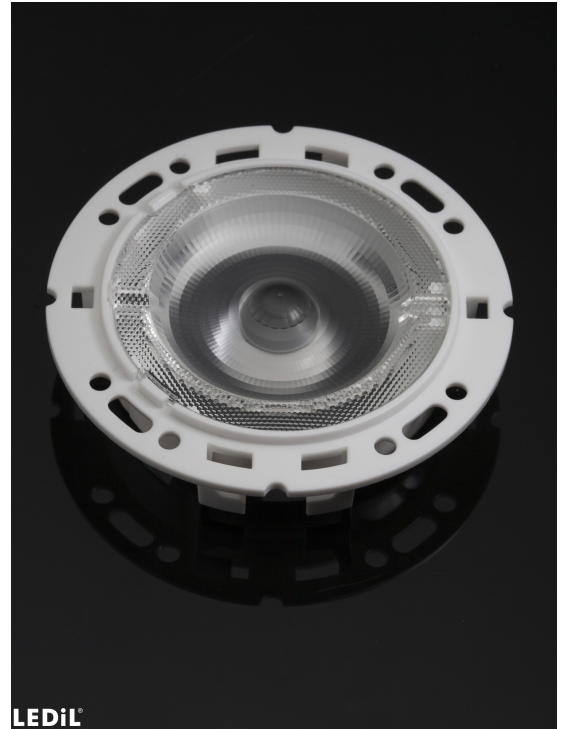


### RONDA-W

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

#### SPECIFICATION:

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



#### MATERIALS:

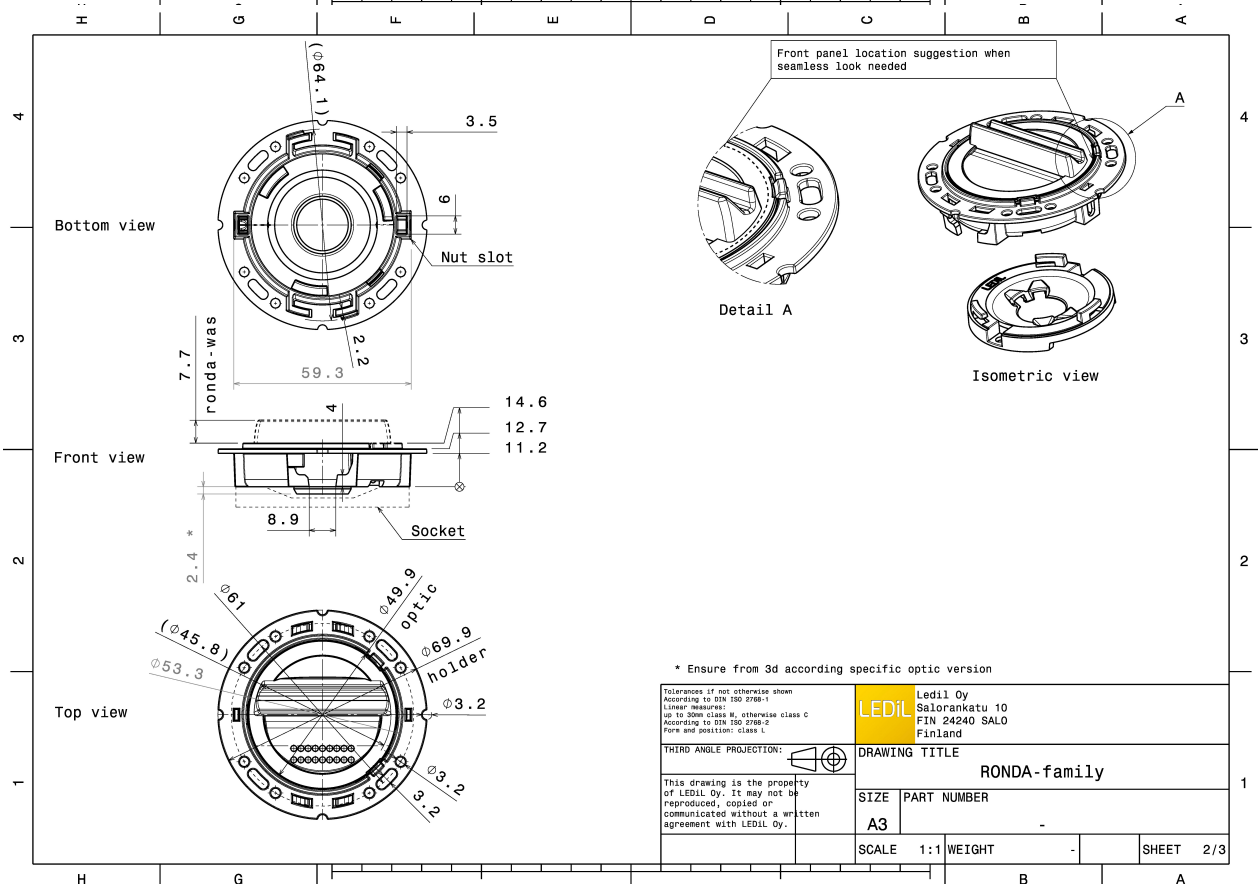
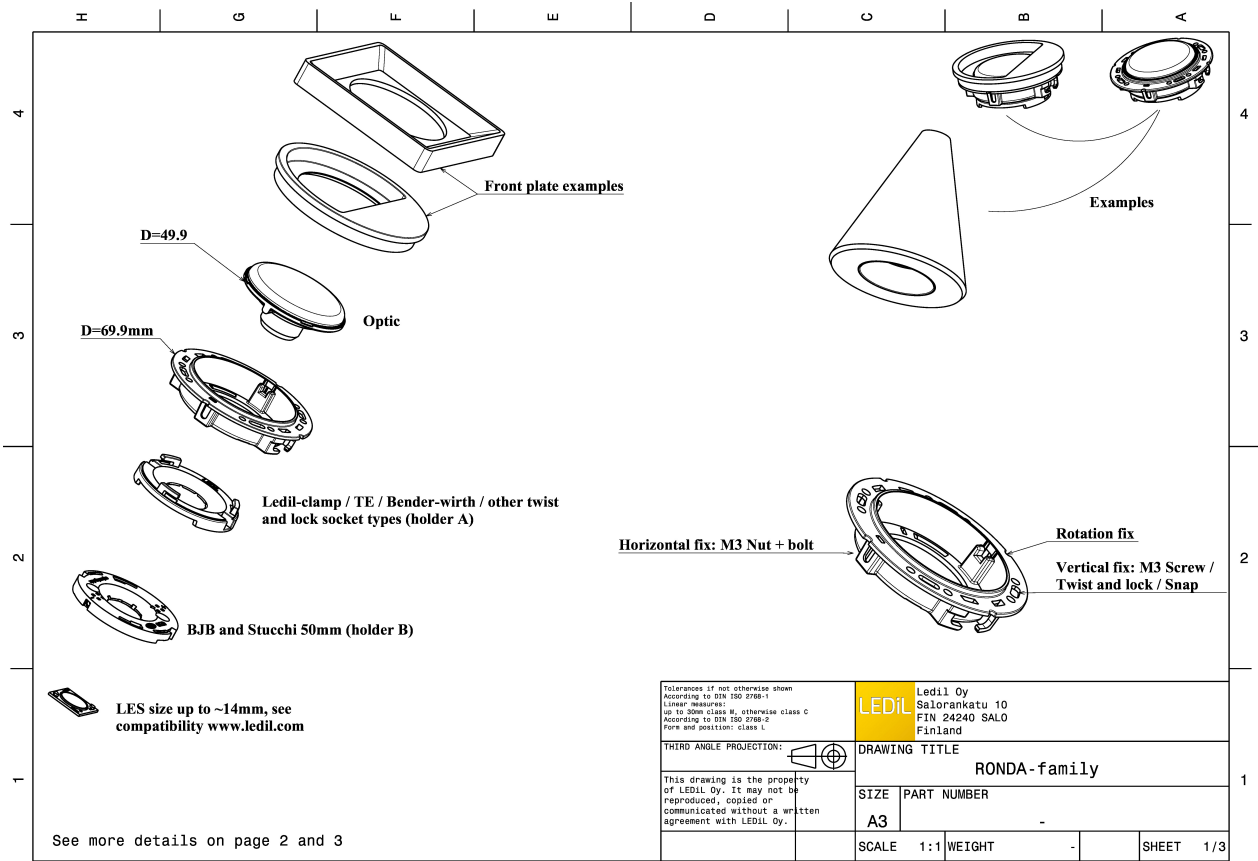
Component	Type	Material	Colour	Finish	Length
F15443_RONDA-W	Single lens	PMMA	clear		49.9
F15155_RONDA-HLD-A	Holder	PC	white		69.9

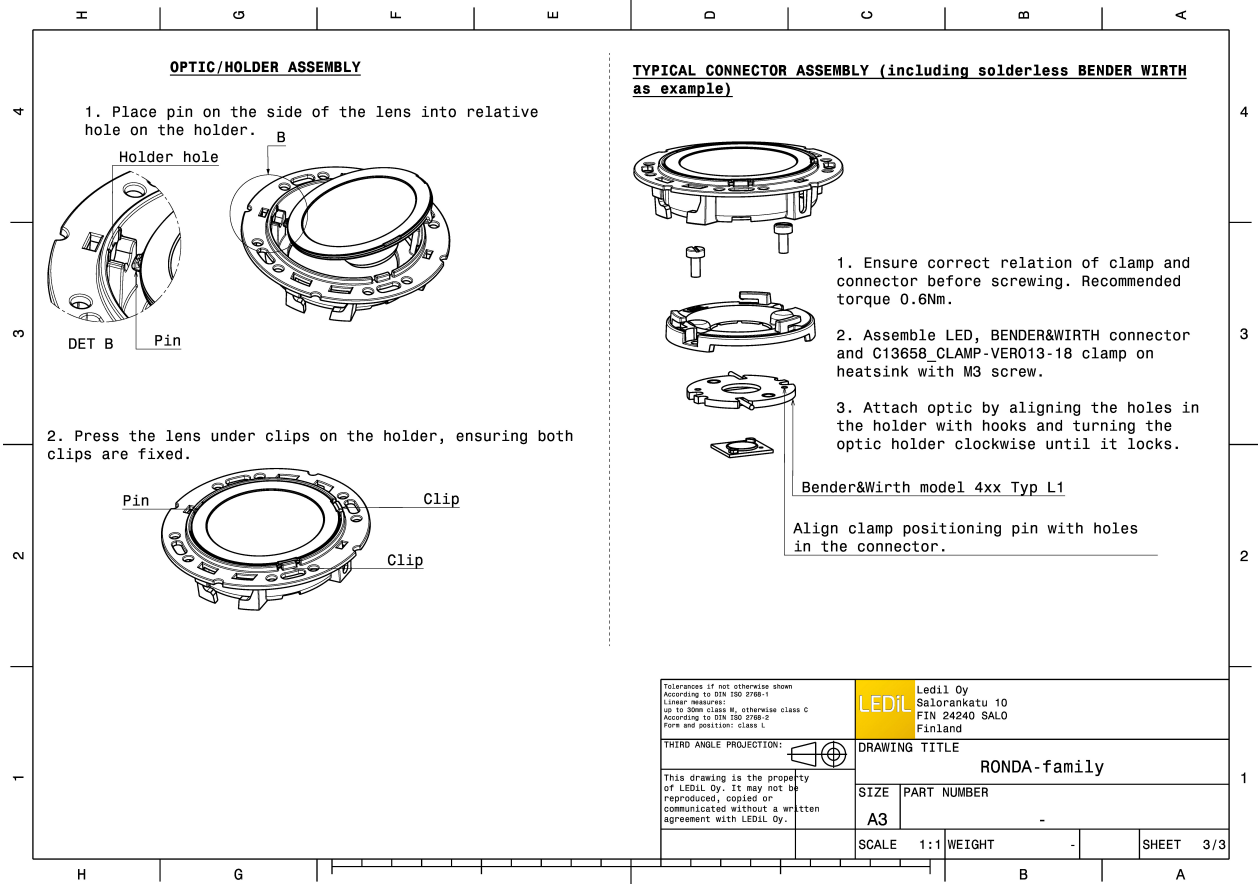
#### ORDERING INFORMATION:

##### Quantities for one set:

Single lens	1
Holder	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
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](http://www.ledil.com/installation_guide)



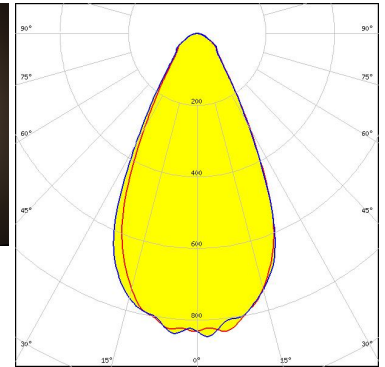
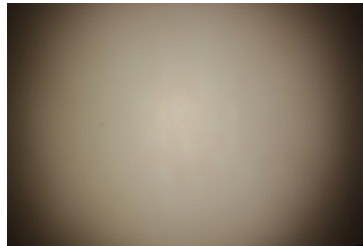
### OPTICAL RESULTS (MEASURED):



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



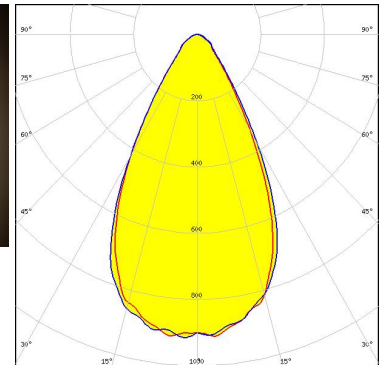
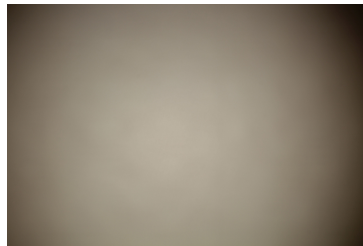
Light distribution files



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



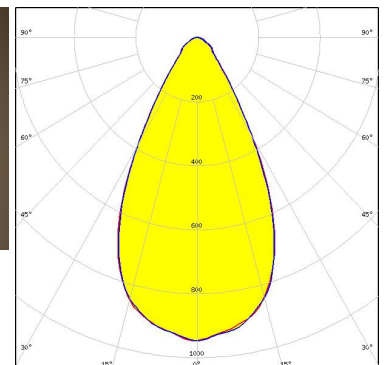
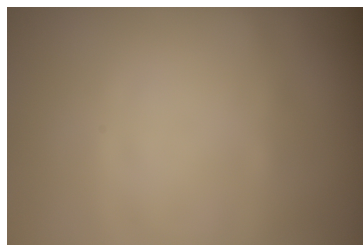
Light distribution files



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

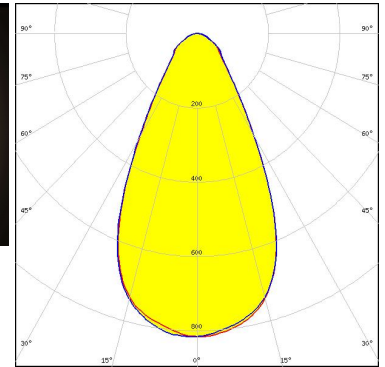


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### CITIZEN

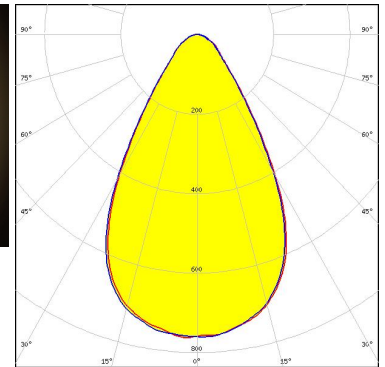
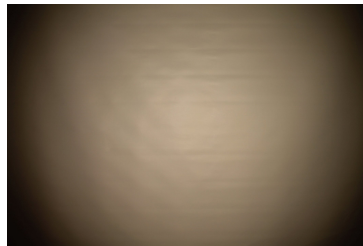
LED CLL03x/CLU03x  
 FWHM / FWTM 55.0° / 104.0°  
 Efficiency 87 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16791\_CLAMP-Z45-A  
 TE Connectivity: 2325807-3



Light distribution files



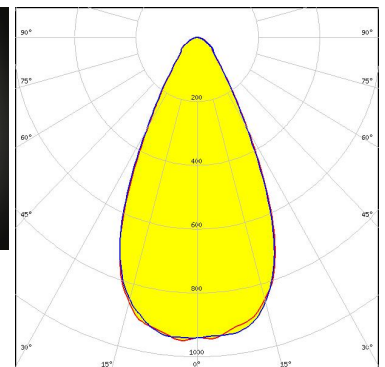
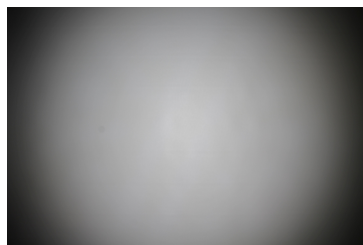
LED CMA1840  
 FWHM / FWTM 62.0° / 103.0°  
 Efficiency 90 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C14123\_CLAMP-CXA15-18



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

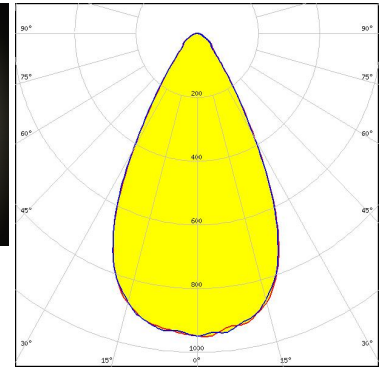
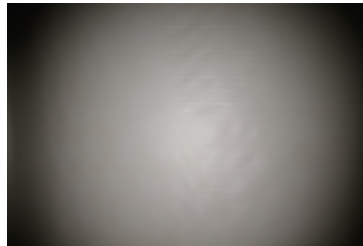


Light distribution files

### OPTICAL RESULTS (MEASURED):



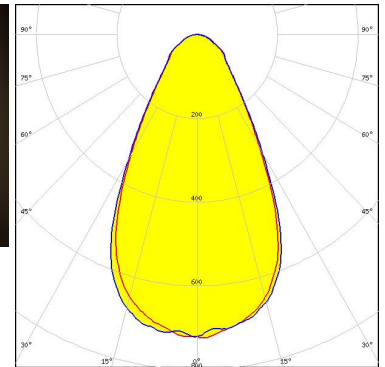
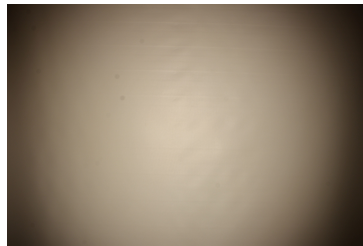
LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
 FWHM / FWTM 56.0° / 86.0°  
 Efficiency 91 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C14123\_CLAMP-CXA15-18



Light distribution files



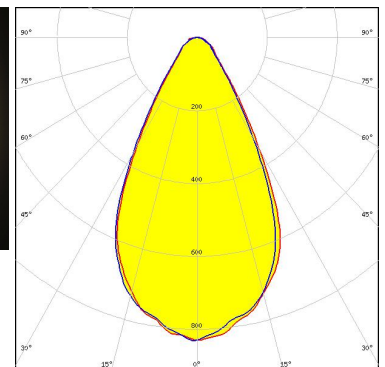
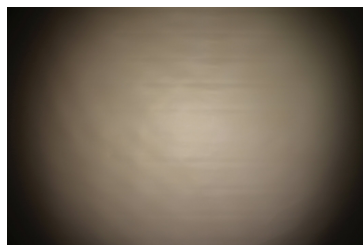
LED PrevaLED Core G7 L15 H1  
 FWHM / FWTM 57.0° / 116.0°  
 Efficiency 85 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16685\_CLAMP-PRV-A



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

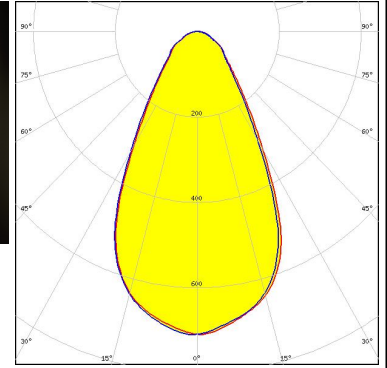


Light distribution files

### 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):

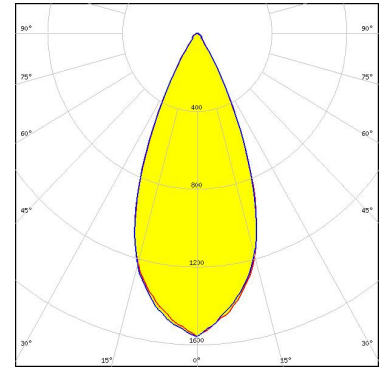


LED V10 Gen6  
 FWHM / FWTM 44.0° / 66.0°  
 Efficiency %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White

Required components:

C13658\_CLAMP-VERO13-18

Bender Wirth: 455 Typ L1



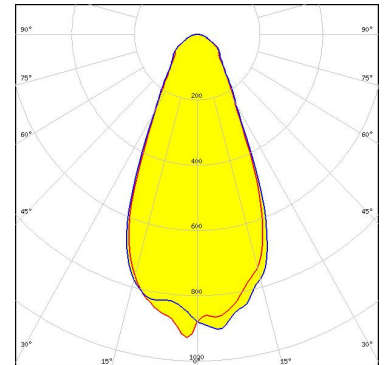
Light distribution files



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

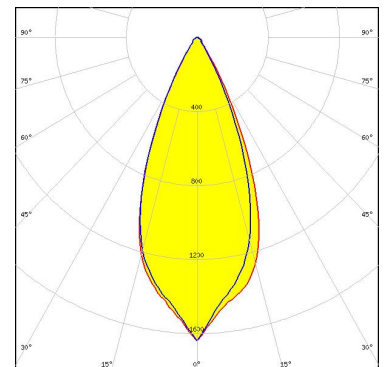
## CITIZEN

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):

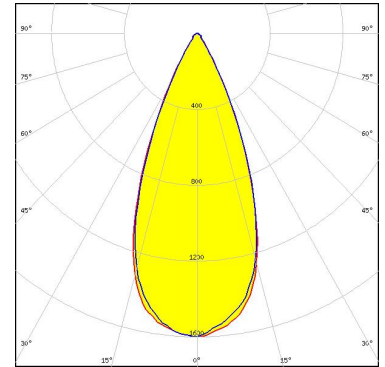
#### CITIZEN

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

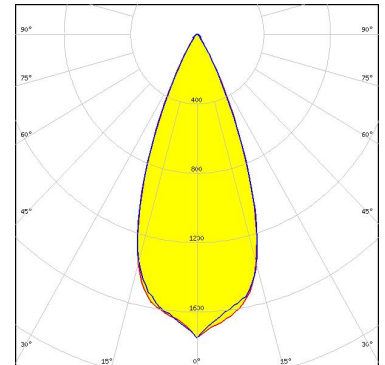


LED CXA/B 15xx  
 FWHM / FWTM 42.0° / 62.0°  
 Efficiency %  
 Peak intensity 1.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White

Required components:

C13658\_CLAMP-VERO13-18

Bender Wirth: 441 Typ L1



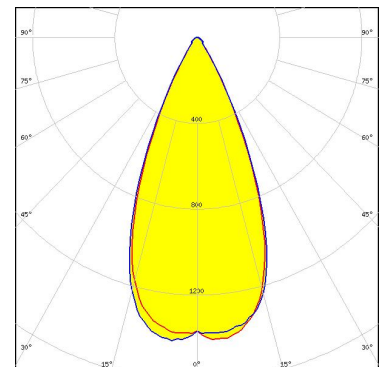
Light distribution files



LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
 FWHM / FWTM 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

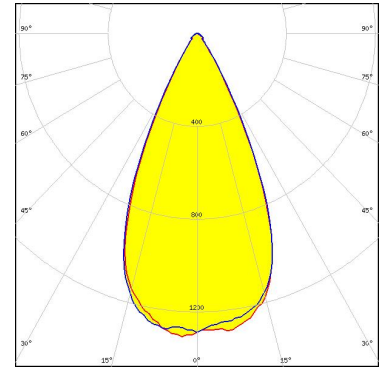


Light distribution files

### OPTICAL RESULTS (SIMULATED):



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

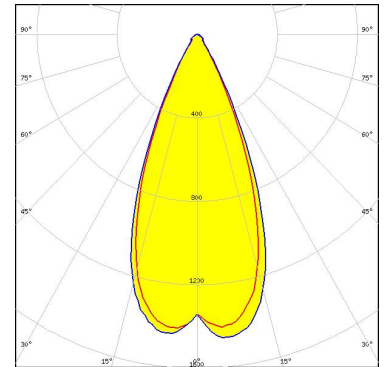


Bender Wirth: 437 Typ L1

Light distribution files



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:

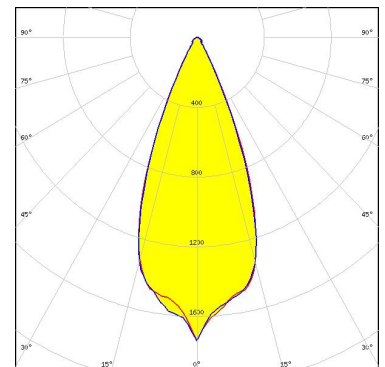


TE Connectivity: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1

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:

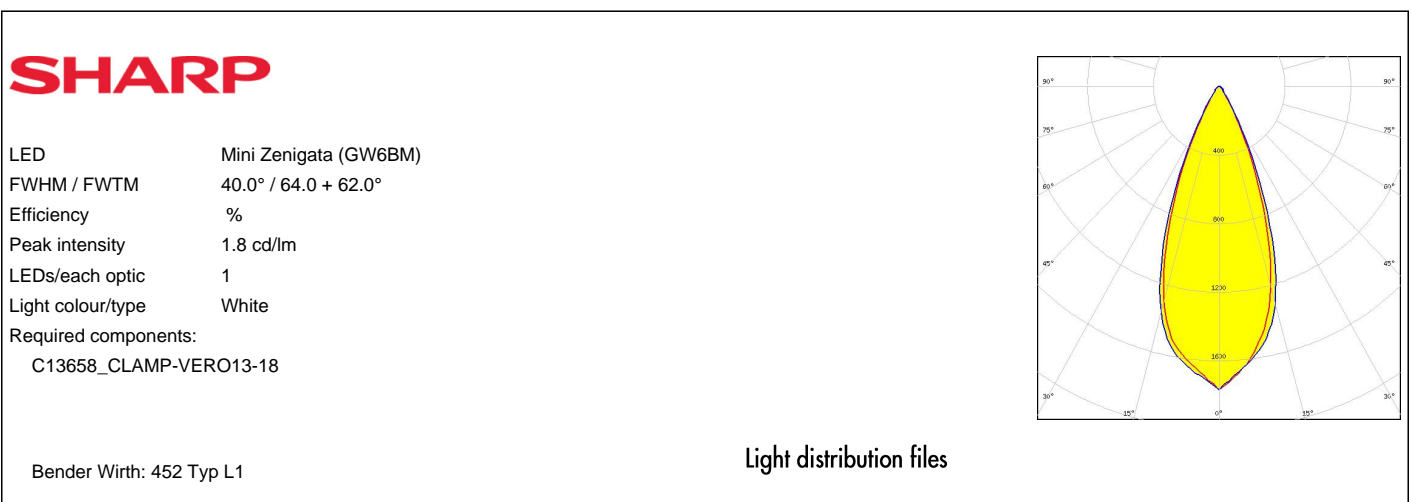
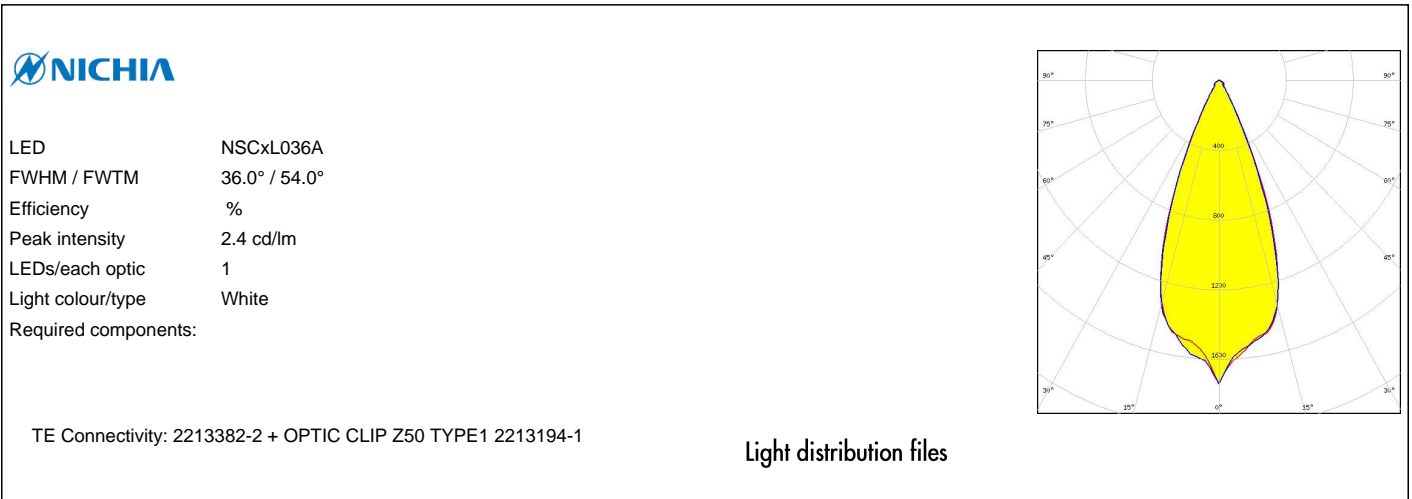


TE Connectivity: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1

Light distribution files



### OPTICAL RESULTS (SIMULATED):





### 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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