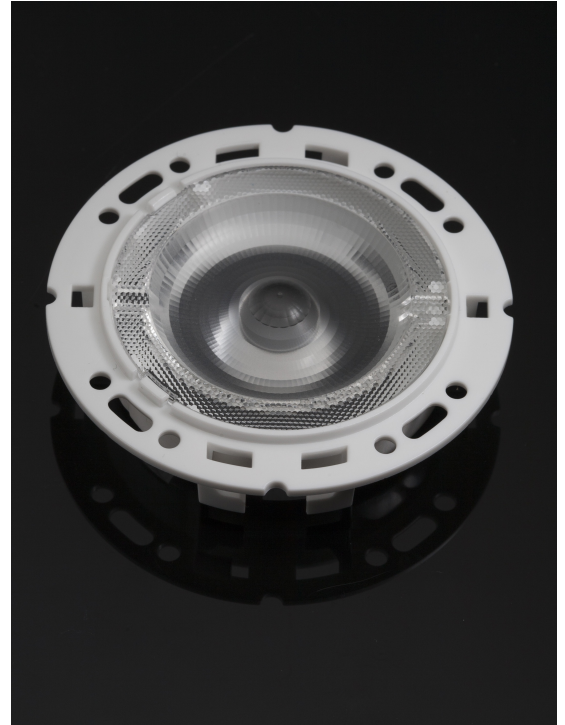


## RONDA-W

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

### TECHNICAL SPECIFICATIONS:

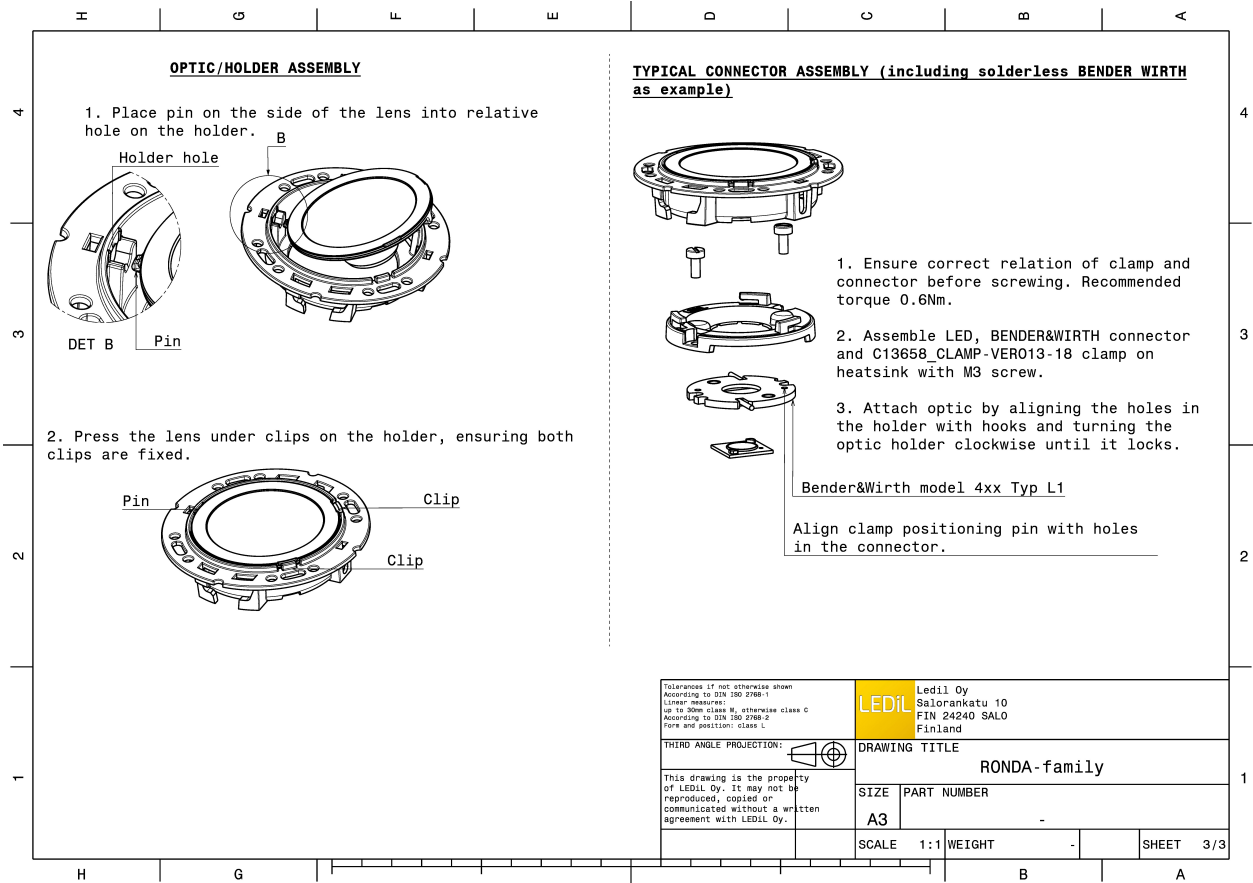
Dimensions	Ø 69.9 mm
Height	14 mm
Fastening	socket
Colour	white
Box size	
Box weight	0 kg
Quantity in Box	420 pcs
ROHS compliant	yes ⓘ



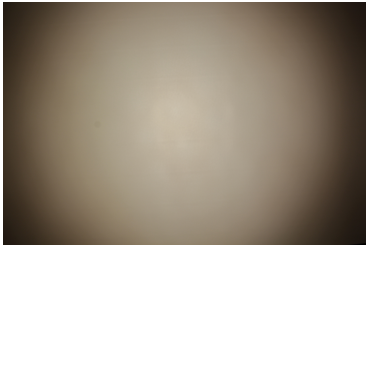
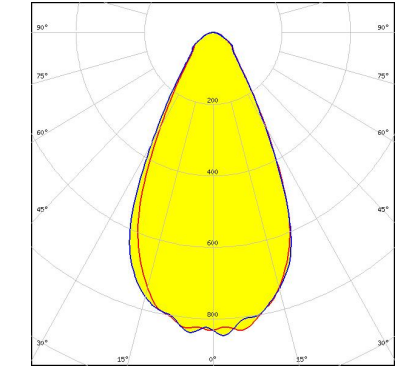
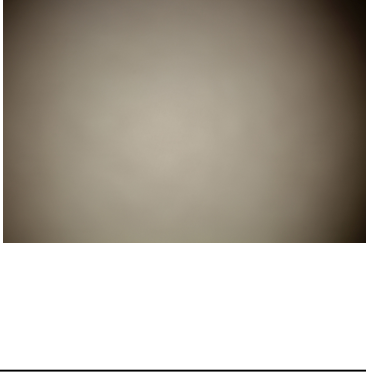
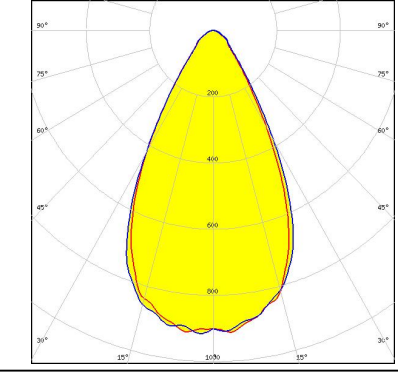
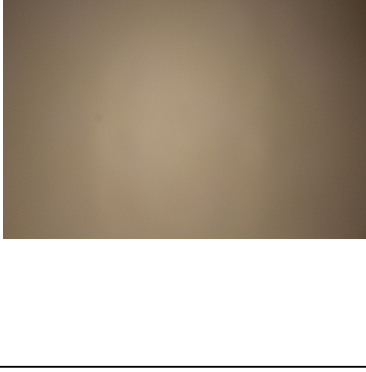
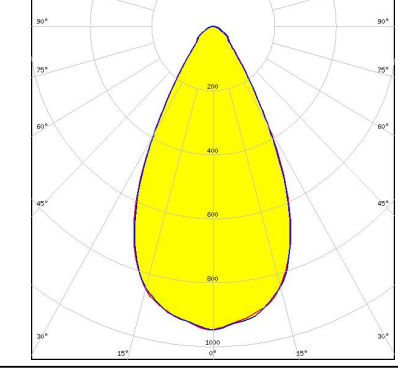
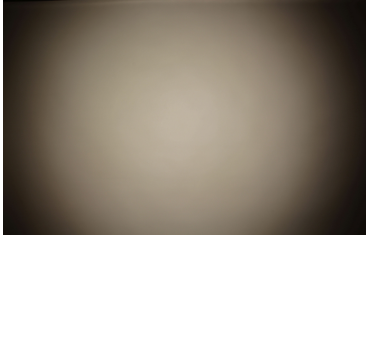
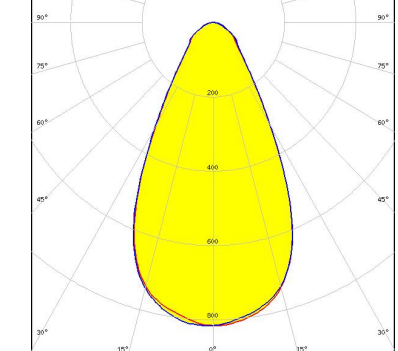
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
RONDA-W	Single lens	PMMA	clear
RONDA-HLD-A	Holder	PC	white





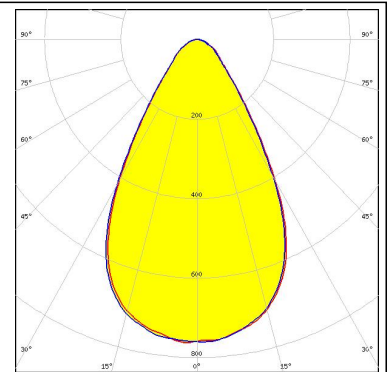
#### PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V13 Gen7</p> <p>FWHM 54.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 0.850 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		
<p>bridgelux.</p> <p>LED Vero SE 13</p> <p>FWHM 56.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.920 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16402_CLAMP-VEROSE-13-18</p>		
<p>bridgelux.</p> <p>LED VERO13</p> <p>FWHM 55.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 0.950 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C13658_CLAMP-VERO13-18</p>		
<p><b>CITIZEN</b></p> <p>LED CLL03x/CLU03x</p> <p>FWHM 55.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.820 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16791_CLAMP-Z45-A TE: 2325807-3</p>		

#### PHOTOMETRIC DATA (MEASURED):

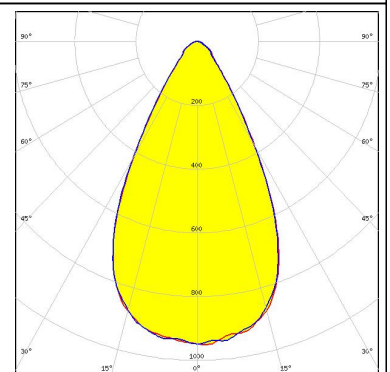
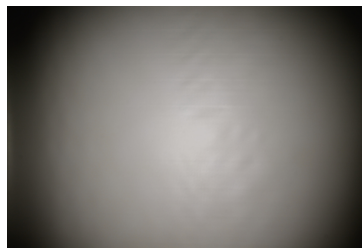
**CREE** 

LED CMA1840  
 FWHM 62.0°  
 Efficiency 90 %  
 Peak intensity 0.760 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14123\_CLAMP-CXA15-18



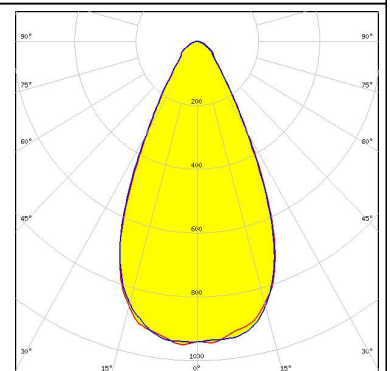
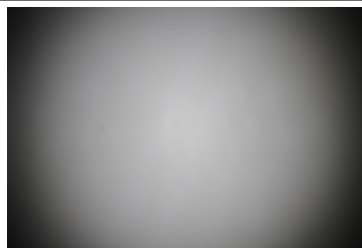
**CREE** 

LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
 FWHM 56.0°  
 Efficiency 91 %  
 Peak intensity 1.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14123\_CLAMP-CXA15-18



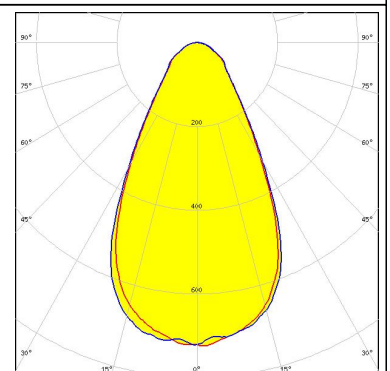
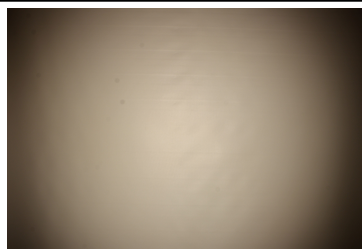
**CREE** 

LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
 FWHM 62.0°  
 Efficiency 88 %  
 Peak intensity 0.790 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



**OSRAM**

LED PrevaLED Core G7 L15 H1  
 FWHM 57.0°  
 Efficiency 85 %  
 Peak intensity 0.720 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16685\_CLAMP-PRV-A



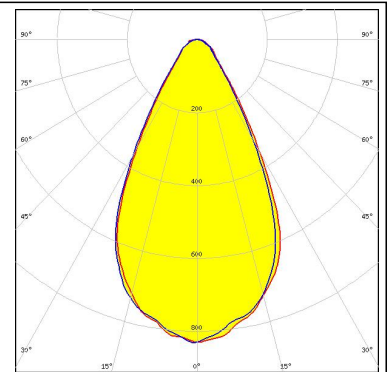
#### PHOTOMETRIC DATA (MEASURED):

### PHILIPS

LED Fortimo SLM L13 CoB  
FWHM 56.0°  
Efficiency 84 %  
Peak intensity 0.800 cd/lm  
LEDs/each optic 1  
Light colour White

Required components:

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

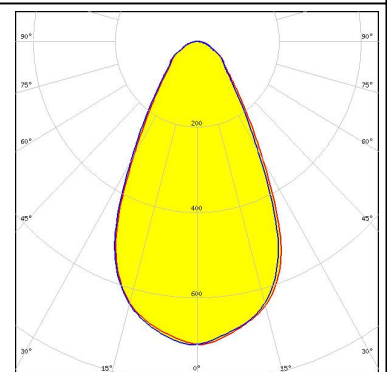
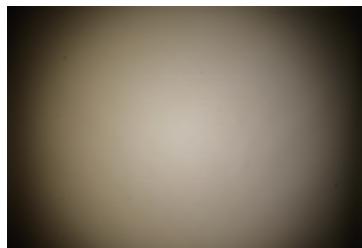


### PHILIPS

LED Fortimo SLM L15 + SLM holder  
FWHM 57.0°  
Efficiency 83 %  
Peak intensity 0.710 cd/lm  
LEDs/each optic 1  
Light colour White

Required components:

TE: OPTIC CLIP Z50 TYPE1 2213194-1



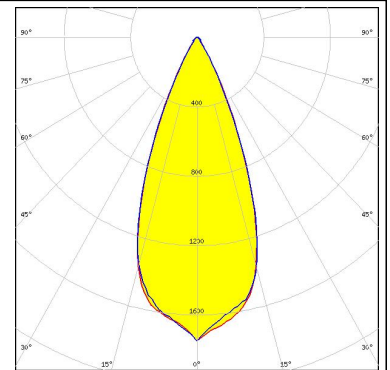
#### PHOTOMETRIC DATA (SIMULATED):

<p>bridgelux.</p> <p>LED V10 Gen6            FWHM 44.0°            Efficiency %            Peak intensity 1.560 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C13658_CLAMP-VERO13-18            Bender Wirth: 455 Typ L1</p>	
<p>bridgelux.</p> <p>LED V13 Gen7            FWHM 46.0°            Efficiency 83 %            Peak intensity 0.950 cd/lm            LEDs/each optic 1            Light colour White            Required components:            IDEAL: 50-2103CT + 50-2100AN</p>	
<p><b>CITIZEN</b></p> <p>LED CLL02x/CLU02x (LES10)            FWHM 42.0°            Efficiency %            Peak intensity 1.640 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C13658_CLAMP-VERO13-18            Bender Wirth: 434 Typ L1</p>	
<p><b>CITIZEN</b></p> <p>LED CLU710/711            FWHM 44.0°            Efficiency %            Peak intensity 1.600 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C13658_CLAMP-VERO13-18            Bender Wirth: 470 Typ L1</p>	

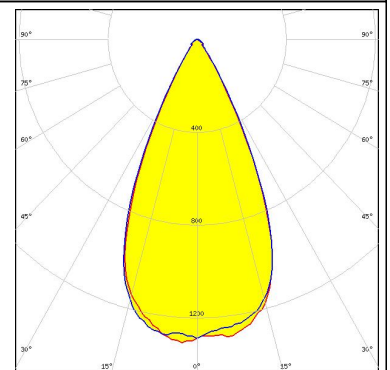
#### PHOTOMETRIC DATA (SIMULATED):



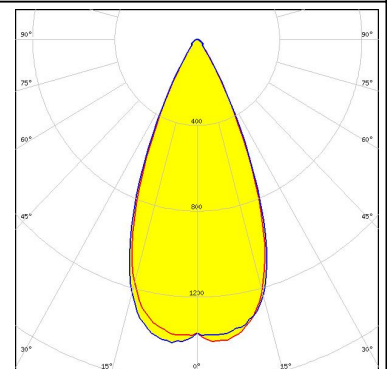
LED CXA/B 15xx  
 FWHM 42.0°  
 Efficiency %  
 Peak intensity 1.750 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C13658\_CLAMP-VERO13-18  
 Bender Wirth: 441 Typ L1



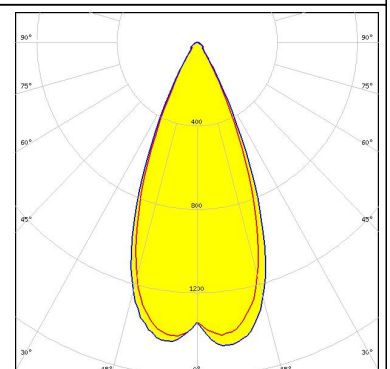
LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
 FWHM 48.0°  
 Efficiency %  
 Peak intensity 1.320 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C13658\_CLAMP-VERO13-18  
 Bender Wirth: 437 Typ L1



LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
 FWHM 45.0°  
 Efficiency %  
 Peak intensity 1.420 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED LUXEON CoB 1202/1203  
 FWHM 43.0°  
 Efficiency %  
 Peak intensity 1.460 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1





#### PHOTOMETRIC DATA (SIMULATED):



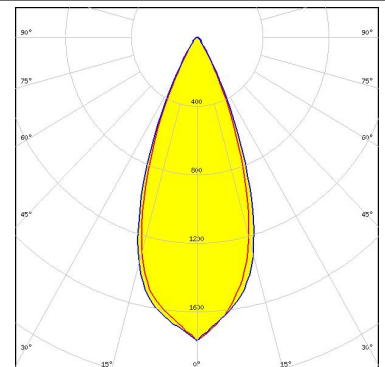
LED COB L-Type (LES 9)  
FWHM 42.0°  
Efficiency %  
Peak intensity 1.740 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



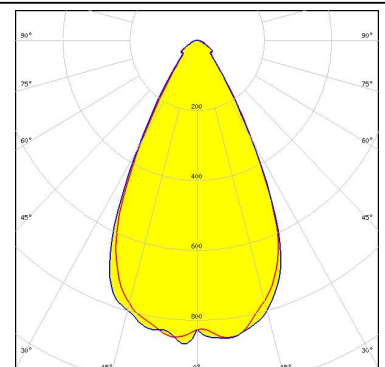
LED NSCxL036A  
FWHM 36.0°  
Efficiency %  
Peak intensity 2.370 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED Mini Zenigata (GW6BM)  
FWHM 40.0°  
Efficiency %  
Peak intensity 1.770 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C13658\_CLAMP-VERO13-18  
Bender Wirth: 452 Typ L1



LED SLE G6 LES15  
FWHM 55.0°  
Efficiency 81 %  
Peak intensity 0.890 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



### 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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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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