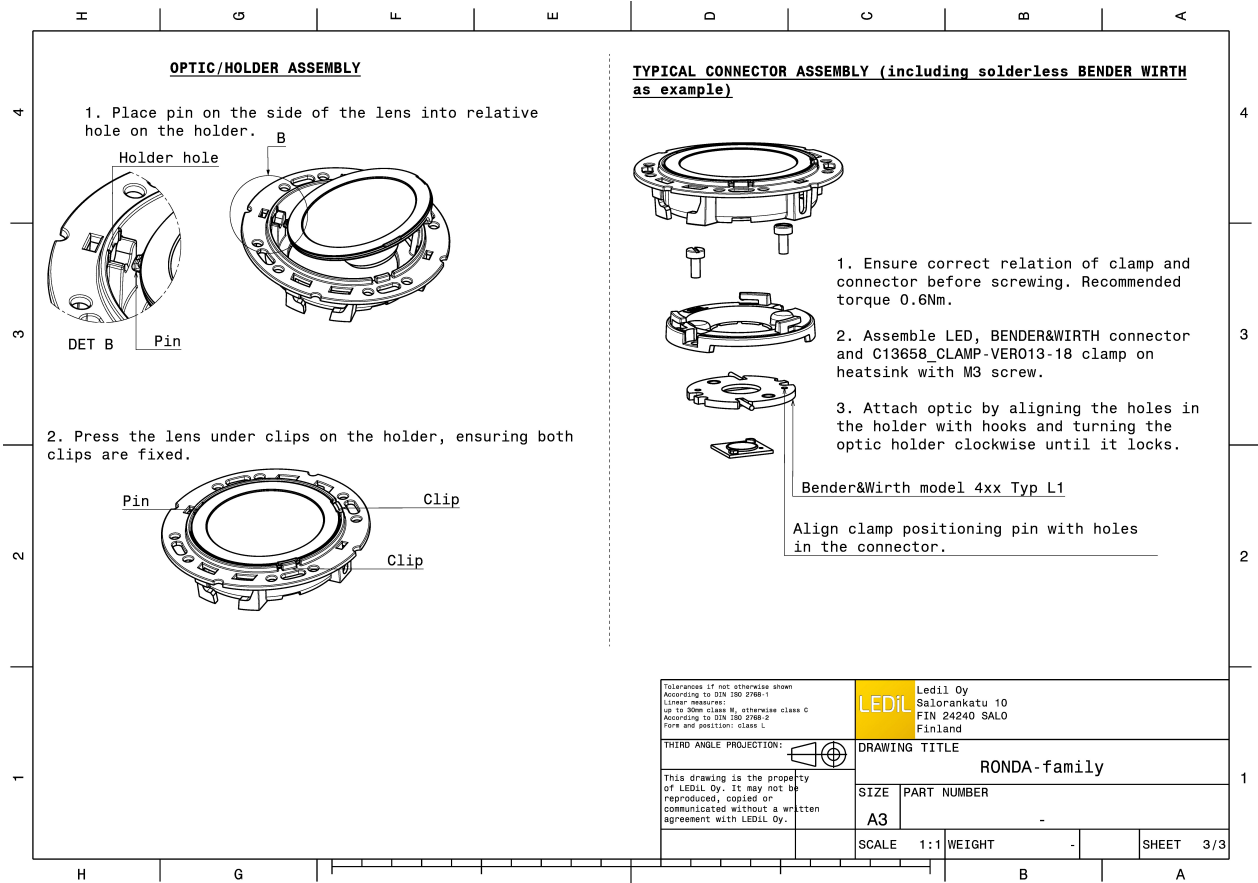
Component	Type	Material	Colour	Finish
RONDA-ZT45	Single lens	PMMA	clear	
RONDA-HLD-A	Holder	PC	white	

ORDERING INFORMATION:


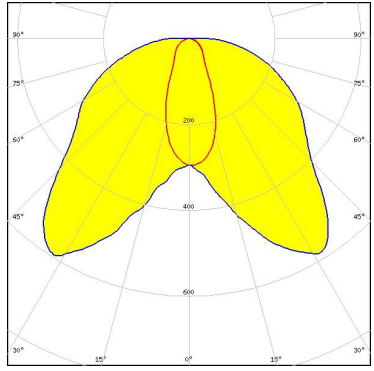
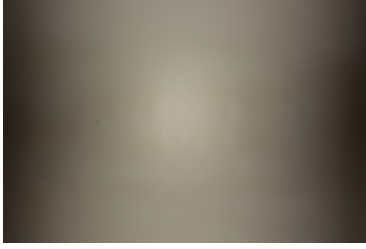
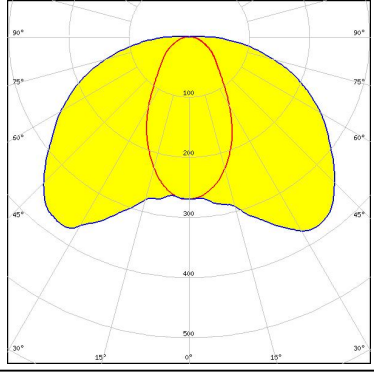

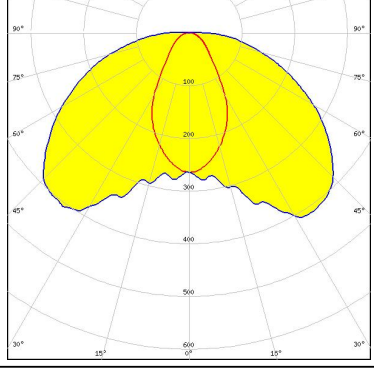
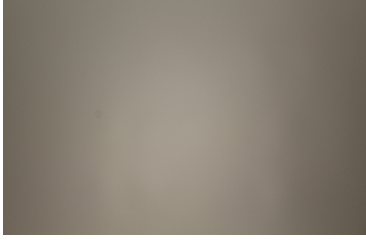
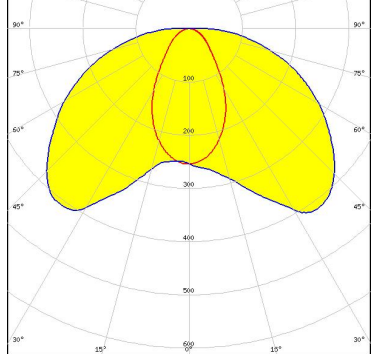
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FN15388_RONDA-ZT45	Single lens	420	120	30	0.0
» Box size:					







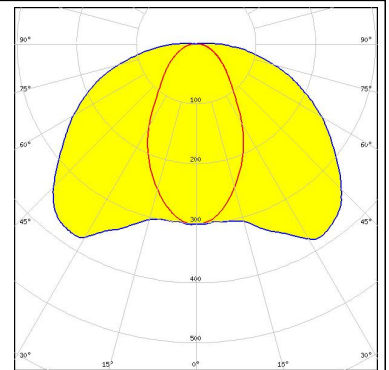
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V10 Gen7 FWHM Asymmetric Efficiency 88 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: C13658_CLAMP-VERO13-18 Bender Wirth: 486 Typ L1</p>		
<p>bridgelux.</p> <p>LED V13 Gen7 FWHM Asymmetric Efficiency 83 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		
<p>bridgelux.</p> <p>LED Vero SE 13 FWHM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: C16402_CLAMP-VEROSE-13-18</p>		
<p>bridgelux.</p> <p>LED VERO13 FWHM Asymmetric Efficiency 89 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: C13658_CLAMP-VERO13-18</p>		

PHOTOMETRIC DATA (MEASURED):

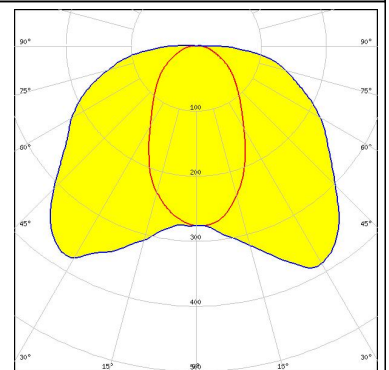
CITIZEN

LED CLL03x/CLU03x
FWHM Asymmetric
Efficiency 86 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16791_CLAMP-Z45-A
TE: 2325807-3



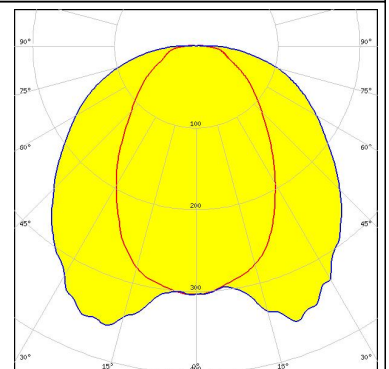
CITIZEN

LED CLL03x/CLU03x
FWHM Asymmetric
Efficiency 83 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2103CT + 50-2100AN



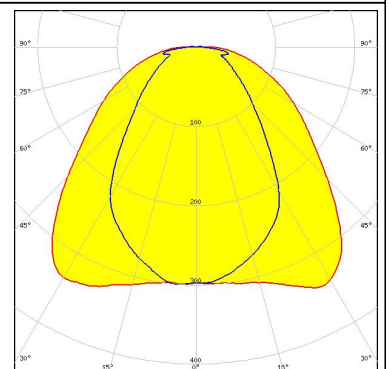
CITIZEN

LED CLL04x/CLU04x
FWHM Asymmetric
Efficiency 84 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2204-CT + 50-2100AN



CITIZEN

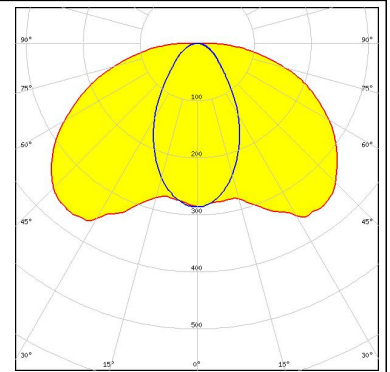
LED CLU730/731
FWHM Asymmetric
Efficiency 85 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2204-CT + 50-2100AN



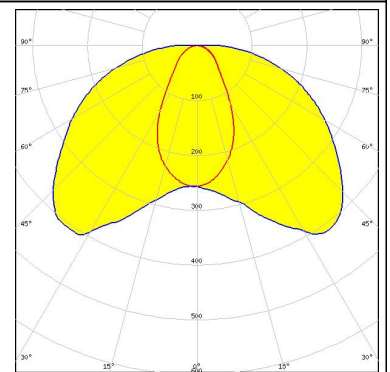
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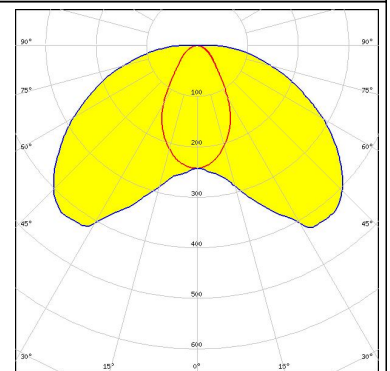
LED CMA1840
 FWHM Asymmetric
 Efficiency 89 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14123_CLAMP-CXA15-18



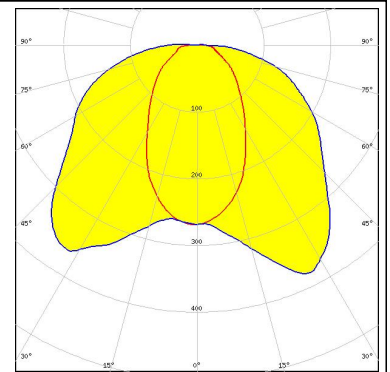
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM Asymmetric
 Efficiency 87 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



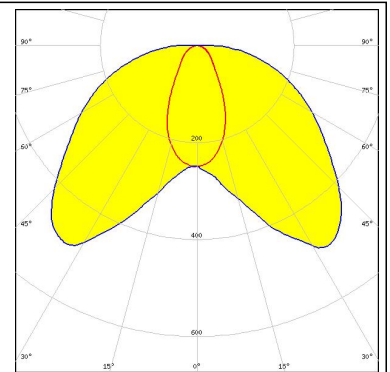
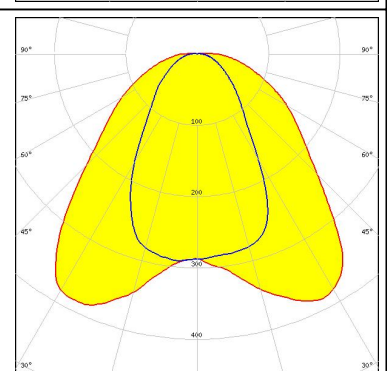
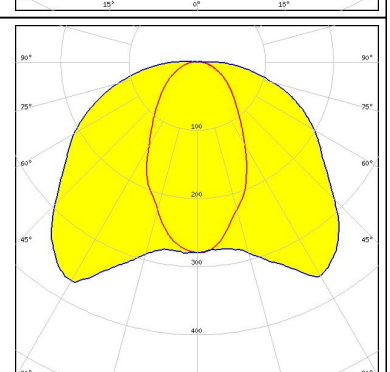
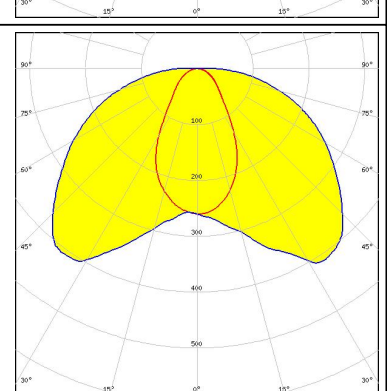
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM Asymmetric
 Efficiency 90 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14123_CLAMP-CXA15-18



LED COB J-Type
 FWHM Asymmetric
 Efficiency 83 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2103NC + 50-2100AN



PHOTOMETRIC DATA (MEASURED):

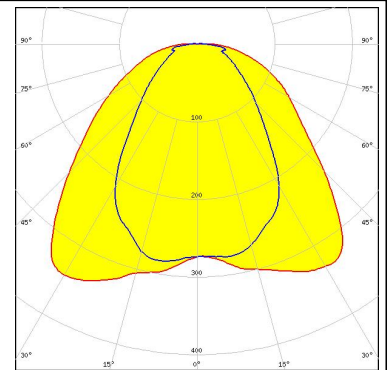
<p>NICHIA</p> <p>LED COB L-Type (LES 11) FWHM Asymmetric Efficiency 87 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>	
<p>NICHIA</p> <p>LED COB L-Type (LES 11) FWHM Asymmetric Efficiency 84 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: IDEAL: 50-2100NC + 50-2100AN</p>	
<p>OSRAM</p> <p>LED PrevaLED Core G7 L15 H1 FWHM Asymmetric Efficiency 78 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: C16685_CLAMP-PRV-A</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Soleriq S13 19x19 FWHM Asymmetric Efficiency 86 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>	

PHOTOMETRIC DATA (MEASURED):

OSRAM

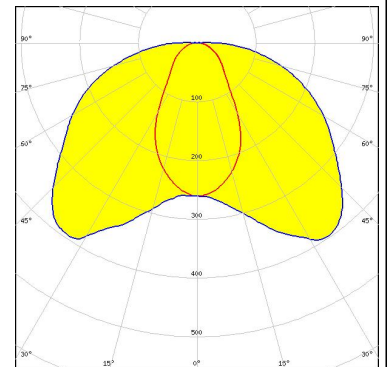
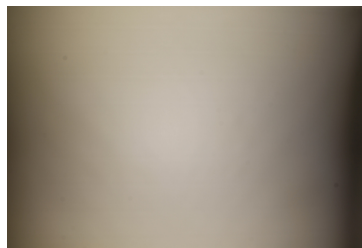
Opto Semiconductors

LED Soleriq S13 19x19
 FWHM Asymmetric
 Efficiency 84 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2103CT + 50-2100AN



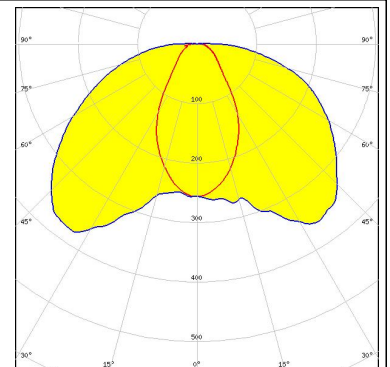
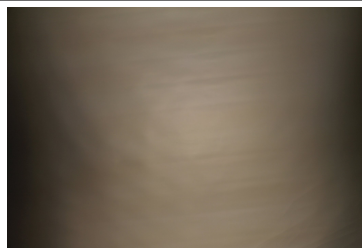
PHILIPS

LED Fortimo SLM L13 + SLM holder
 FWHM Asymmetric
 Efficiency 83 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



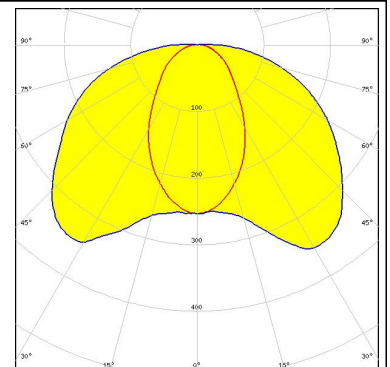
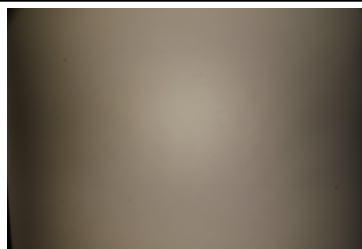
PHILIPS

LED Fortimo SLM L13 CoB
 FWHM Asymmetric
 Efficiency 83 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



PHILIPS

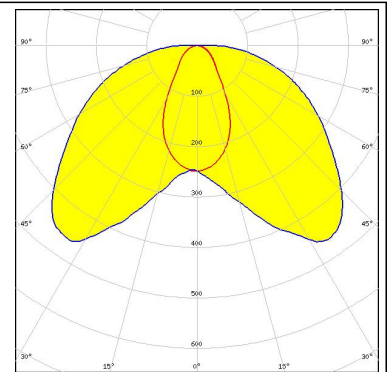
LED Fortimo SLM L15 + SLM holder
 FWHM Asymmetric
 Efficiency 82 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (MEASURED):

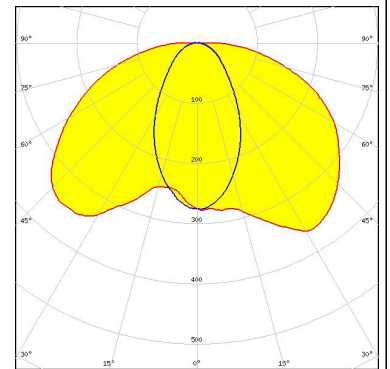
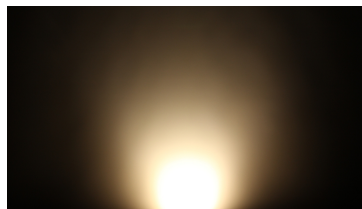
SAMSUNG

LED LC040C
 FWHM Asymmetric
 Efficiency 88 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



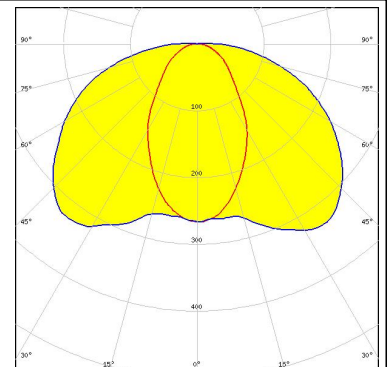
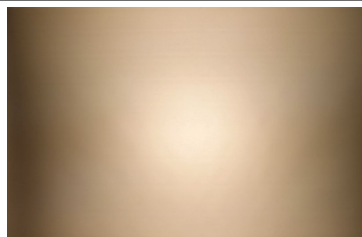
SEAGUL SEOUL SEMICONDUCTOR

LED AC Zhaga COB
 FWHM Asymmetric
 Efficiency 86 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Optosource: SEHSMJD-A



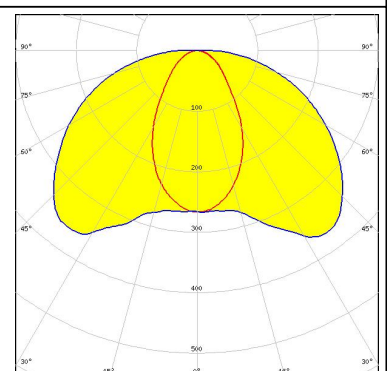
SEAGUL SEOUL SEMICONDUCTOR

LED MJT COB LES 14.5
 FWHM Asymmetric
 Efficiency 81 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1

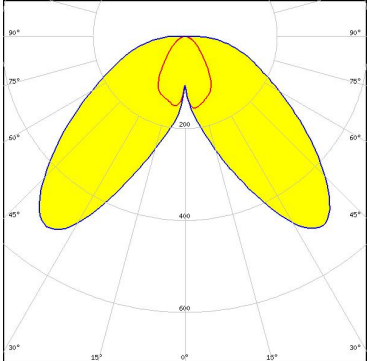
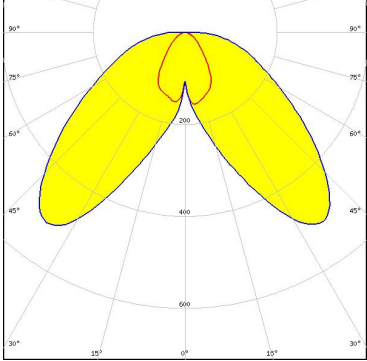
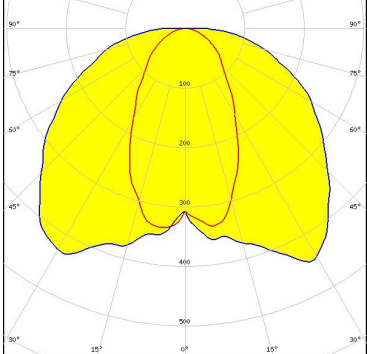


VS LIGHTING SOLUTIONS

LED WU-M-484
 FWHM Asymmetric
 Efficiency 85 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



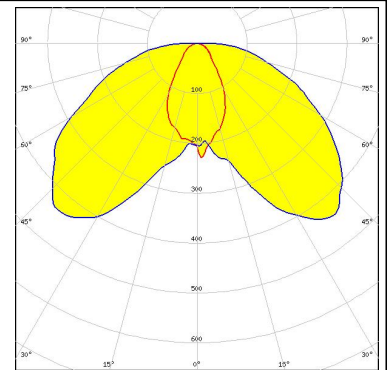
PHOTOMETRIC DATA (SIMULATED):

<p>bridgelux.</p> <p>LED V10 Gen6 FWHM 44.0° Efficiency % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour White Required components: C14123_CLAMP-CXA15-18</p>	
<p>bridgelux.</p> <p>LED V10 Gen6 FWHM Asymmetric Efficiency 86 % LEDs/each optic 1 Light colour White Required components: C13658_CLAMP-VERO13-18 Bender Wirth: 455 Typ L1</p>	
<p>bridgelux.</p> <p>LED V10 Gen6 FWHM Asymmetric Efficiency 86 % LEDs/each optic 1 Light colour White Required components: C14123_CLAMP-CXA15-18</p>	
<p>bridgelux.</p> <p>LED V13 Gen7 FWHM Asymmetric Efficiency 90 % LEDs/each optic 1 Light colour White Required components: IDEAL: 50-2103CT + 50-2100AN</p>	

PHOTOMETRIC DATA (SIMULATED):

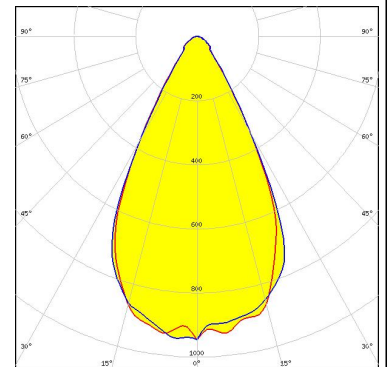
bridgelux

LED V13 Gen7
 FWHM Asymmetric
 Efficiency 86 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 477 Typ L1



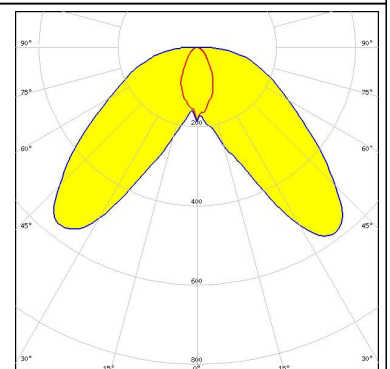
bridgelux

LED V13 Gen7
 FWHM 56.0°
 Efficiency 85 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14123_CLAMP-CXA15-18
 Bender Wirth: 477 Typ L1



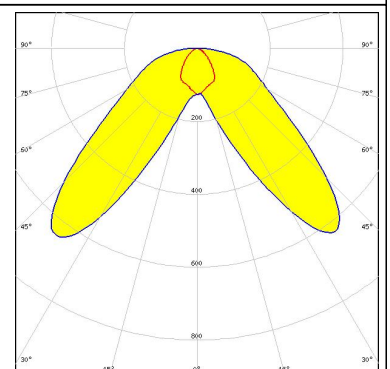
CITIZEN

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



CITIZEN

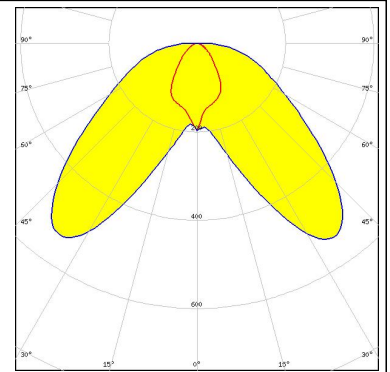
LED CLU700/701/702
 FWHM Asymmetric
 Efficiency 87 %
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 434 Typ L1



PHOTOMETRIC DATA (SIMULATED):

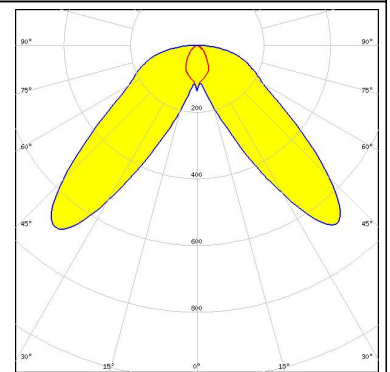
CITIZEN

LED CLU710/711
FWHM Asymmetric
Efficiency 87 %
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 470 Typ L1



CREE

LED CXA/B 13xx
FWHM Asymmetric
Efficiency 88 %
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 448 Typ L1



CREE

LED CXA/B 15xx
FWHM Asymmetric
Efficiency 87 %
LEDs/each optic 1
Light colour White
Required components:
C14123_CLAMP-CXA15-18

CREE

LED CXA/B 15xx
FWHM 42.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:
C14123_CLAMP-CXA15-18

PHOTOMETRIC DATA (SIMULATED):



LED CXA/B 15xx
FWHM Asymmetric
Efficiency 87 %
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 441 Typ L1



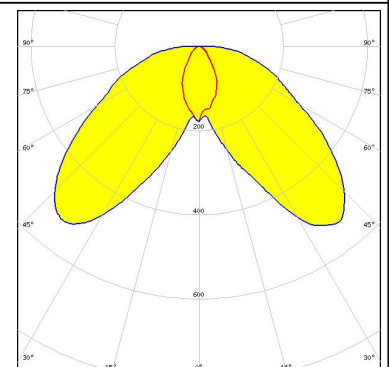
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM Asymmetric
Efficiency 87 %
LEDs/each optic 1
Light colour White
Required components:
C14123_CLAMP-CXA15-18



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 48.0°
Efficiency %
Peak intensity 1.4 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 Asymmetric
Efficiency %
LEDs/each optic 1
Light colour White
Required components:
TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (SIMULATED):



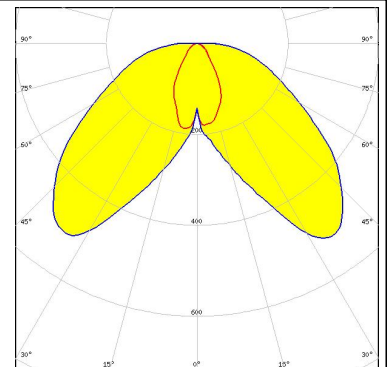
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM Asymmetric
Efficiency 87 %
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 437 Typ L1



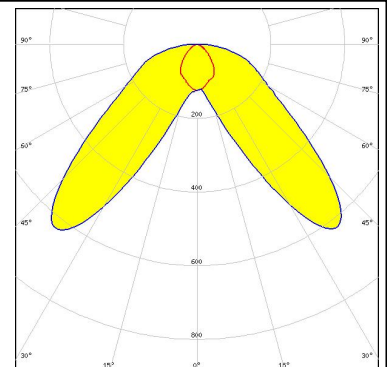
LED CXA/B 1830
FWHM Asymmetric
Efficiency 85 %
LEDs/each optic 1
Light colour White
Required components:
C14123_CLAMP-CXA15-18



LED LUXEON CoB 1202/1203
FWHM Asymmetric
Efficiency 86 %
LEDs/each optic 1
Light colour White
Required components:
TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



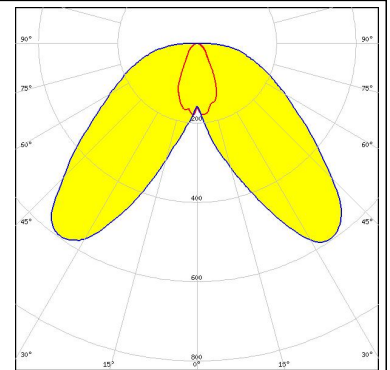
LED LUXEON CoB 1202s
FWHM Asymmetric
Efficiency 87 %
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 452 Typ L1



PHOTOMETRIC DATA (SIMULATED):



LED COB L-Type (LES 9)
FWHM Asymmetric
Efficiency 85 %
LEDs/each optic 1
Light colour White
Required components:
TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



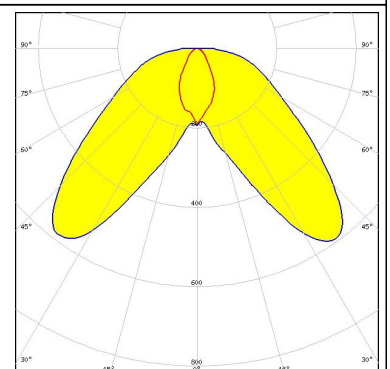
LED NSCxL036A
FWHM Asymmetric
Efficiency 87 %
LEDs/each optic 1
Light colour White
Required components:
TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED Duris S10
FWHM Asymmetric
Efficiency 87 %
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18



LED Mini Zenigata (GW6BM)
FWHM Asymmetric
Efficiency 86 %
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.

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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