

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 

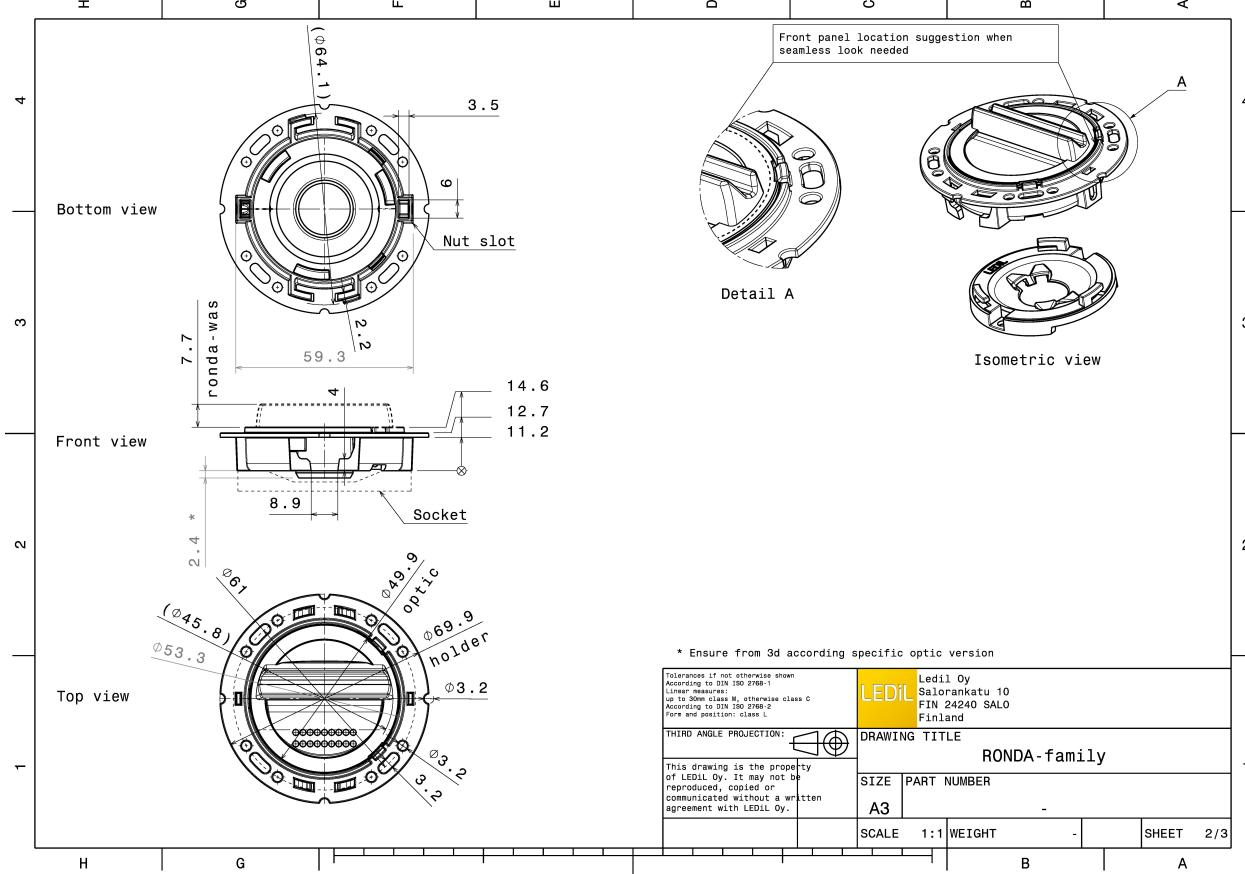
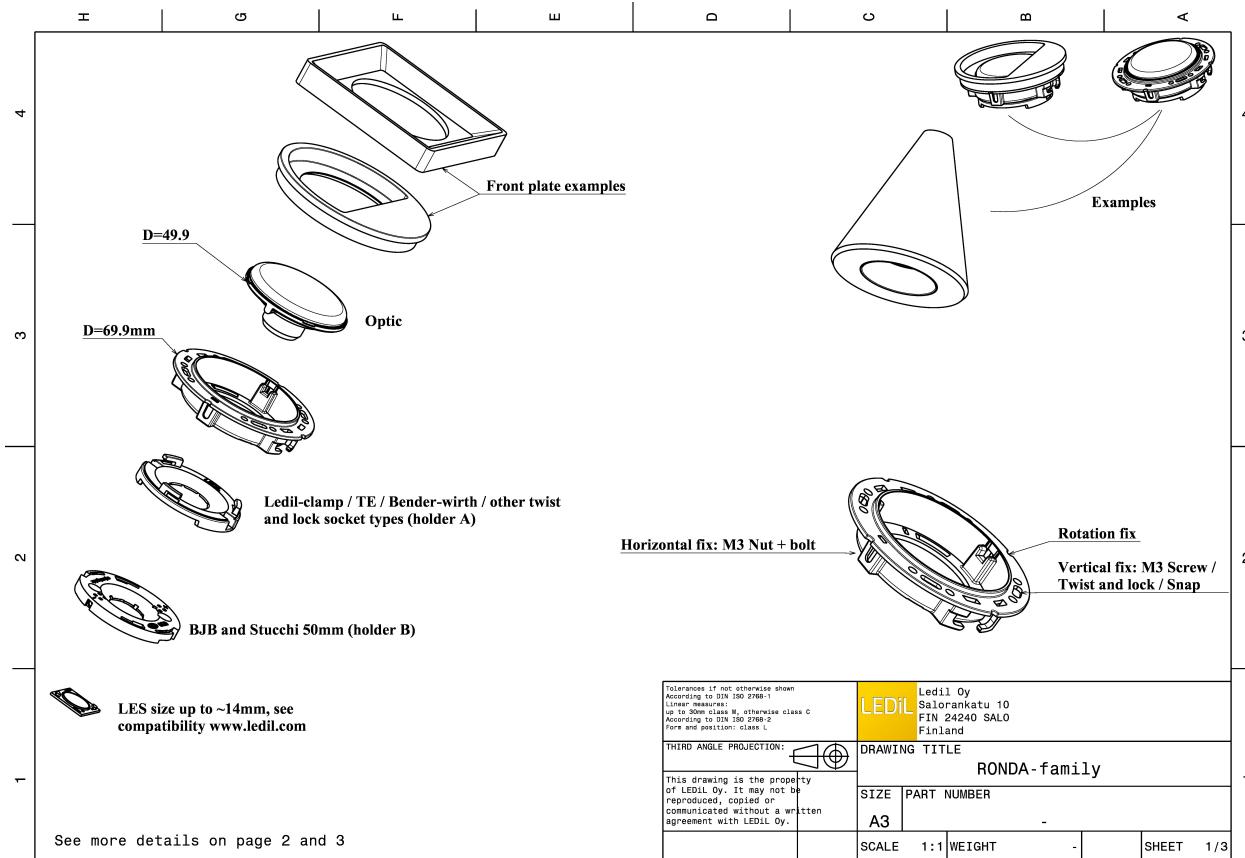


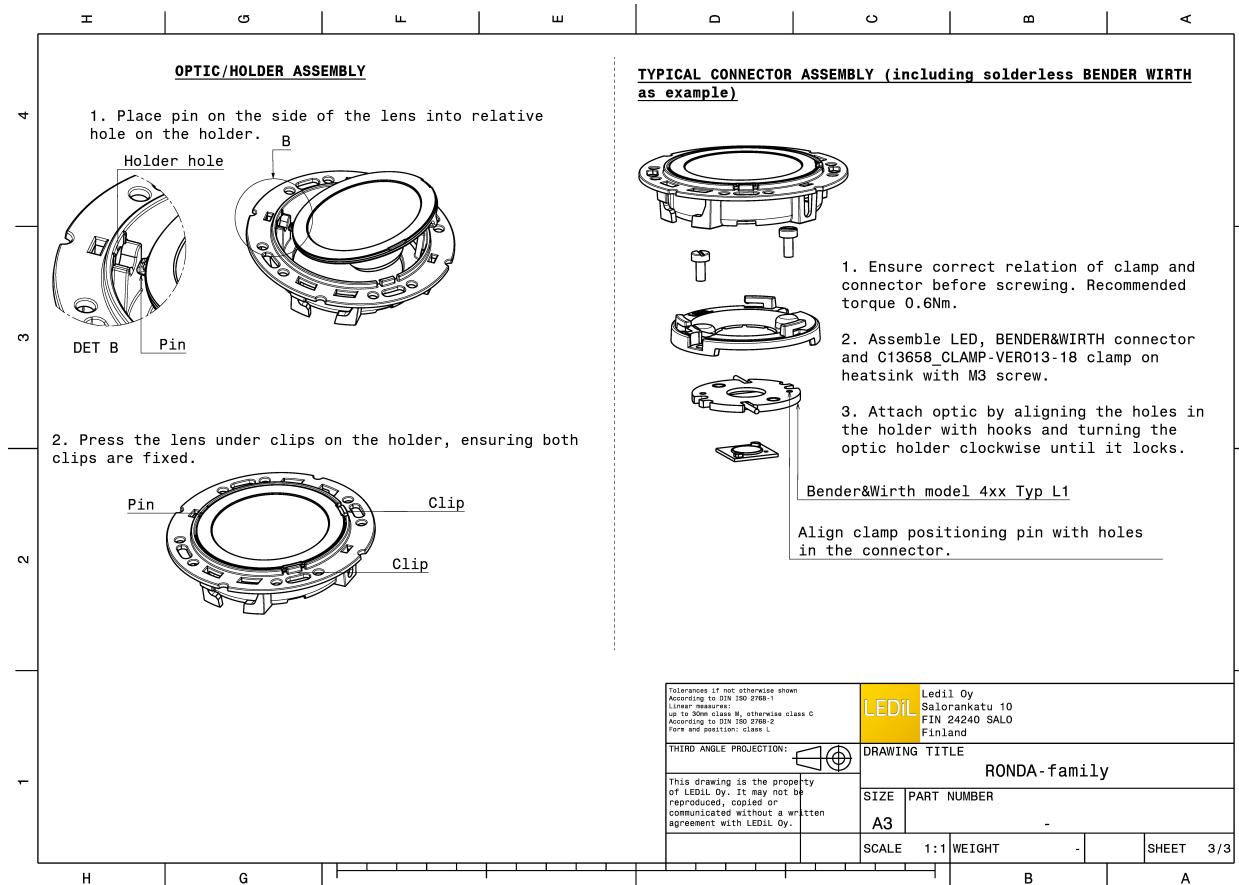
MATERIAL SPECIFICATIONS:

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	420	120	30	0.0
» Box size:				



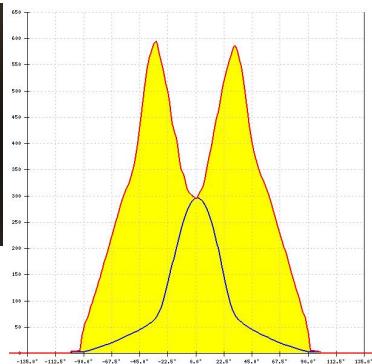
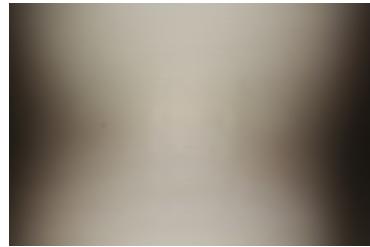


See also our general installation guide: www.ledil.com/installation_guide

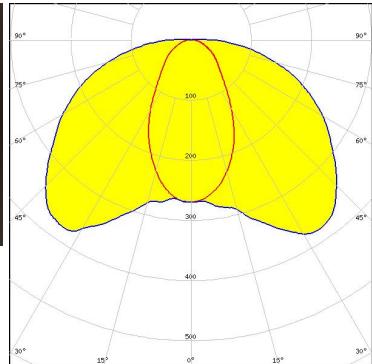
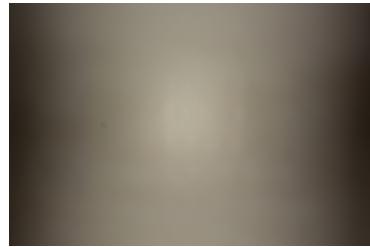
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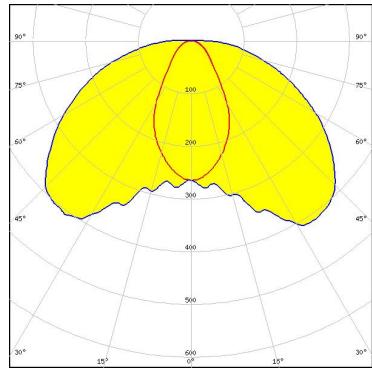
LED V10 Gen7
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 486 Typ L1



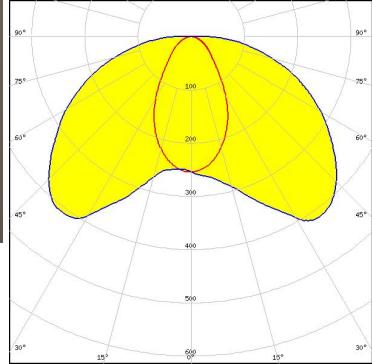
LED V13 Gen7
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED Vero SE 13
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 0.4 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 0.4 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 83 %

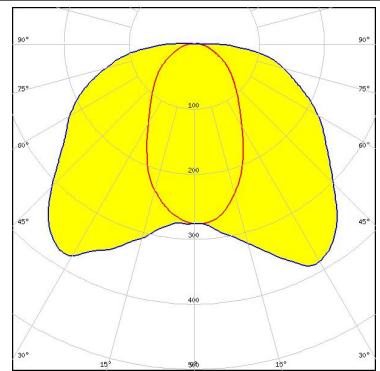
Peak intensity 0.4 cd/lm

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

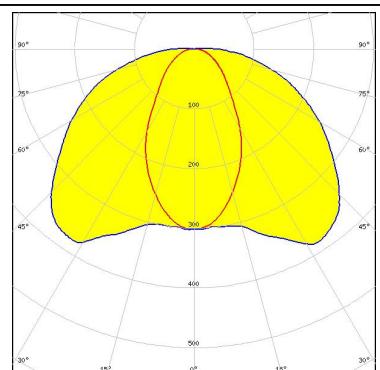
LEDs/each optic 1

Light colour White

Required components:

C16791_CLAMP-Z45-A

TE Connectivity: 2325807-3



CITIZEN

LED CLL04x/CLU04x

FWHM / FWTM Asymmetric

Efficiency 84 %

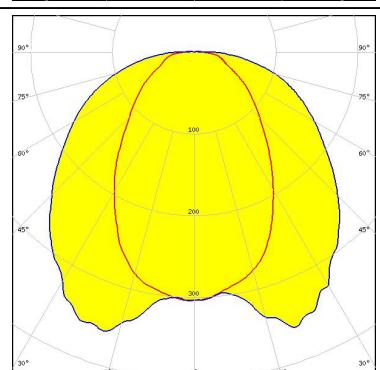
Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:

IDEAL: 50-2204-CT + 50-2100AN



CITIZEN

LED CLU730/731

FWHM / FWTM Asymmetric

Efficiency 85 %

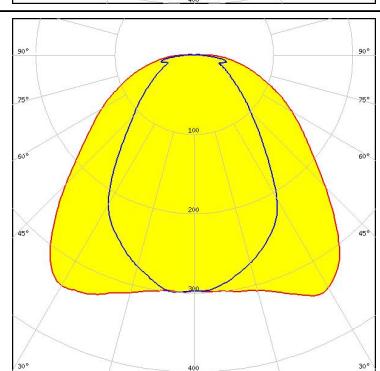
Peak intensity 0.4 cd/lm

LEDs/each optic 1

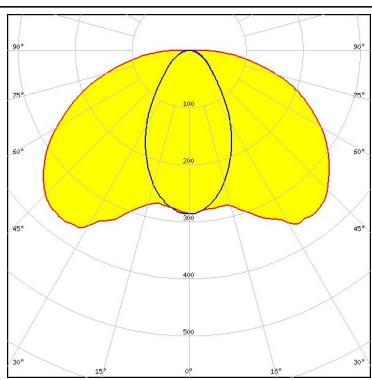
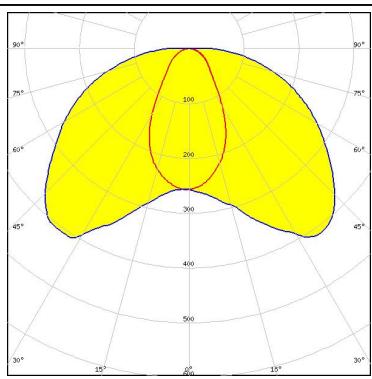
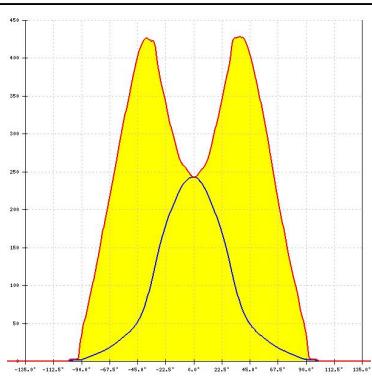
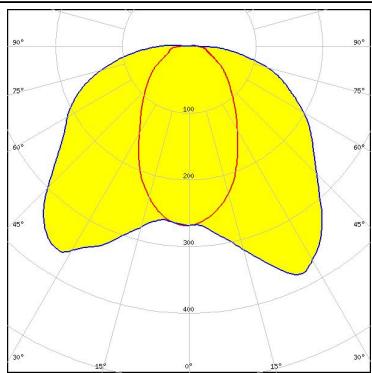
Light colour White

Required components:

IDEAL: 50-2204-CT + 50-2100AN



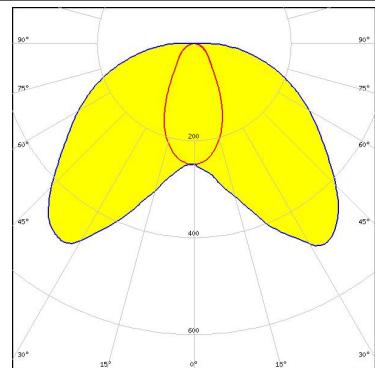
PHOTOMETRIC DATA (MEASURED):

<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 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>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>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>	

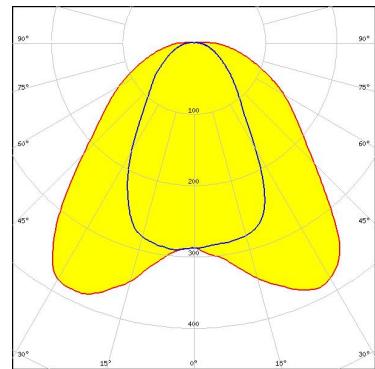
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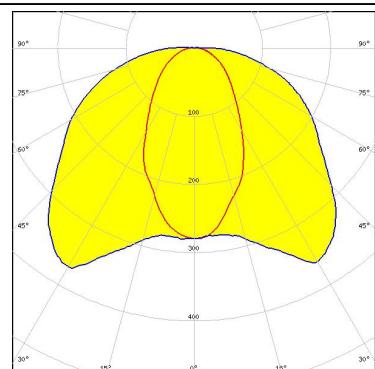
LED	COB L-Type (LES 11)
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	TE Connectivity: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



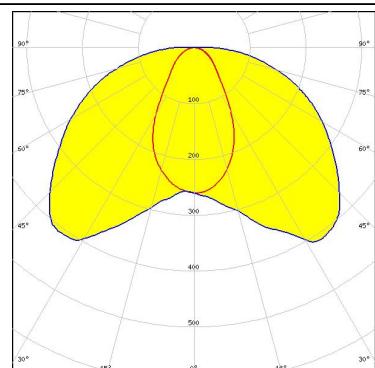
LED	COB L-Type (LES 11)
FWHM / FWTM	Asymmetric
Efficiency	84 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	IDEAL: 50-2100NC + 50-2100AN



LED	PrevalLED 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	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



PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED Soleriq S13 19x19

FWHM / FWTM Asymmetric

Efficiency 84 %

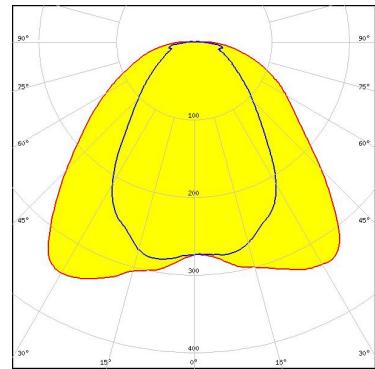
Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:

IDEAL: 50-2103CT + 50-2100AN



PHILIPS

LED Fortimo SLM L13 + SLM holder

FWHM / FWTM Asymmetric

Efficiency 83 %

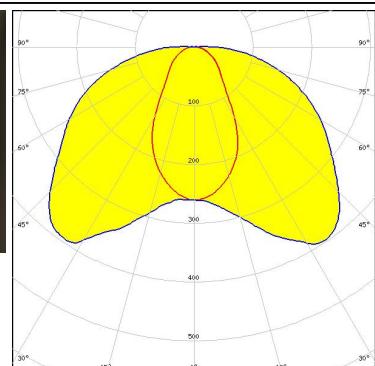
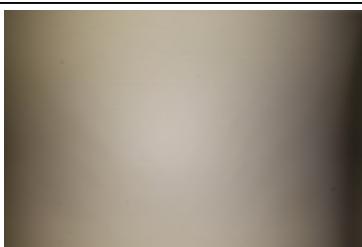
Peak intensity 0.4 cd/lm

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 %

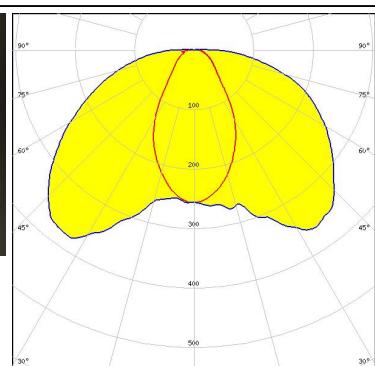
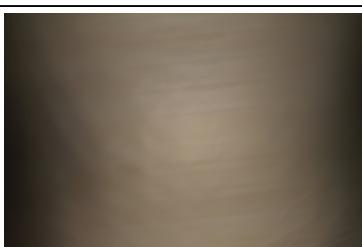
Peak intensity 0.4 cd/lm

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 %

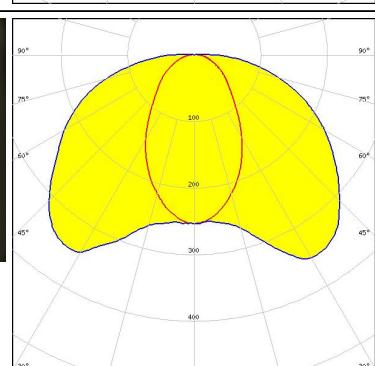
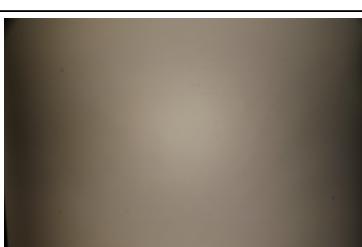
Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:

TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



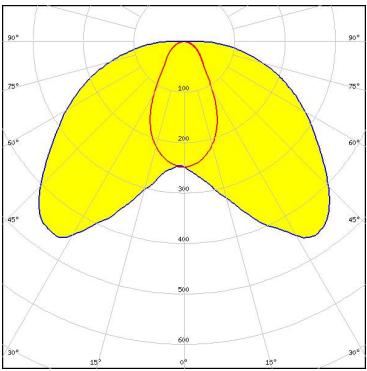
PHOTOMETRIC DATA (MEASURED):

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

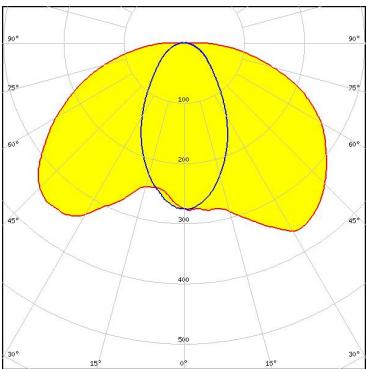


SEOUL SEMICONDUCTOR

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

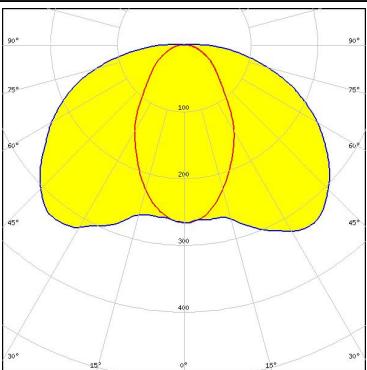
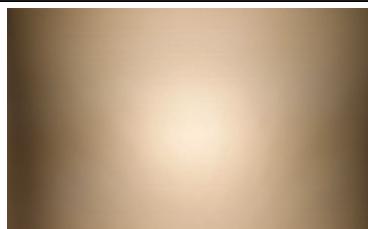


SEOUL SEMICONDUCTOR

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

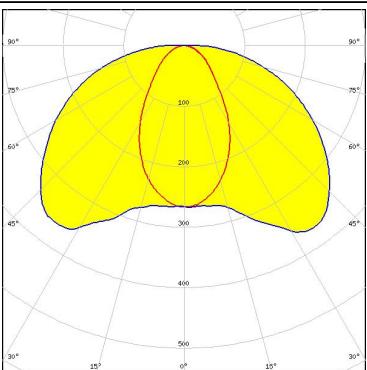


VS LIGHTING SOLUTIONS

LED	WU-M-484
FWHM / FWTM	Asymmetric
Efficiency	85 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

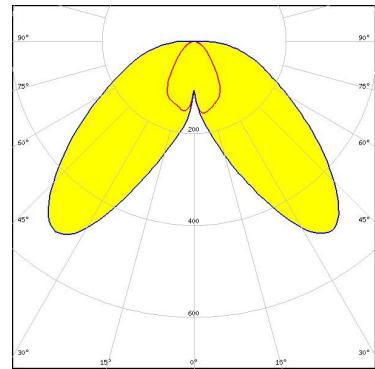
TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



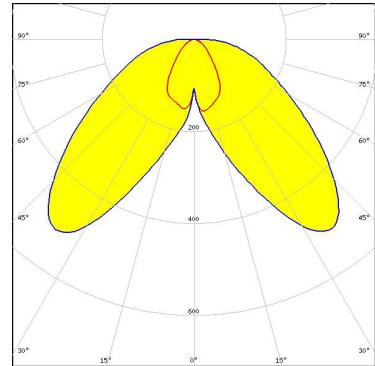
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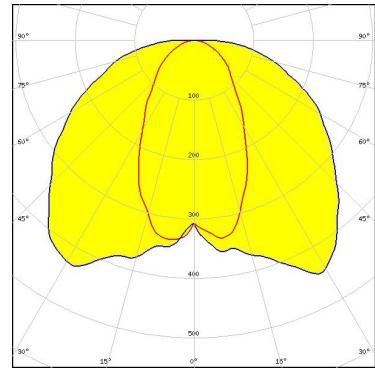
LED V10 Gen6
FWHM / FWTM Asymmetric
Efficiency 86 %
LEDs/each optic 1
Light colour White
Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 455 Typ L1



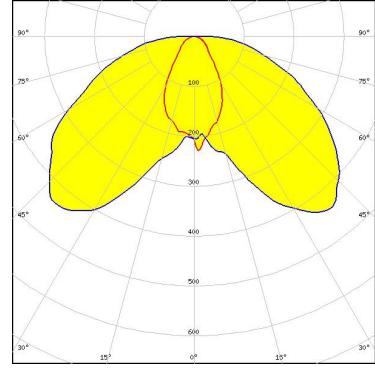
LED V10 Gen6
FWHM / FWTM Asymmetric
Efficiency 86 %
LEDs/each optic 1
Light colour White
Required components:
 C14123_CLAMP-CXA15-18



LED V13 Gen7
FWHM / FWTM Asymmetric
Efficiency 90 %
LEDs/each optic 1
Light colour White
Required components:
 IDEAL: 50-2103CT + 50-2100AN



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



PHOTOMETRIC DATA (SIMULATED):

CITIZEN

LED CLL02x/CLU02x (LES10)

FWHM / FWTM Asymmetric

Efficiency 86 %

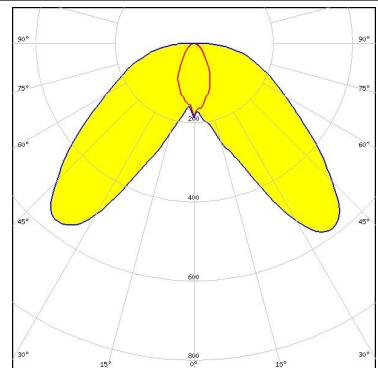
LEDs/each optic 1

Light colour White

Required components:

C13658_CLAMP-VERO13-18

Bender Wirth: 434 Typ L1



CITIZEN

LED CLU700/701/702

FWHM / FWTM Asymmetric

Efficiency 87 %

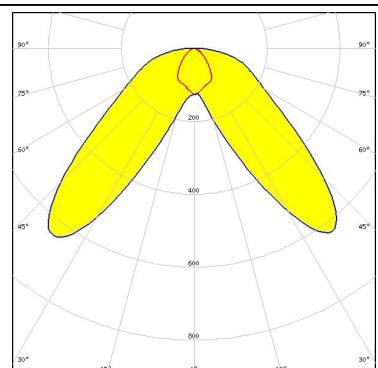
LEDs/each optic 1

Light colour White

Required components:

C13658_CLAMP-VERO13-18

Bender Wirth: 434 Typ L1



CITIZEN

LED CLU710/711

FWHM / FWTM Asymmetric

Efficiency 87 %

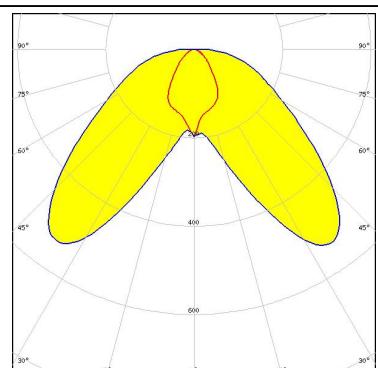
LEDs/each optic 1

Light colour White

Required components:

C13658_CLAMP-VERO13-18

Bender Wirth: 470 Typ L1



CREE → LED

LED CXA/B 13xx

FWHM / FWTM Asymmetric

Efficiency 88 %

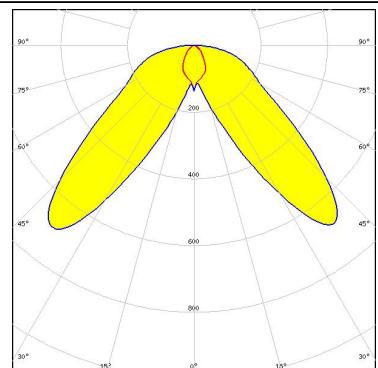
LEDs/each optic 1

Light colour White

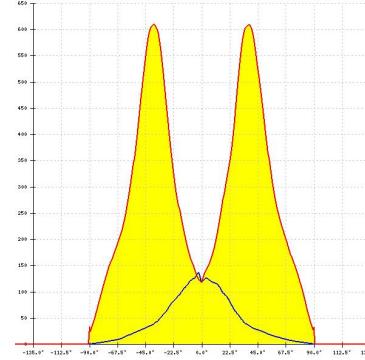
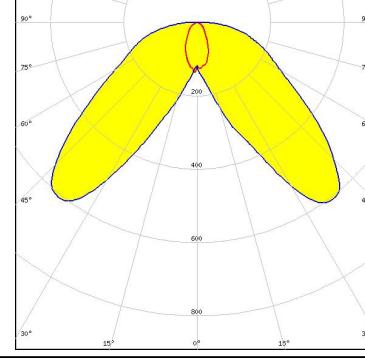
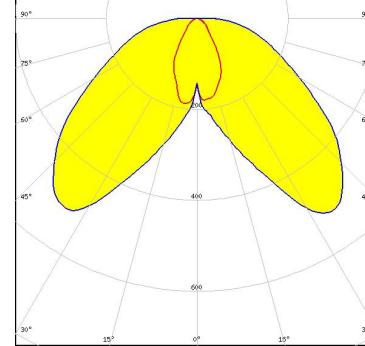
Required components:

C13658_CLAMP-VERO13-18

Bender Wirth: 448 Typ L1



PHOTOMETRIC DATA (SIMULATED):

<p>CREE → LED</p> <p>LED CXA/B 15xx FWHM / FWTM Asymmetric Efficiency 87 % LEDs/each optic 1 Light colour White Required components: C14123_CLAMP-CXA15-18</p>	
<p>CREE → LED</p> <p>LED CXA/B 15xx FWHM / FWTM 42.0° Efficiency % LEDs/each optic 1 Light colour White Required components: C14123_CLAMP-CXA15-18</p>	
<p>CREE → LED</p> <p>LED CXA/B 1830 FWHM / FWTM Asymmetric Efficiency 85 % LEDs/each optic 1 Light colour White Required components: C14123_CLAMP-CXA15-18</p>	
<p>LUMILEDS</p> <p>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</p>	

PHOTOMETRIC DATA (SIMULATED):



LED LUXEON CoB 1202s

FWHM / FWTM Asymmetric

Efficiency 87 %

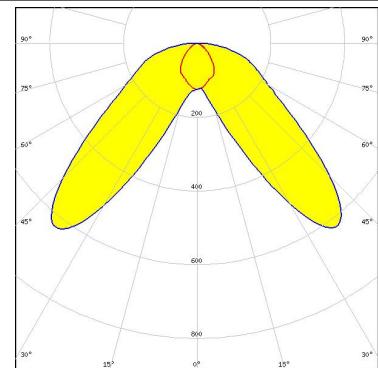
LEDs/each optic 1

Light colour White

Required components:

C13658_CLAMP-VERO13-18

Bender Wirth: 452 Typ L1



LED COB L-Type (LES 9)

FWHM / FWTM Asymmetric

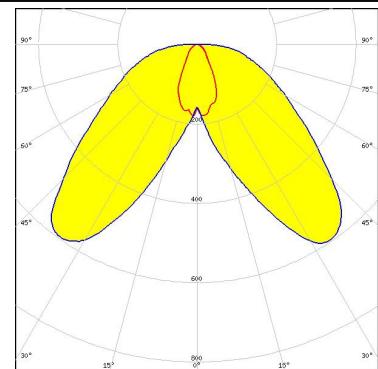
Efficiency 85 %

LEDs/each optic 1

Light colour White

Required components:

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



LED NSCxL036A

FWHM / FWTM Asymmetric

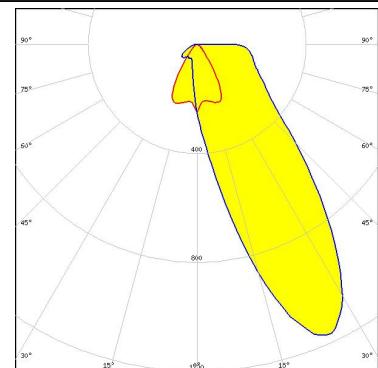
Efficiency 87 %

LEDs/each optic 1

Light colour White

Required components:

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



LED Mini Zenigata (GW6BM)

FWHM / FWTM Asymmetric

Efficiency 86 %

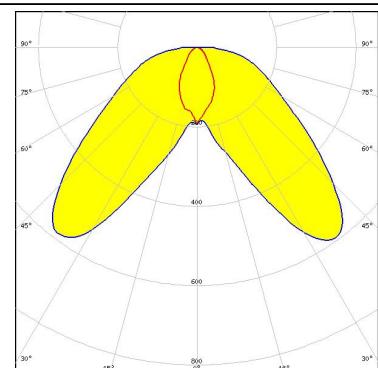
LEDs/each optic 1

Light colour White

Required components:

C13658_CLAMP-VERO13-18

Bender Wirth: 452 Typ L1



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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