

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

SPECIFICATION:

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



MATERIALS:

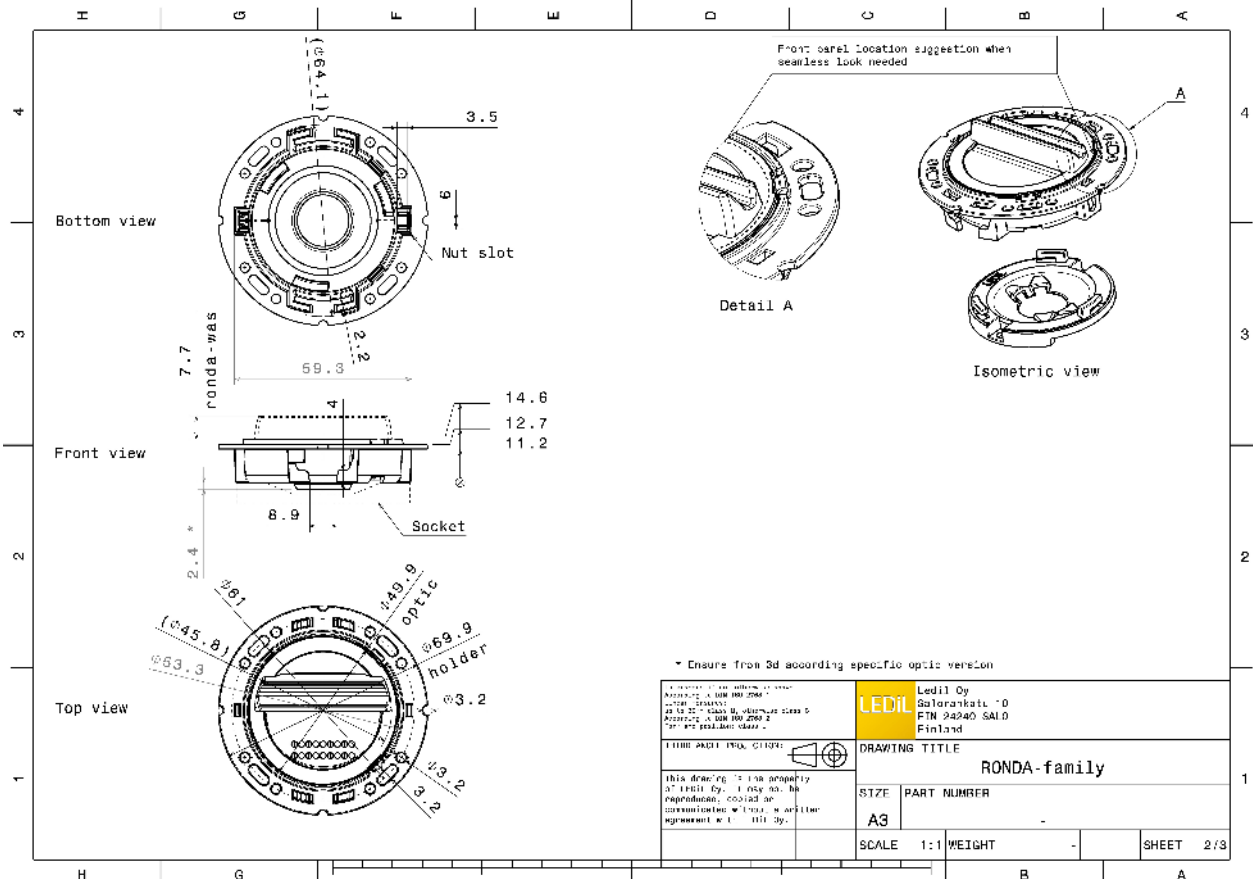
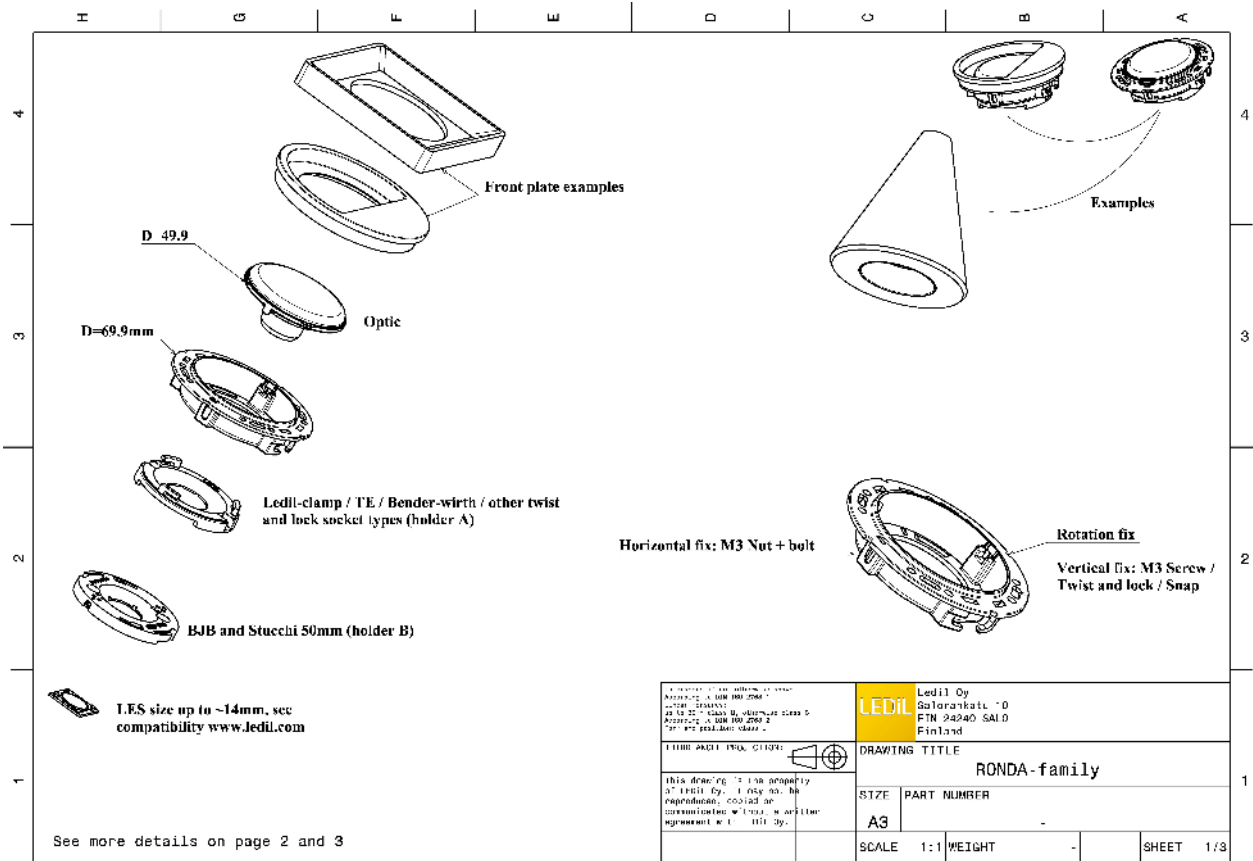
Component	Type	Material	Colour	Finish
F15159_RONDA-ZT45	Single lens	PMMA	clear	
F15155_RONDA-HLD-A	Holder	PC	white	

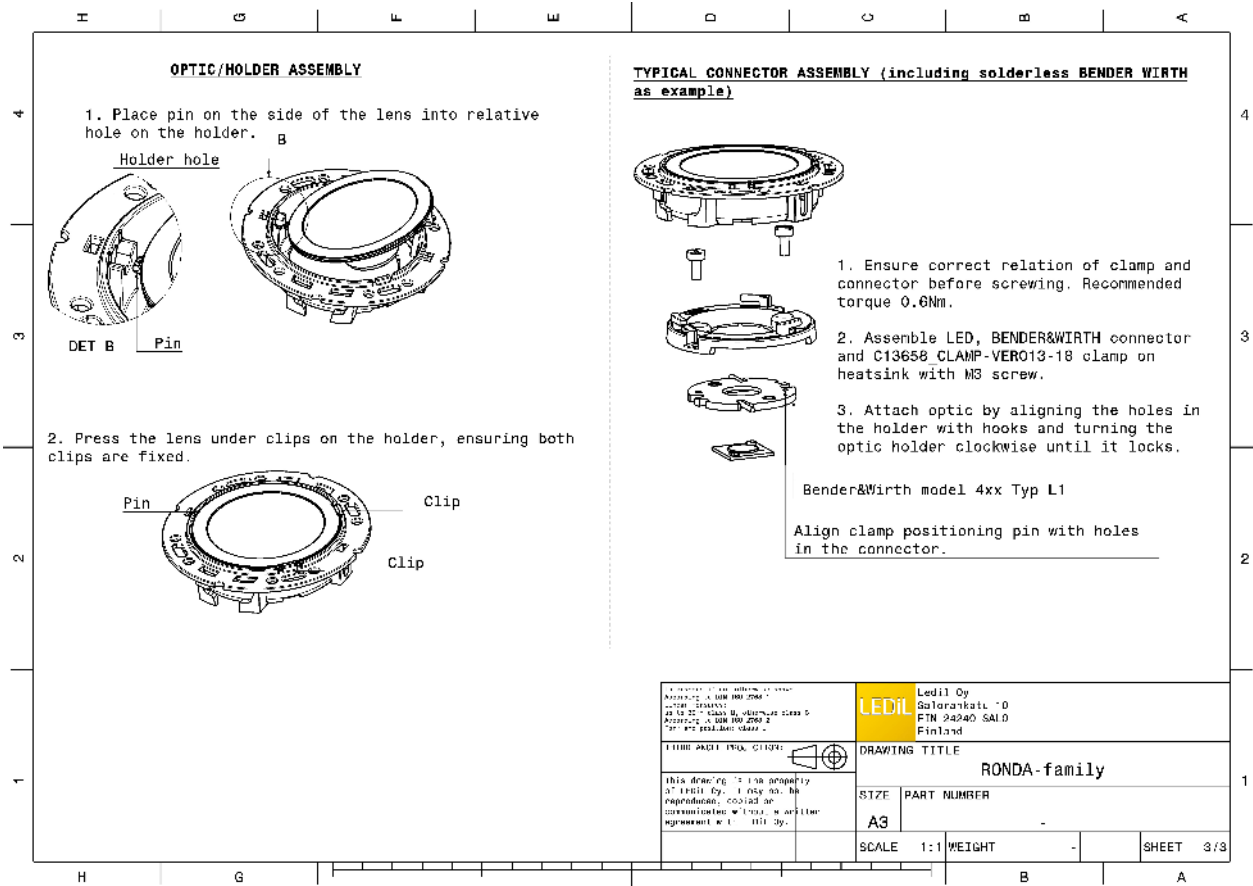
ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1


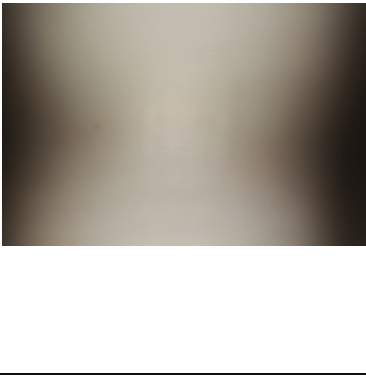
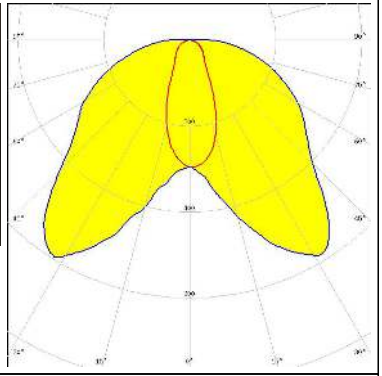


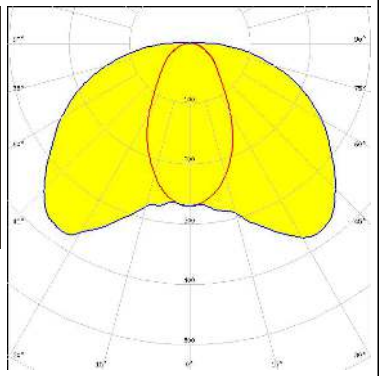


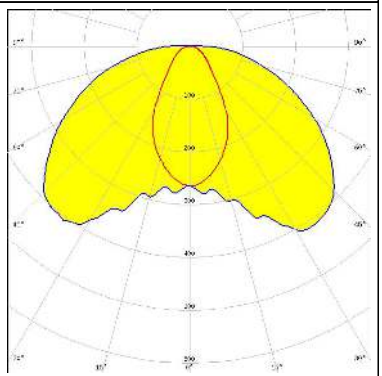

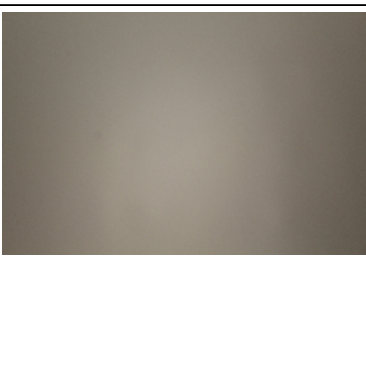
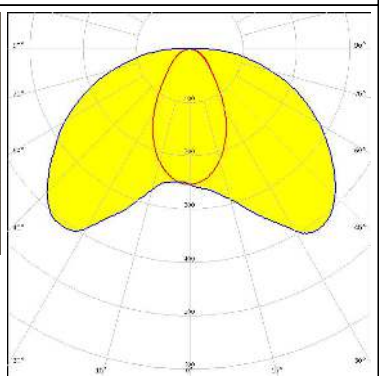
Component		Qty in box	MOQ	MPQ	Box weight (kg)
F15159_RONDA-ZT45	Single lens	420	120	30	6.5
» Box size: 480 x 280 x 300 mm					
F15155_RONDA-HLD-A	Holder	420	120	30	4.4
» Box size: 480 x 280 x 300 mm					





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

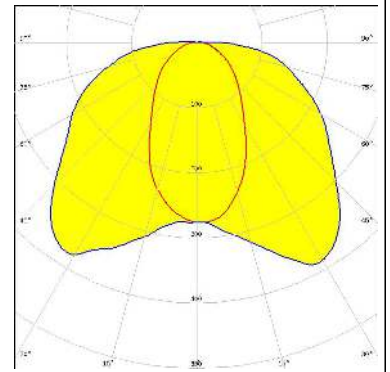
OPTICAL RESULTS (MEASURED):

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

OPTICAL RESULTS (MEASURED):

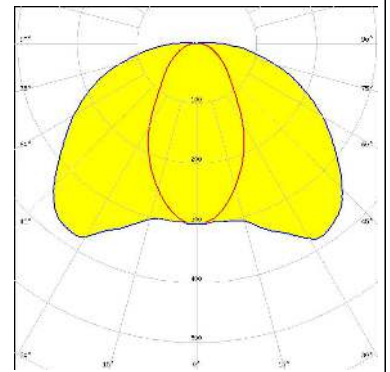
CITIZEN

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



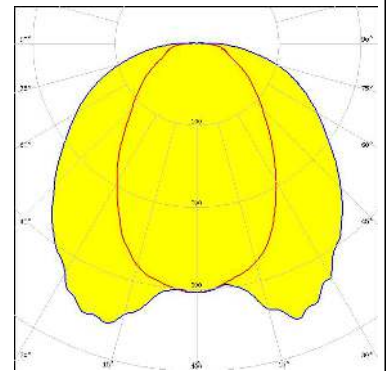
CITIZEN

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



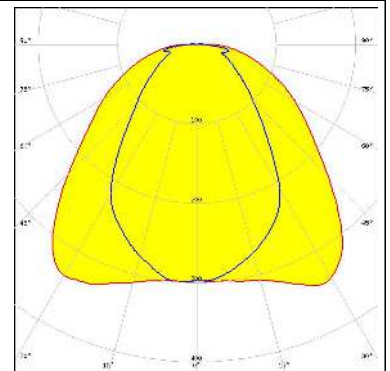
CITIZEN

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

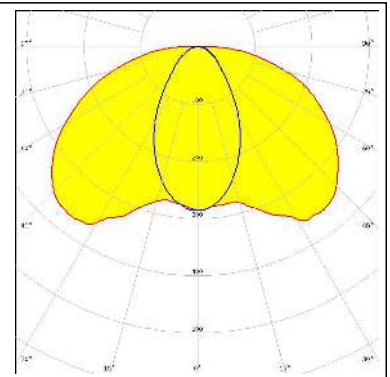
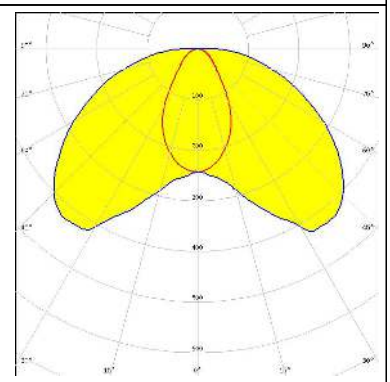
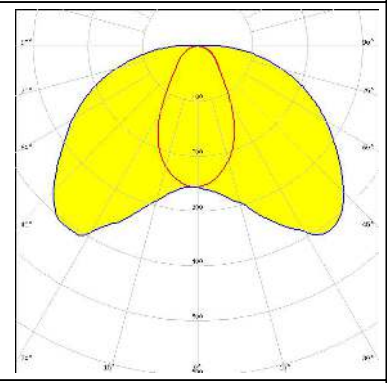
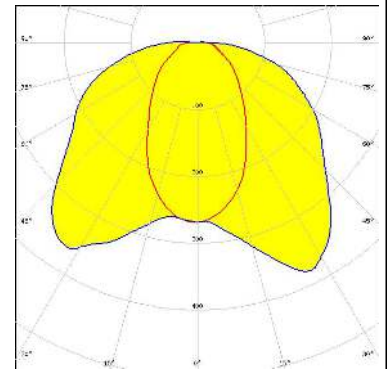


CITIZEN

LED CLU730/731/733
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2204-CT + 50-2100AN



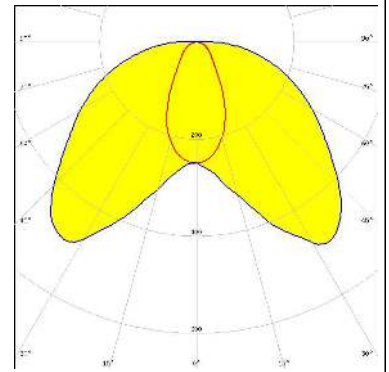
OPTICAL RESULTS (MEASURED):

<p>CREE → LED</p> <p>LED: CMA1840 FWHM / FWTM: Asymmetric Efficiency: 89 % Peak intensity: 0.4 cd/lm LEDs/each optic: 1 Light colour: White Required components: C14123_CLAMP-CXA15-18</p>	
<p>CREE → LED</p> <p>LED: CXA/B 1816 & CXA/B 1820 & CXA 1850 FWHM / FWTM: Asymmetric Efficiency: 90 % Peak intensity: 0.4 cd/lm LEDs/each optic: 1 Light colour: White Required components: C14123_CLAMP-CXA15-18</p>	
<p>CREE → LED</p> <p>LED: CXA/B 1816 & CXA/B 1820 & CXA 1850 FWHM / FWTM: Asymmetric Efficiency: 87 % Peak intensity: 0.4 cd/lm LEDs/each optic: 1 Light colour: White Required components: TE Connectivity: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>	
<p>NICHIA</p> <p>LED: COB J-Type FWHM / FWTM: Asymmetric Efficiency: 83 % Peak intensity: 0.8 cd/lm LEDs/each optic: 1 Light colour: White Required components: IDEAL: 50-2103NC + 50-2100AN</p>	

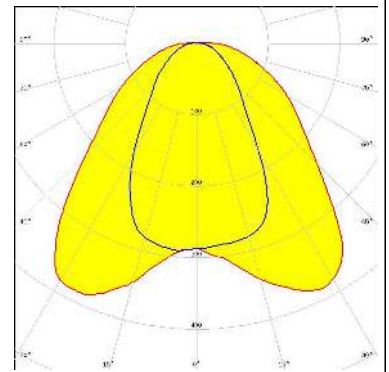
OPTICAL RESULTS (MEASURED):



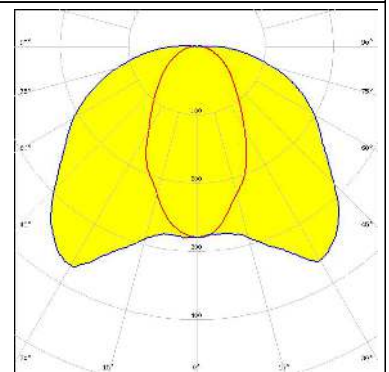
LED COB L-Type (LES 11)
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 TE Connectivity: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



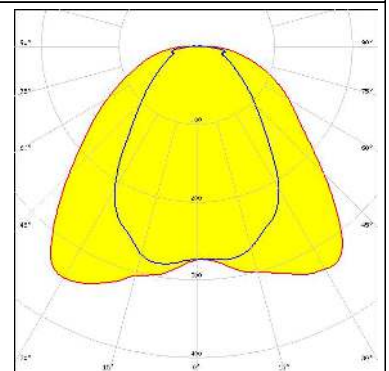
LED COB L-Type (LES 11)
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 IDEAL: 50-2100NC + 50-2100AN



LED PrevaLED Core G7 L15 H1
FWHM / FWTM Asymmetric
Efficiency 78 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C16685_CLAMP-PRV-A



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



OPTICAL RESULTS (MEASURED):

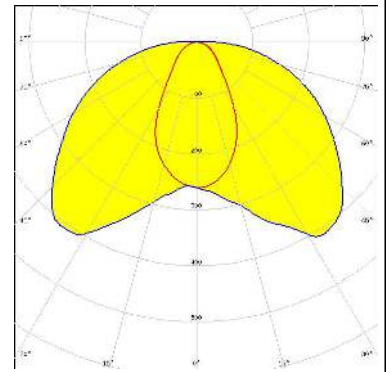
OSRAM

Opto Semiconductors

LED Soleriq S13 19x19
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:

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

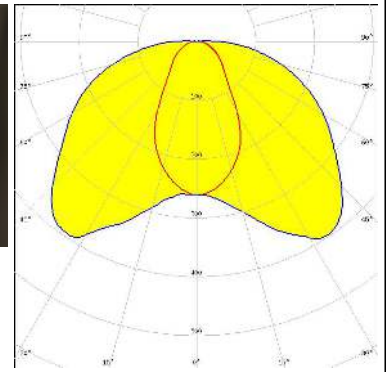
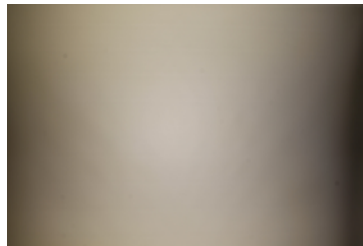


PHILIPS

LED Fortimo SLM L13 + SLM holder
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:

TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1

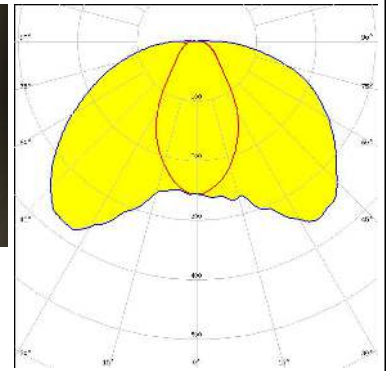
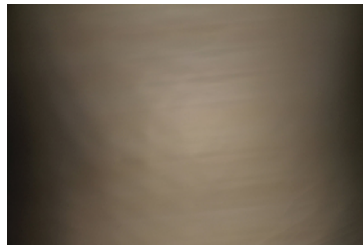


PHILIPS

LED Fortimo SLM L13 CoB
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:

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

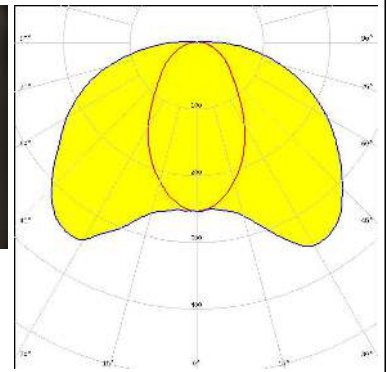


PHILIPS

LED Fortimo SLM L15 + SLM holder
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:

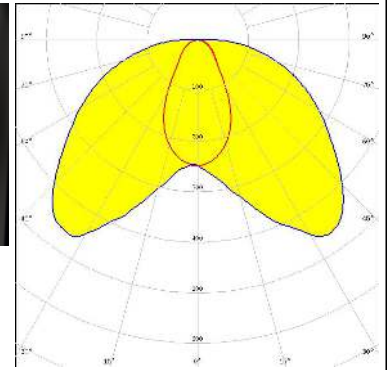
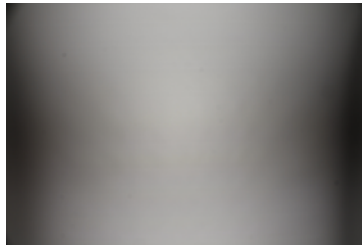
TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



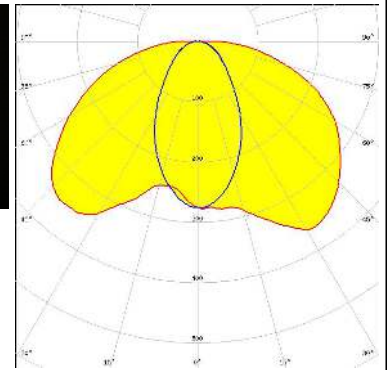
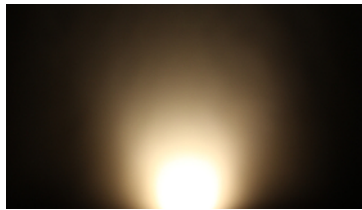
OPTICAL RESULTS (MEASURED):

SAMSUNG

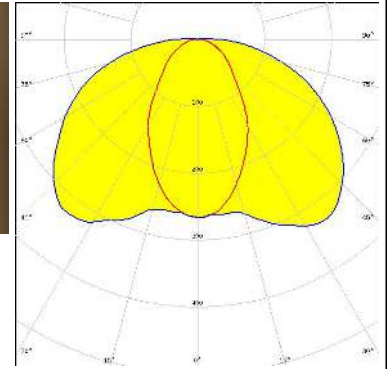
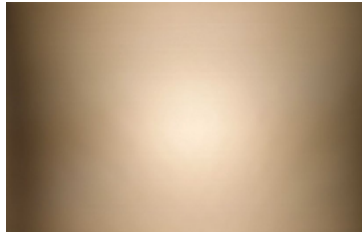
LED LC040C
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



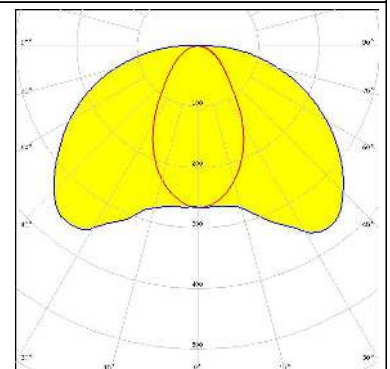
SEOUL SEMICONDUCTOR
 LED AC Zhaga COB
 FWHM / FWTM Asymmetric
 Efficiency 86 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Optosource: SEHSMJD-A




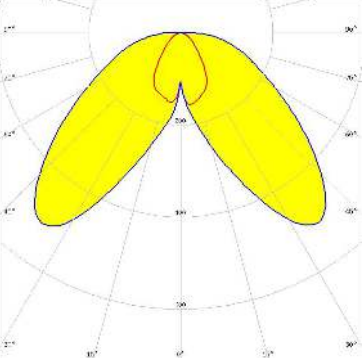

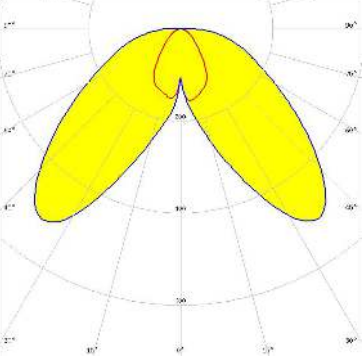

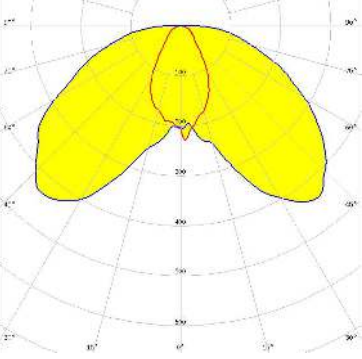

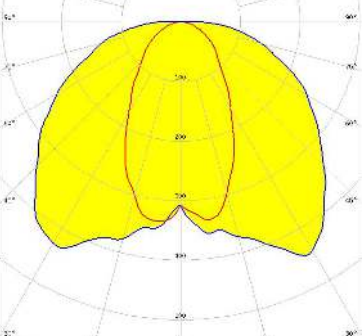
SEOUL SEMICONDUCTOR
 LED MJT COB LES 14.5
 FWHM / FWTM Asymmetric
 Efficiency 81 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



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



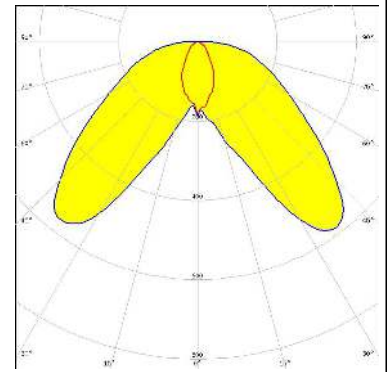
OPTICAL RESULTS (SIMULATED):

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

OPTICAL RESULTS (SIMULATED):

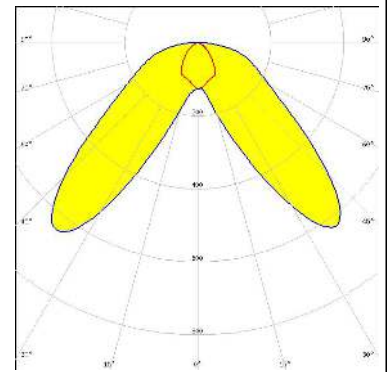
CITIZEN

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



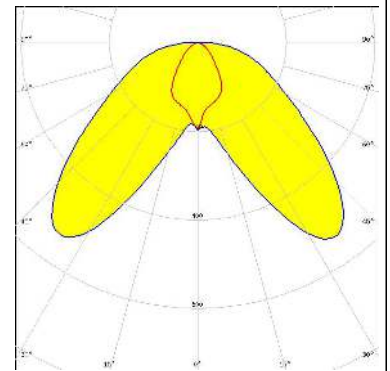
CITIZEN

LED CLU700/701/702/703
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 434 Typ L1

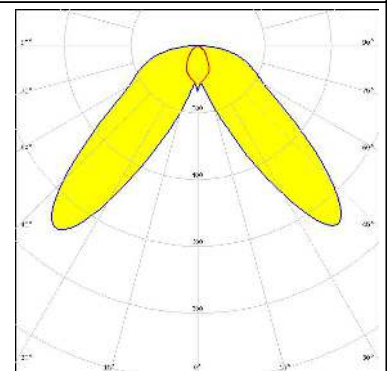


CITIZEN

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



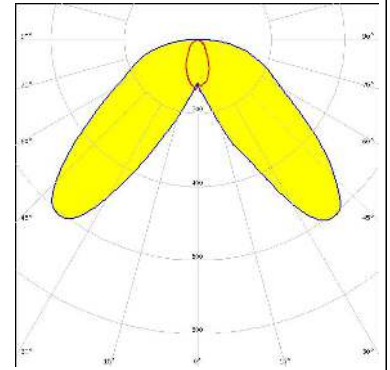
LED CXA/B 13xx
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 448 Typ L1



OPTICAL RESULTS (SIMULATED):



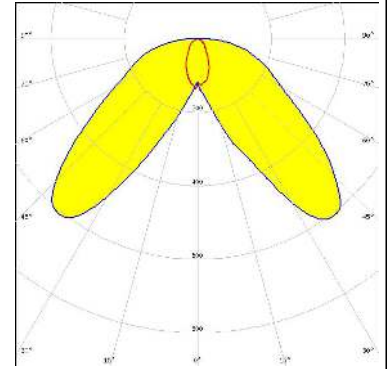
LED CXA/B 15xx
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 LEDs/each optic 1
 Light colour White
 Required components:
 C14123_CLAMP-CXA15-18



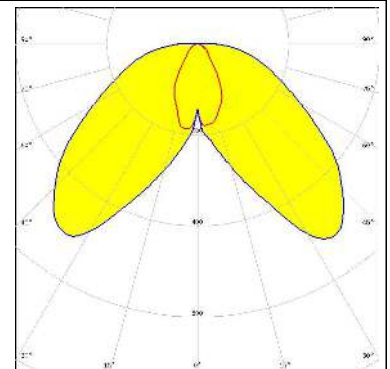
LED CXA/B 15xx
 FWHM / FWTM 42.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:
 C14123_CLAMP-CXA15-18



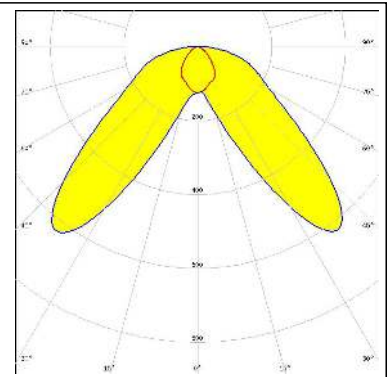
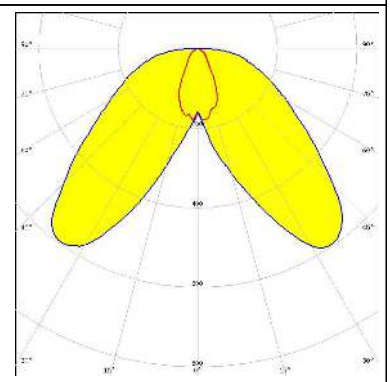
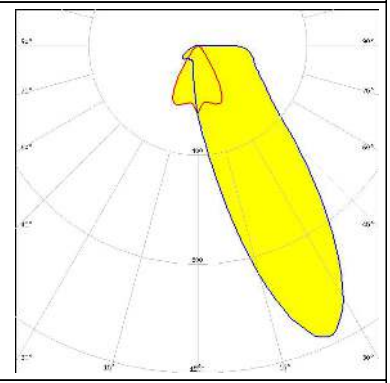
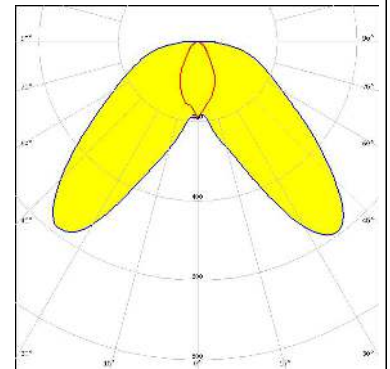
LED CXA/B 1830
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 LEDs/each optic 1
 Light colour White
 Required components:
 C14123_CLAMP-CXA15-18



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



OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON CoB 1202s FWHM / FWTM: Asymmetric Efficiency: 87 % LEDs/each optic: 1 Light colour: White Required components: C13658_CLAMP-VERO13-18 Bender Wirth: 452 Typ L1</p>	
<p>NICHIA</p> <p>LED: COB L-Type (LES 9) FWHM / FWTM: Asymmetric Efficiency: 85 % LEDs/each optic: 1 Light colour: White Required components: TE Connectivity: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>	
<p>NICHIA</p> <p>LED: NSCxL036A FWHM / FWTM: Asymmetric Efficiency: 87 % LEDs/each optic: 1 Light colour: White Required components: TE Connectivity: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>	
<p>SHARP</p> <p>LED: Mini Zenigata (GW6BM) FWHM / FWTM: Asymmetric Efficiency: 86 % LEDs/each optic: 1 Light colour: White Required components: C13658_CLAMP-VERO13-18 Bender Wirth: 452 Typ L1</p>	

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

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

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