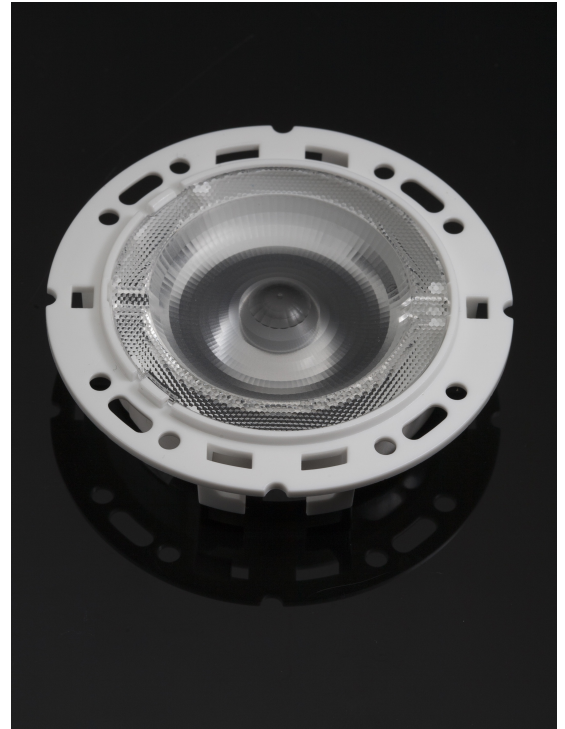


RONDA-W

~45° wide beam with holder A compatible with 3rd party connectors from TE, Bender+Wirth and IDEAL

SPECIFICATION:

Dimensions	Ø 69.9
Height	14 mm
Fastening	socket
ROHS compliant	yes ⓘ



MATERIALS:

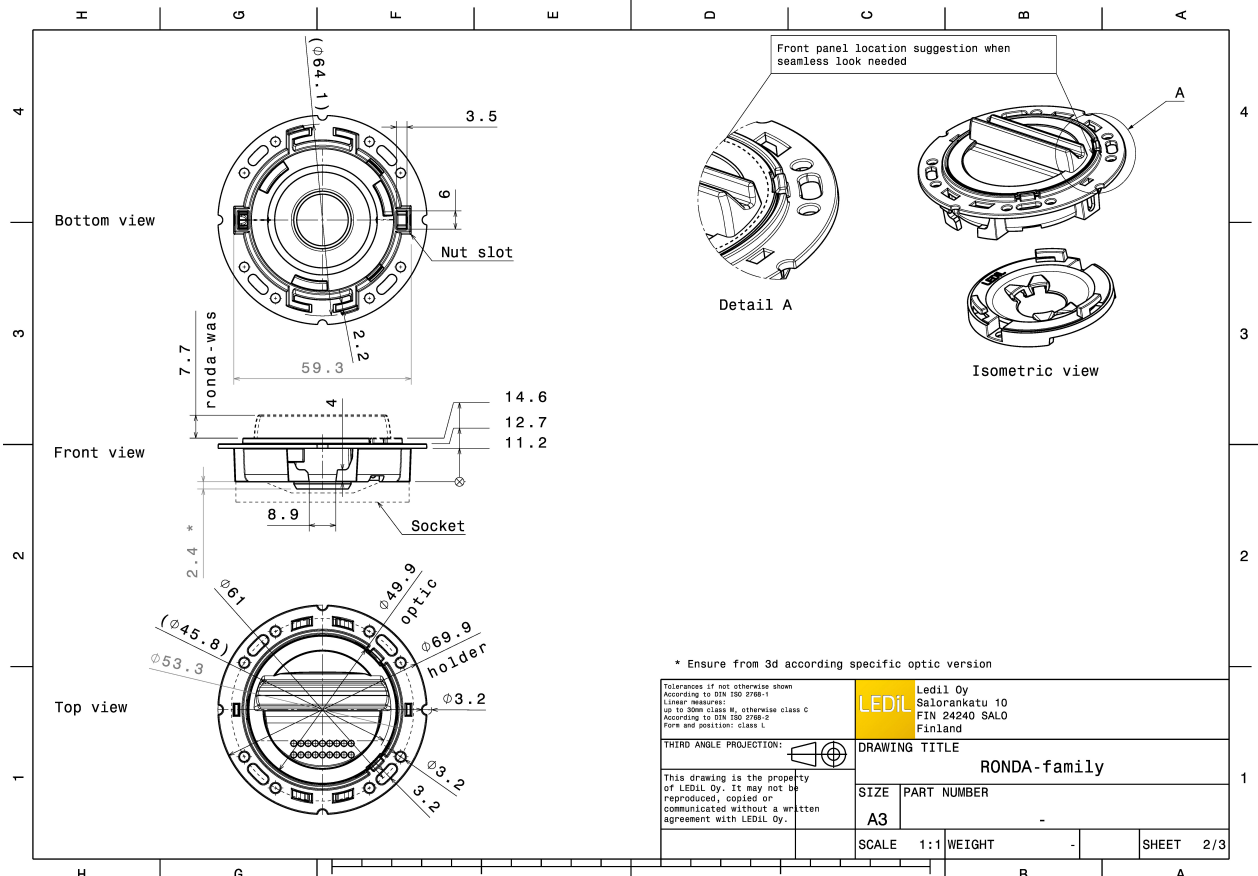
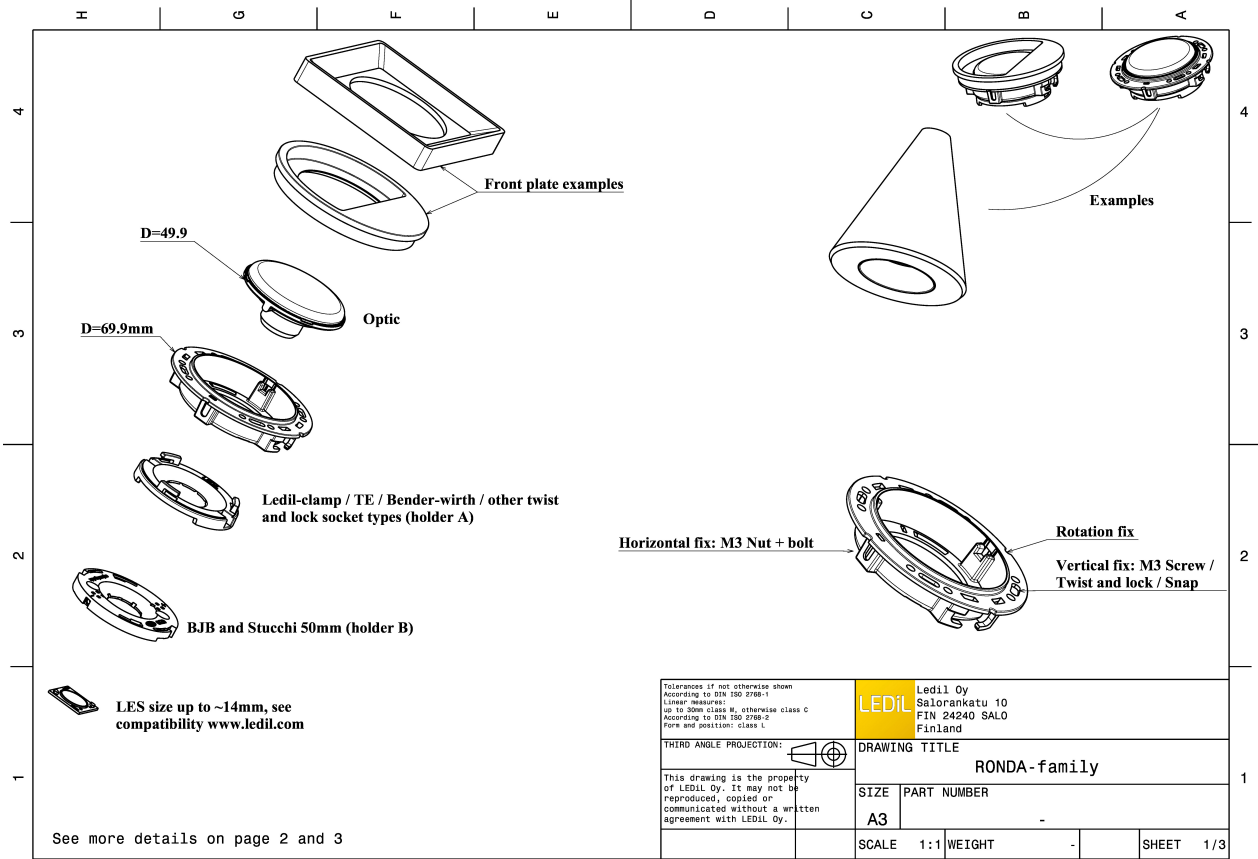
Component	Type	Material	Colour	Finish	Length (mm)
F15443_RONDA-W	Single lens	PMMA	clear		
F15155_RONDA-HLD-A	Holder	PC	white		

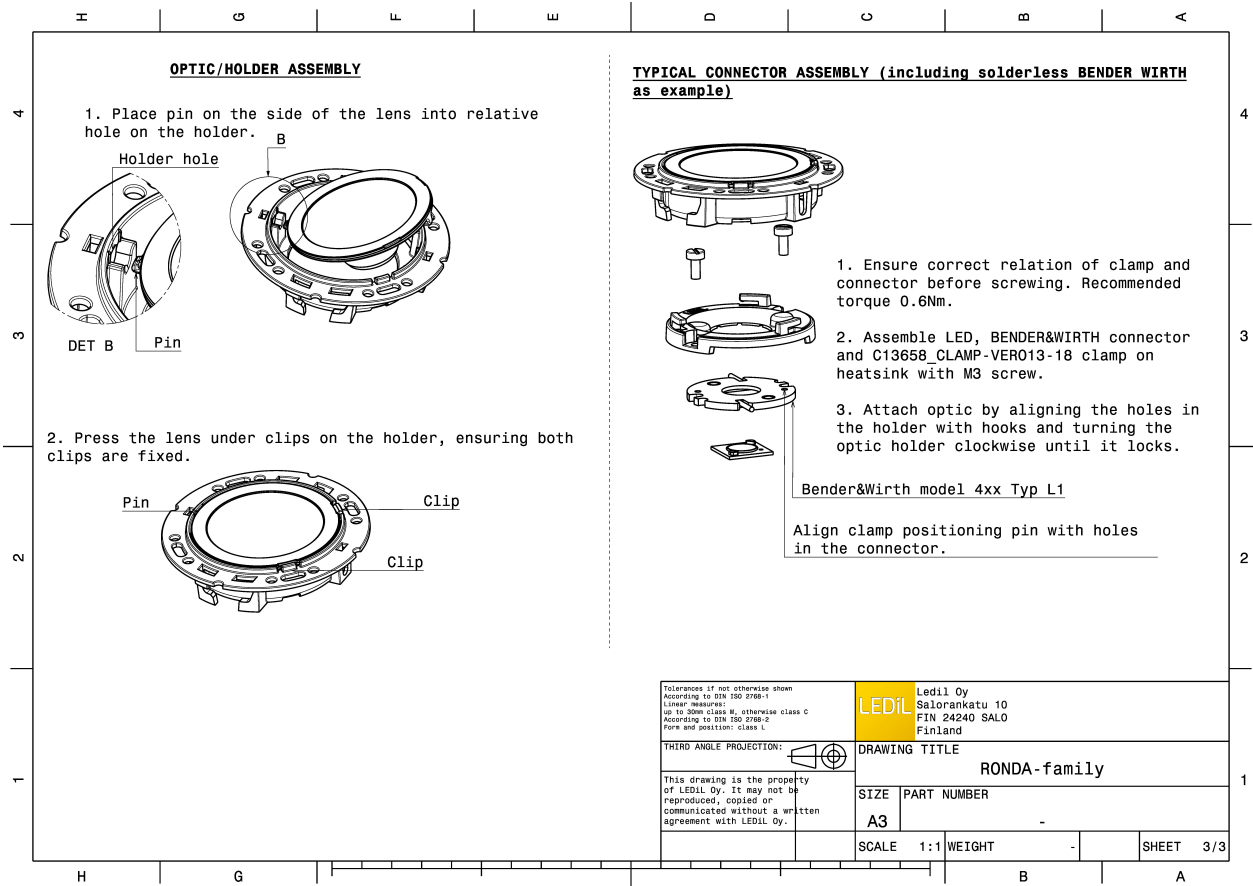
ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
F15443_RONDA-W	Single lens	420	120	30	5.5
» 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

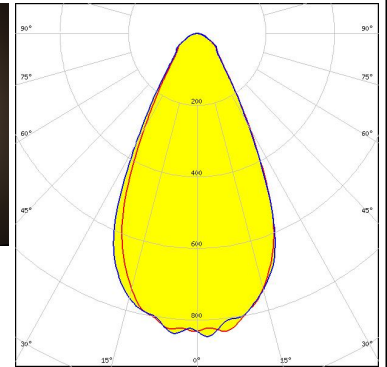
OPTICAL RESULTS (MEASURED):

bridgelux

LED V13 Gen7
 FWHM / FWTM 54.0° / 95.0°
 Efficiency 84 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

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



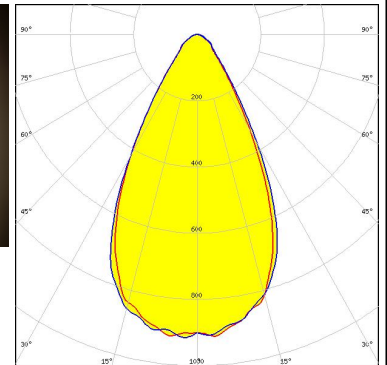
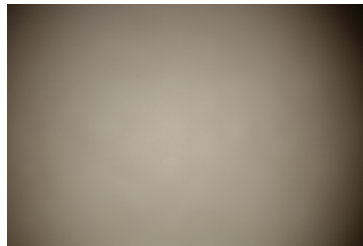
Light distribution files

bridgelux

LED Vero SE 13
 FWHM / FWTM 56.0° / 88.0°
 Efficiency 89 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C16402_CLAMP-VEROSE-13-18



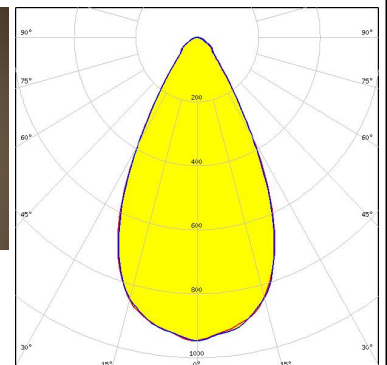
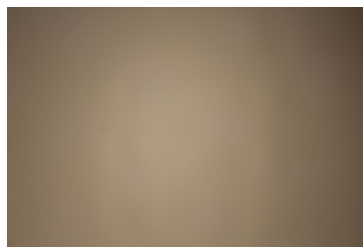
Light distribution files

bridgelux

LED VERO13
 FWHM / FWTM 55.0° / 87.0°
 Efficiency 90 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C13658_CLAMP-VERO13-18

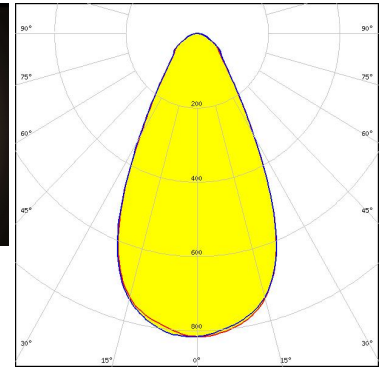


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

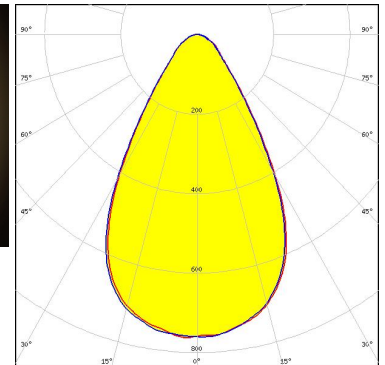
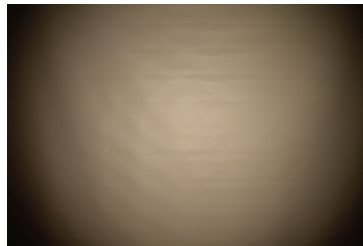
LED CLL03x/CLU03x
 FWHM / FWTM 55.0° / 104.0°
 Efficiency 87 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16791_CLAMP-Z45-A
 TE Connectivity: 2325807-3



Light distribution files



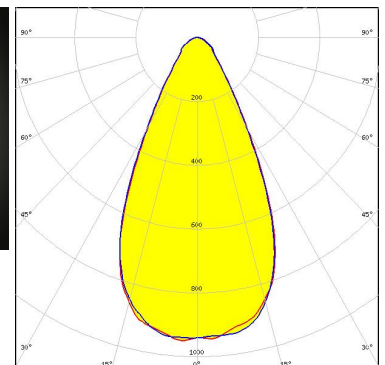
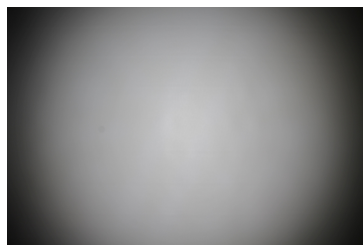
LED CMA1840
 FWHM / FWTM 62.0° / 103.0°
 Efficiency 90 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14123_CLAMP-CXA15-18



Light distribution files



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM / FWTM 62.0° / 97.0°
 Efficiency 88 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 TE Connectivity: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1

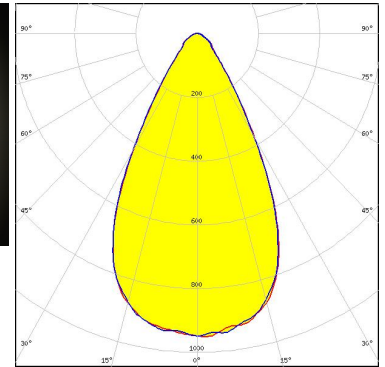
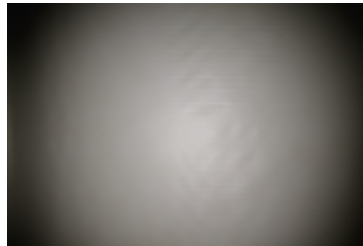


Light distribution files

OPTICAL RESULTS (MEASURED):



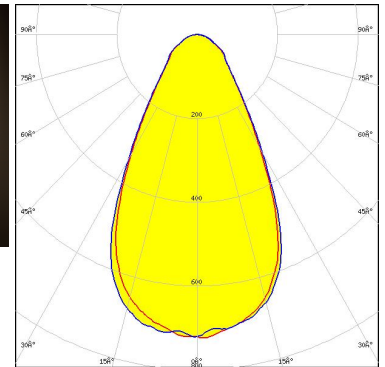
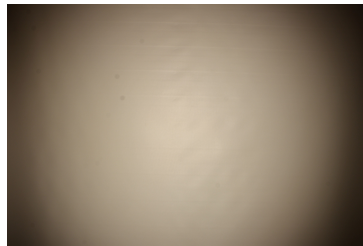
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM / FWTM 56.0° / 86.0°
 Efficiency 91 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14123_CLAMP-CXA15-18



Light distribution files



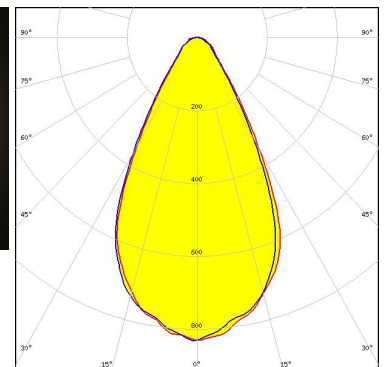
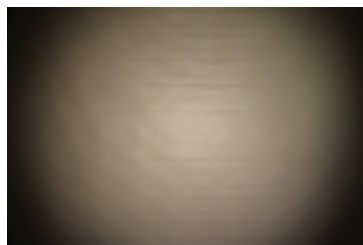
LED PrevaLED Core G7 L15 H1
 FWHM / FWTM 57.0° / 116.0°
 Efficiency 85 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16685_CLAMP-PRV-A



Light distribution files



LED Fortimo SLM L13 CoB
 FWHM / FWTM 56.0° / 91.0°
 Efficiency 84 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 TE Connectivity: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1

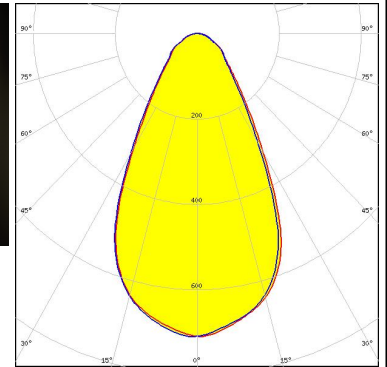
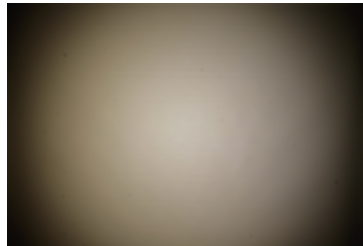


Light distribution files

OPTICAL RESULTS (MEASURED):

PHILIPS

LED Fortimo SLM L15 + SLM holder
FWHM / FWTM 57.0° / 114.0°
Efficiency 83 %
Peak intensity 0.7 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):

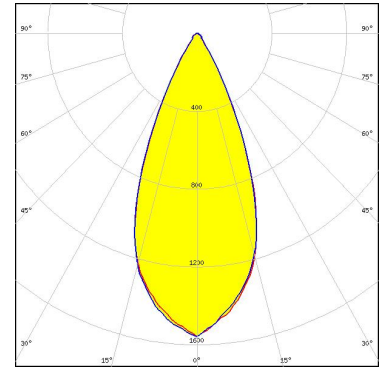


LED V10 Gen6
 FWHM / FWTM 44.0° / 66.0°
 Efficiency %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C13658_CLAMP-VERO13-18

Bender Wirth: 455 Typ L1



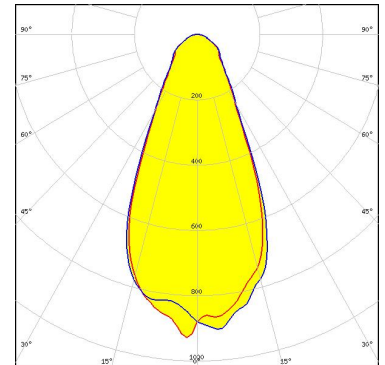
Light distribution files



LED V13 Gen7
 FWHM / FWTM 46.0° / 102.0°
 Efficiency 83 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

IDEAL: 50-2103CT + 50-2100AN



Light distribution files

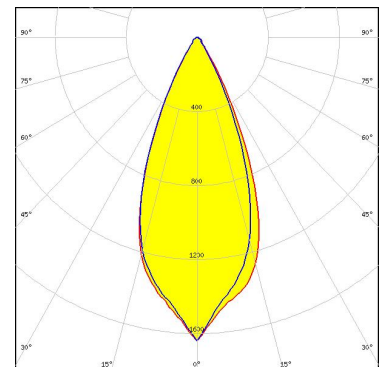
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM / FWTM 42.0° / 65.0 + 66.0°
 Efficiency %
 Peak intensity 1.6 cd/lm
 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):

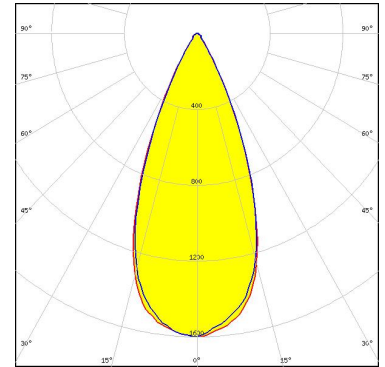
CITIZEN

LED CLU710/711
FWHM / FWTM 44.0° / 65.0°
Efficiency %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C13658_CLAMP-VERO13-18

Bender Wirth: 470 Typ L1



Light distribution files

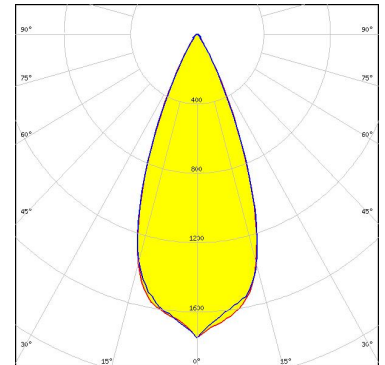


LED CXA/B 15xx
FWHM / FWTM 42.0° / 62.0°
Efficiency %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C13658_CLAMP-VERO13-18

Bender Wirth: 441 Typ L1



Light distribution files

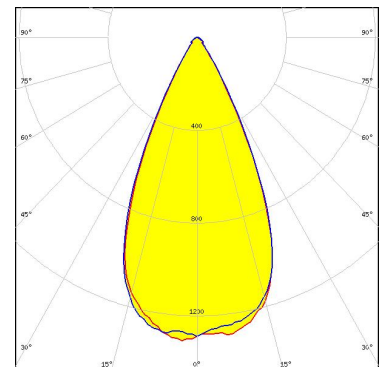


LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM / FWTM 48.0° / 68.0°
Efficiency %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C13658_CLAMP-VERO13-18

Bender Wirth: 437 Typ L1



Light distribution files

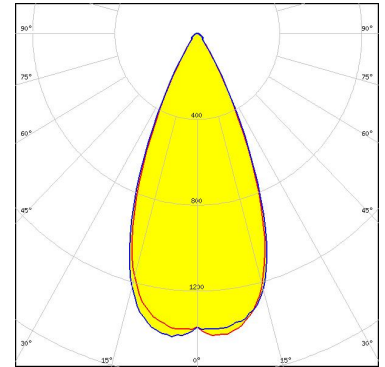
OPTICAL RESULTS (SIMULATED):



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM / FWTM 45.0° / 67.0 + 66.0°
 Efficiency %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

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

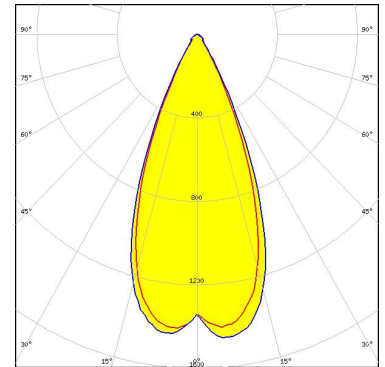
Light distribution files



LED LUXEON CoB 1202/1203
 FWHM / FWTM 43.0° / 66.0 + 64.0°
 Efficiency %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

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

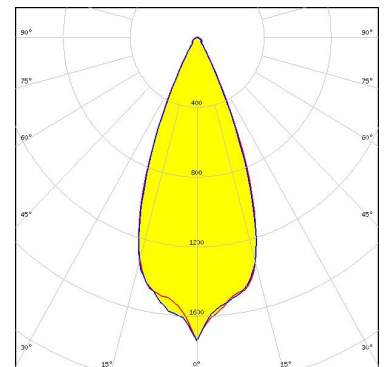
Light distribution files



LED COB L-Type (LES 9)
 FWHM / FWTM 42.0° / 60.0°
 Efficiency %
 Peak intensity 1.7 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



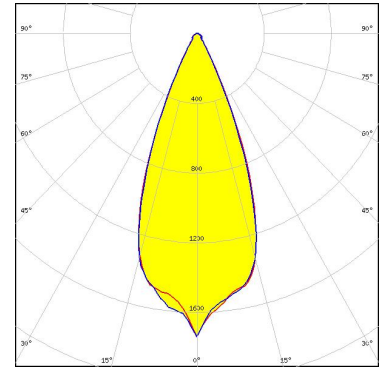
OPTICAL RESULTS (SIMULATED):



LED NSCxL036A
FWHM / FWTM 36.0° / 54.0°
Efficiency %
Peak intensity 2.4 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

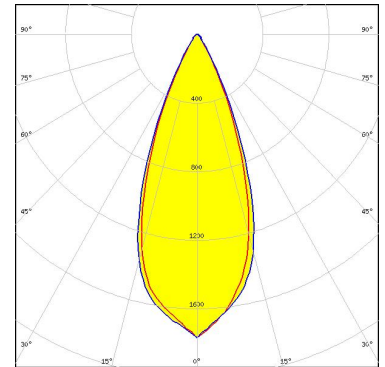


LED Mini Zenigata (GW6BM)
FWHM / FWTM 40.0° / 64.0 + 62.0°
Efficiency %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White

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.

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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