

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:

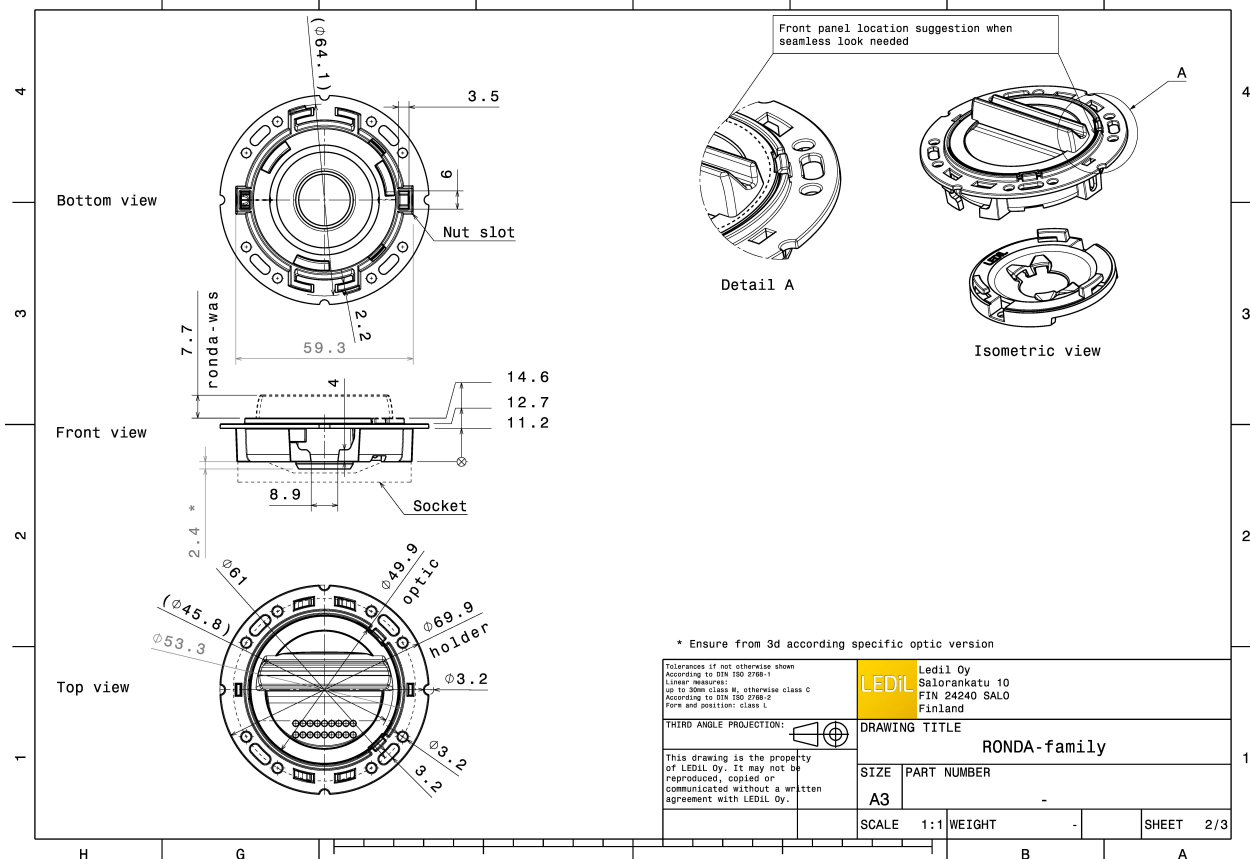
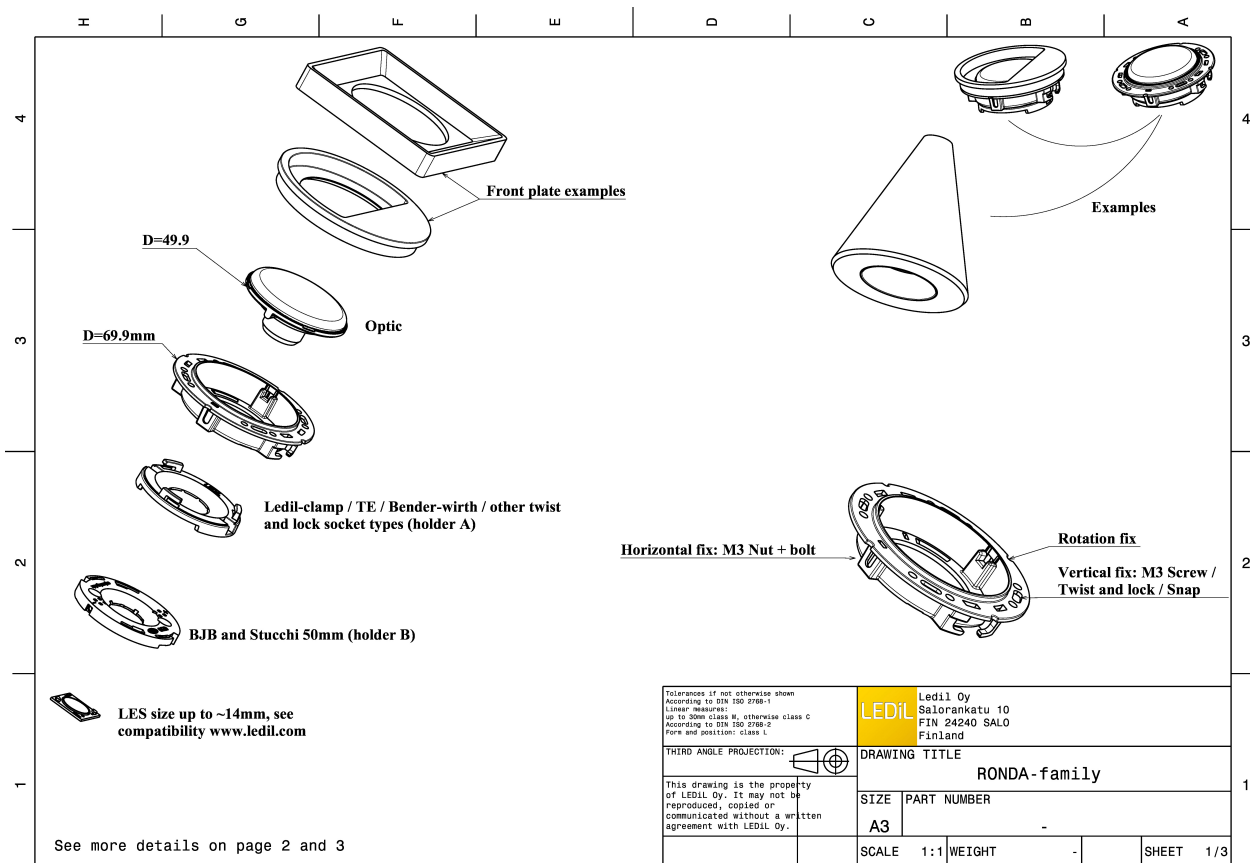
Component	Type	Material	Colour	Finish	Length
F15159_RONDA-ZT45	Single lens	PMMA	clear		49.9
F15155_RONDA-HLD-A	Holder	PC	white		69.9

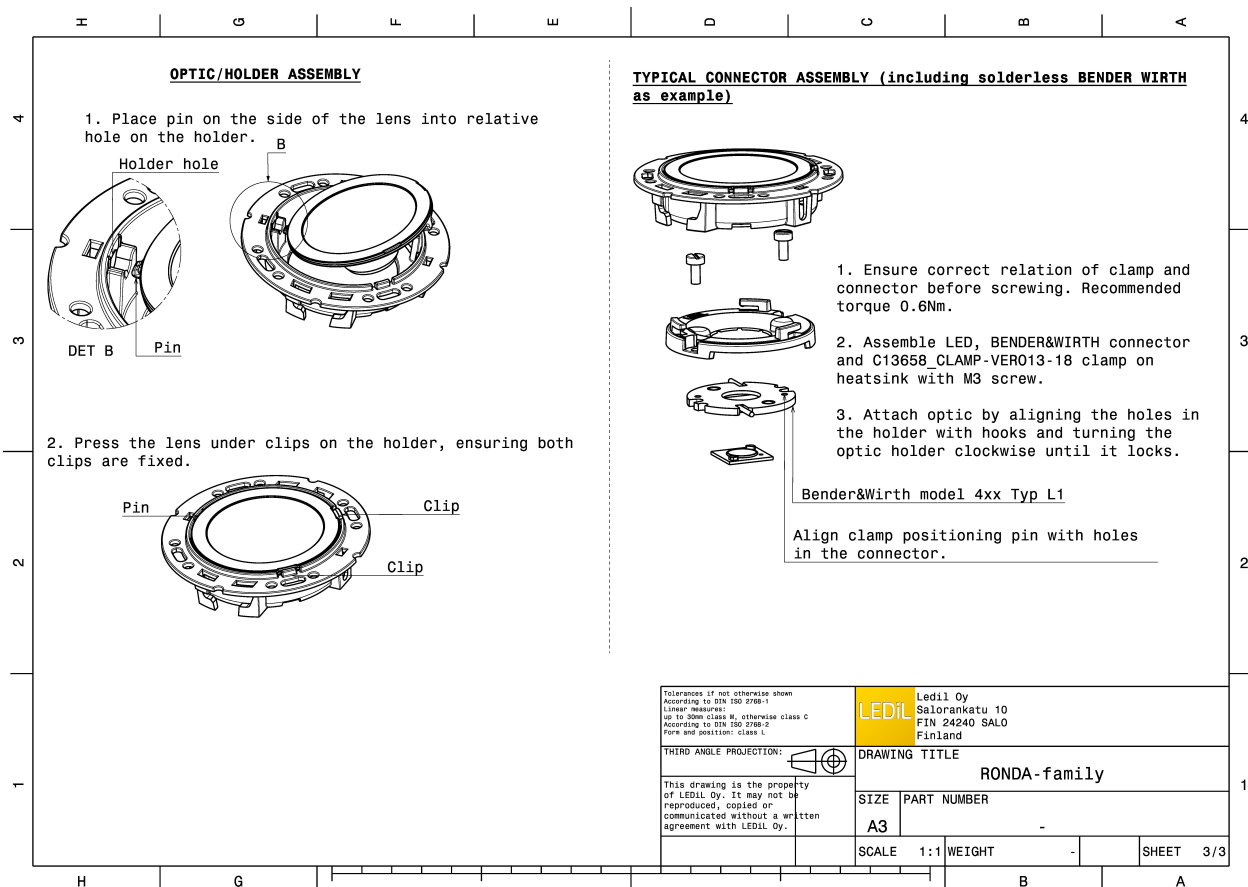
ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1

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



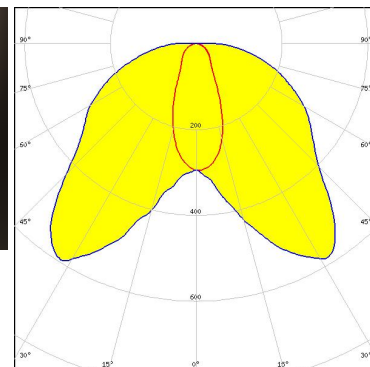
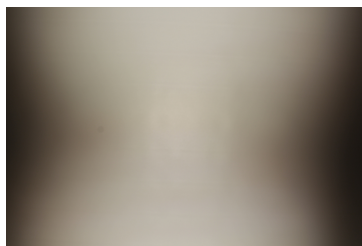


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



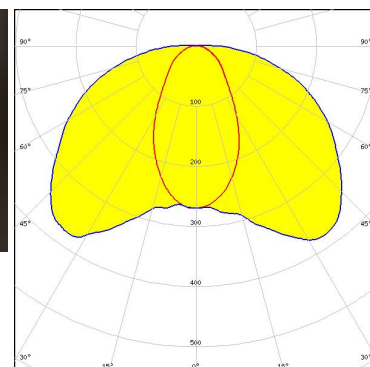
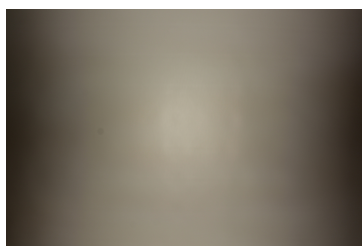
LED V10 Gen7
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 486 Typ L1



Light distribution files



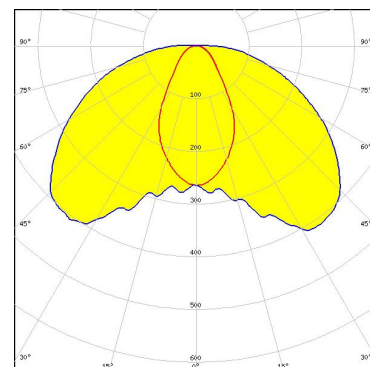
LED V13 Gen7
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 TE Connectivity: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



Light distribution files



LED Vero SE 13
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C16402_CLAMP-VEROSE-13-18

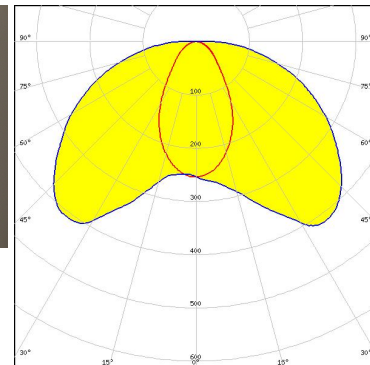
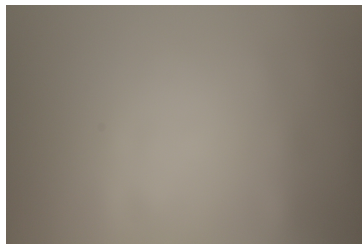


Light distribution files

OPTICAL RESULTS (MEASURED):



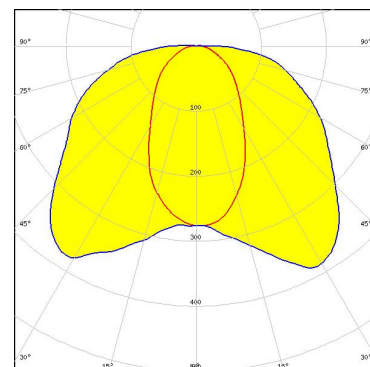
LED VERO13
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13658_CLAMP-VERO13-18



Light distribution files

CITIZEN

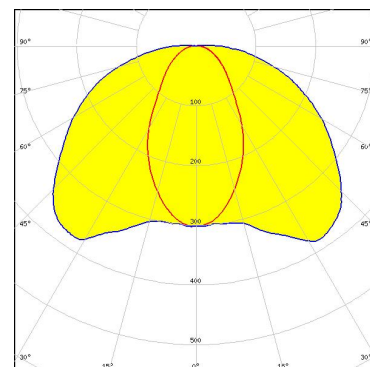
LED CLL03x/CLU03x
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
IDEAL: 50-2103CT + 50-2100AN



Light distribution files

CITIZEN

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

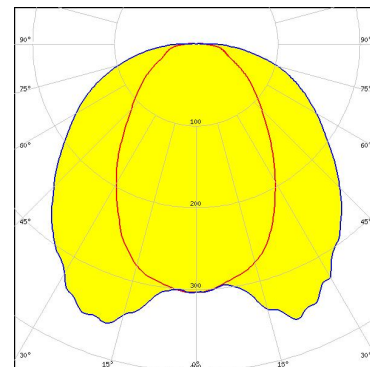


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

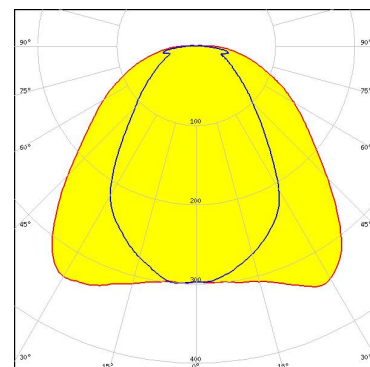
LED CLL04x/CLU04x
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
IDEAL: 50-2204-CT + 50-2100AN



Light distribution files

CITIZEN

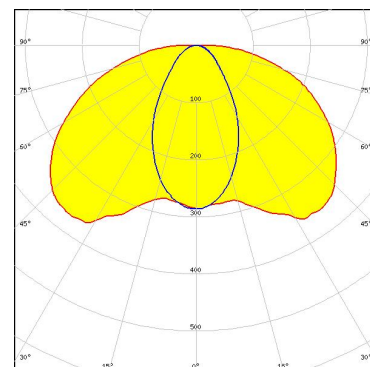
LED CLU730/731/733
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
IDEAL: 50-2204-CT + 50-2100AN



Light distribution files



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

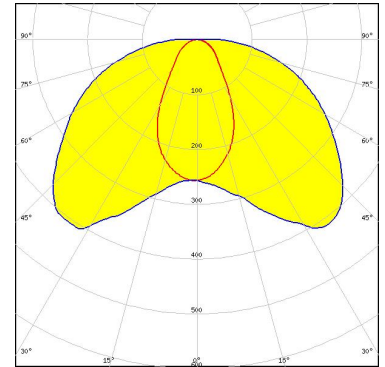


Light distribution files

OPTICAL RESULTS (MEASURED):



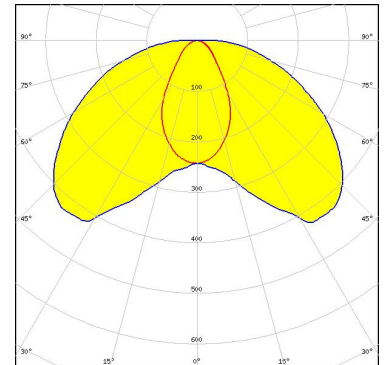
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 TE Connectivity: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



Light distribution files



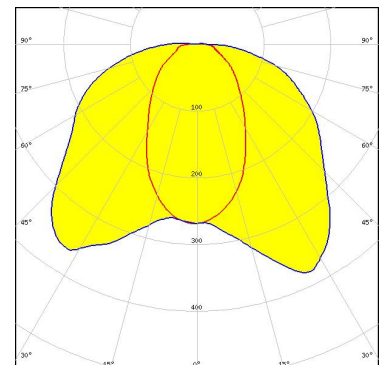
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14123_CLAMP-CXA15-18



Light distribution files



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



Light distribution files

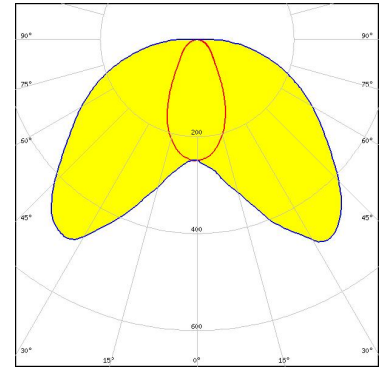
OPTICAL RESULTS (MEASURED):



LED COB L-Type (LES 11)
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

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



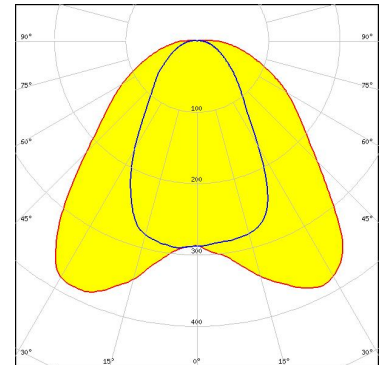
Light distribution files



LED COB L-Type (LES 11)
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

IDEAL: 50-2100NC + 50-2100AN



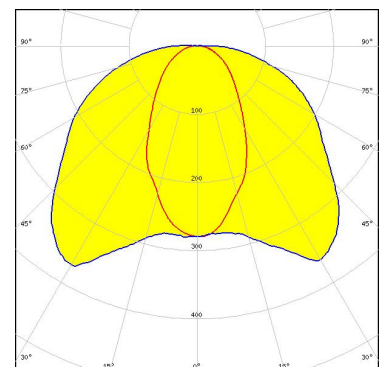
Light distribution files



LED PrevaLED Core G7 L15 H1
FWHM / FWTM Asymmetric
Efficiency 78 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C16685_CLAMP-PRV-A



Light distribution files

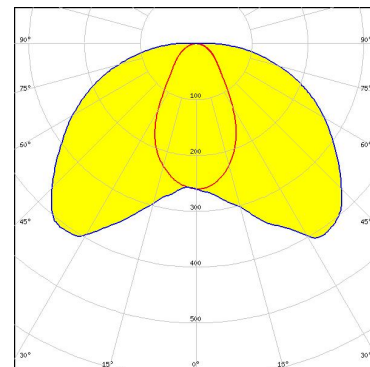
OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

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

Required components:

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



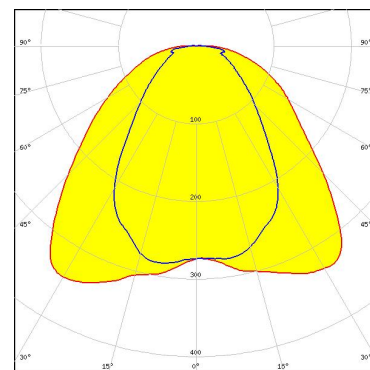
Light distribution files

OSRAM
Opto Semiconductors

LED Soleriq S13 19x19
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

IDEAL: 50-2103CT + 50-2100AN



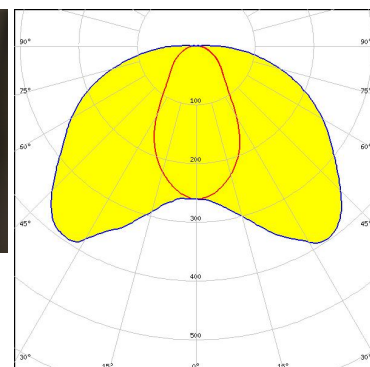
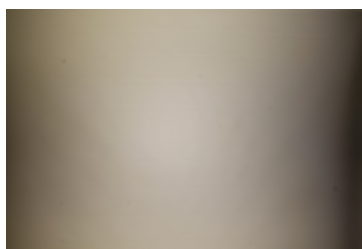
Light distribution files

PHILIPS

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

Required components:

TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



Light distribution files

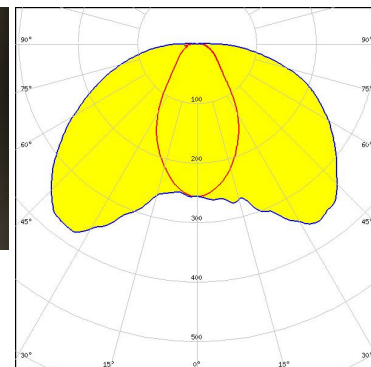
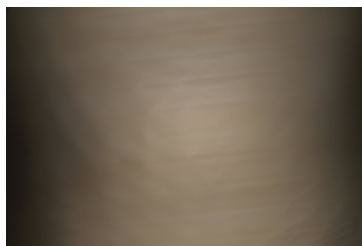
OPTICAL RESULTS (MEASURED):

PHILIPS

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

Required components:

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



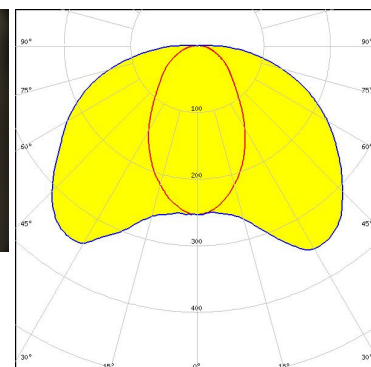
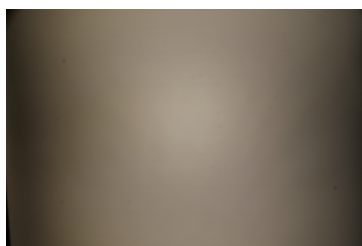
Light distribution files

PHILIPS

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

Required components:

TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



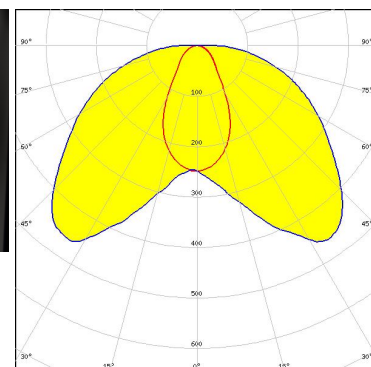
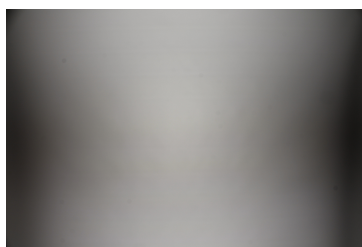
Light distribution files

SAMSUNG

LED LC040C
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

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

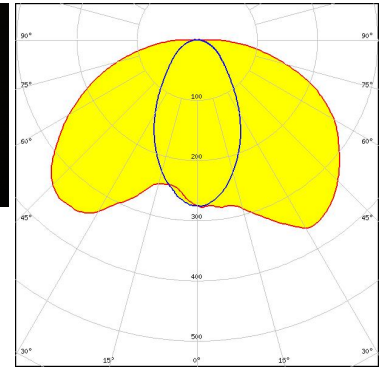
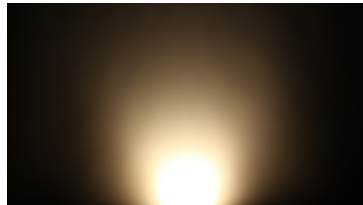


Light distribution files

OPTICAL RESULTS (MEASURED):



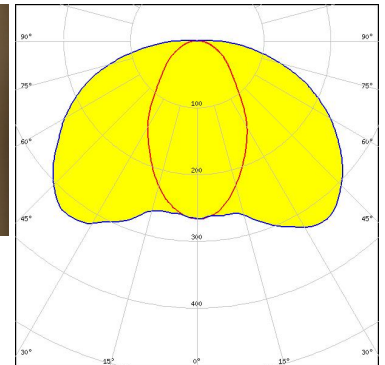
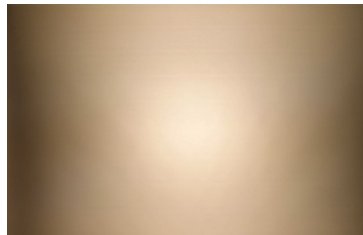
LED AC Zhaga COB
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
Optosource: SEHSMJD-A



Light distribution files



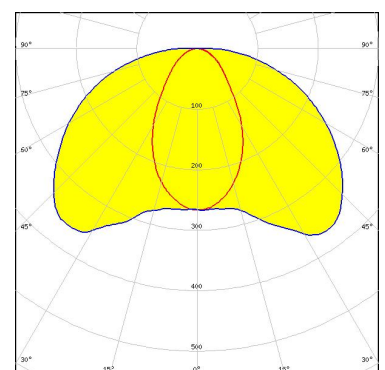
LED MJT COB LES 14.5
FWHM / FWTM Asymmetric
Efficiency 81 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
TE Connectivity: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



Light distribution files



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



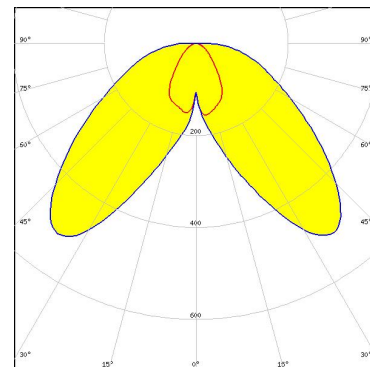
Light distribution files

OPTICAL RESULTS (SIMULATED):



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

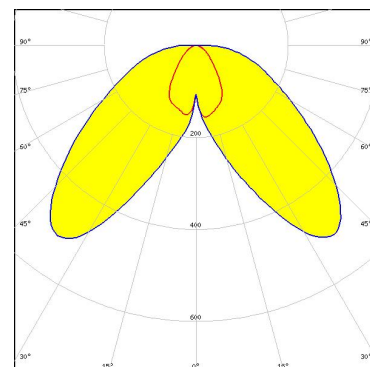
Bender Wirth: 455 Typ L1



Light distribution files



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

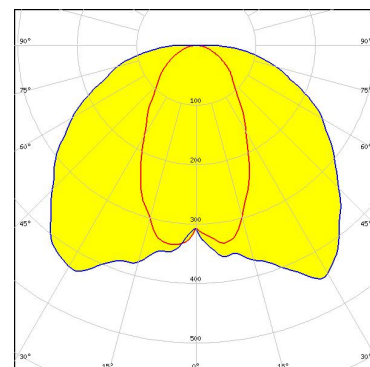


Light distribution files



LED V13 Gen7
FWHM / FWTM Asymmetric
Efficiency 90 %
LEDs/each optic 1
Light colour/type White
Required components:

IDEAL: 50-2103CT + 50-2100AN



Light distribution files

OPTICAL RESULTS (SIMULATED):

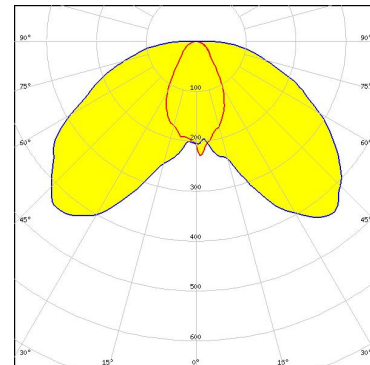


LED V13 Gen7
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C13658_CLAMP-VERO13-18

Bender Wirth: 477 Typ L1



Light distribution files

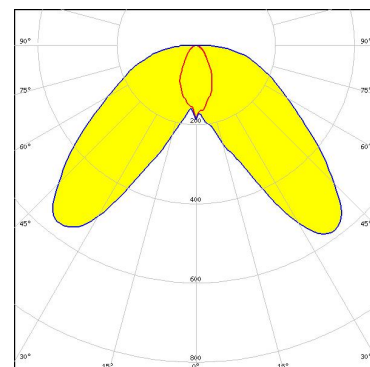
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM / FWTM Asymmetric
Efficiency 86 %
LEDs/each optic 1
Light colour/type White

Required components:

C13658_CLAMP-VERO13-18

Bender Wirth: 434 Typ L1



Light distribution files

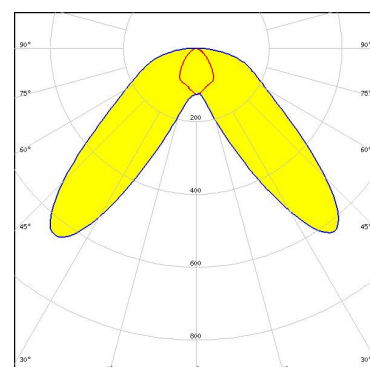
CITIZEN

LED CLU700/701/702/703
FWHM / FWTM Asymmetric
Efficiency 87 %
LEDs/each optic 1
Light colour/type White

Required components:

C13658_CLAMP-VERO13-18

Bender Wirth: 434 Typ L1

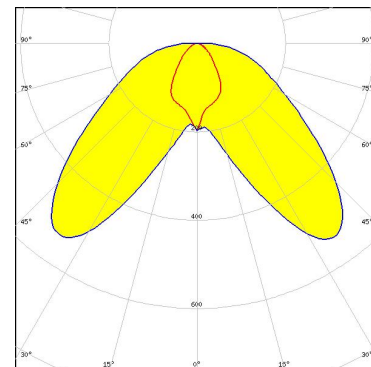


Light distribution files

OPTICAL RESULTS (SIMULATED):

CITIZEN

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

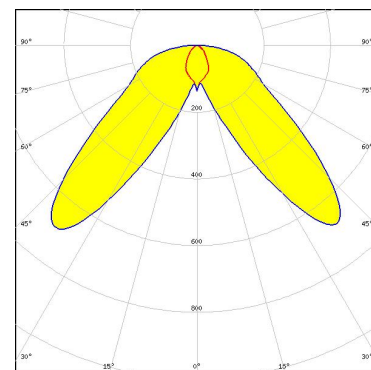


Bender Wirth: 470 Typ L1

Light distribution files



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



Bender Wirth: 448 Typ L1

Light distribution files

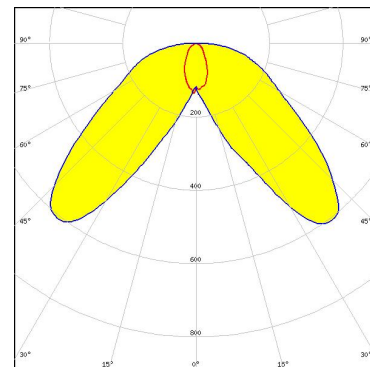


LED CXA/B 15xx
FWHM / FWTM 42.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:
C14123_CLAMP-CXA15-18

OPTICAL RESULTS (SIMULATED):



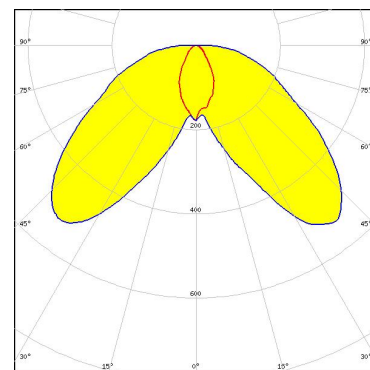
LED CXA/B 15xx
FWHM / FWTM Asymmetric
Efficiency 87 %
LEDs/each optic 1
Light colour/type White
Required components:
C14123_CLAMP-CXA15-18



Light distribution files



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM / FWTM Asymmetric
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:

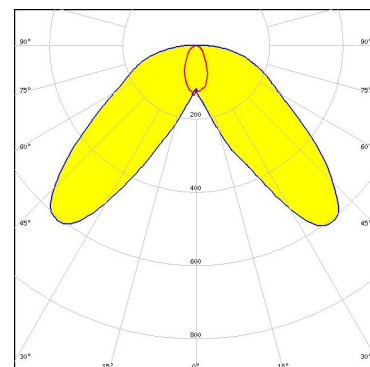


TE Connectivity: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1

Light distribution files



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

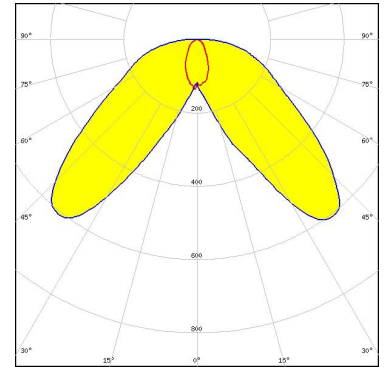


Light distribution files

OPTICAL RESULTS (SIMULATED):



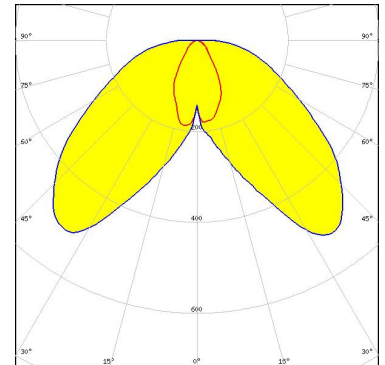
LED CXA/B 1830
FWHM / FWTM Asymmetric
Efficiency 85 %
LEDs/each optic 1
Light colour/type White
Required components:
C14123_CLAMP-CXA15-18



Light distribution files



LED LUXEON CoB 1202/1203
FWHM / FWTM Asymmetric
Efficiency 86 %
LEDs/each optic 1
Light colour/type White
Required components:

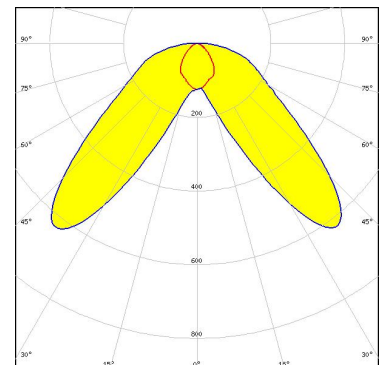


TE Connectivity: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1

Light distribution files



LED LUXEON CoB 1202s
FWHM / FWTM Asymmetric
Efficiency 87 %
LEDs/each optic 1
Light colour/type White
Required components:
C13658_CLAMP-VERO13-18



Bender Wirth: 452 Typ L1

Light distribution files

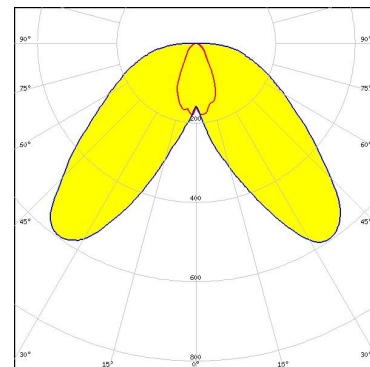
OPTICAL RESULTS (SIMULATED):



LED COB L-Type (LES 9)
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 LEDs/each optic 1
 Light colour/type White
 Required components:

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

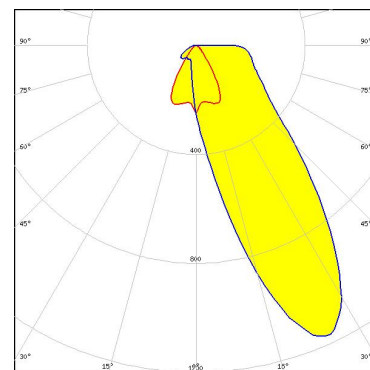
Light distribution files



LED NSCxL036A
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 LEDs/each optic 1
 Light colour/type White
 Required components:

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

Light distribution files

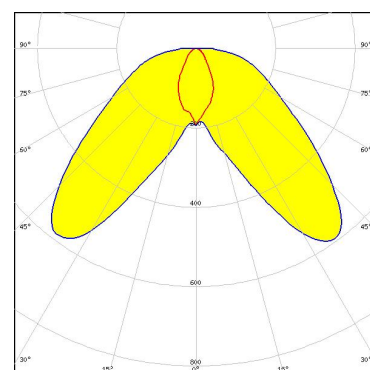


LED Mini Zenigata (GW6BM)
 FWHM / FWTM Asymmetric
 Efficiency 86 %
 LEDs/each optic 1
 Light colour/type White
 Required components:

C13658_CLAMP-VERO13-18

Bender Wirth: 452 Typ L1

Light distribution files



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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