

## RONDA-REC-90

~80°+80° rectangular beam with holder B compatible with 3rd party connectors from BJB, IDEAL and Stucchi

### TECHNICAL SPECIFICATIONS:

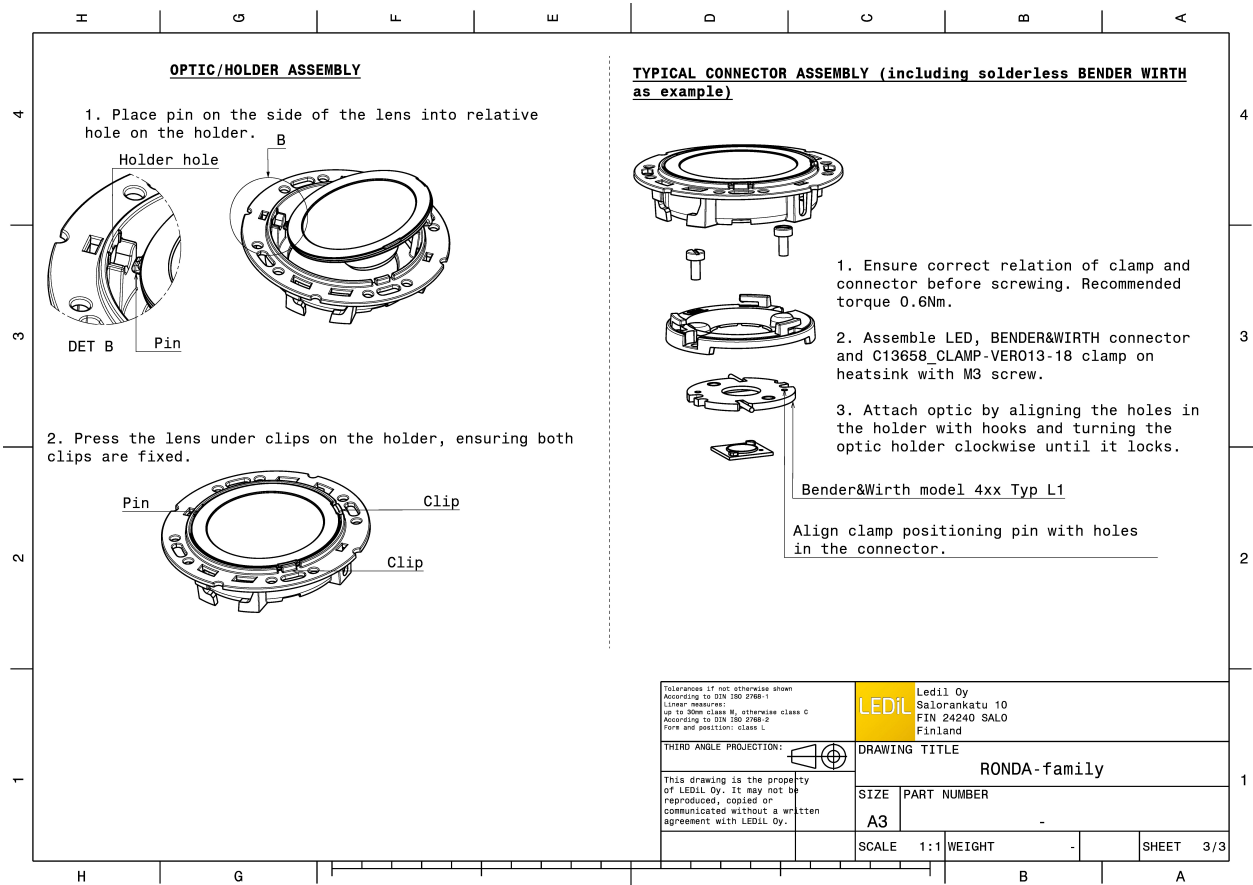
Dimensions	Ø 69.9 mm
Height	14.6 mm
Fastening	socket
Colour	white
Box size	
Box weight	0 kg
Quantity in Box	420 pcs
ROHS compliant	yes ⓘ



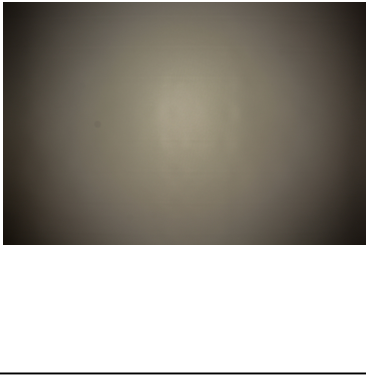
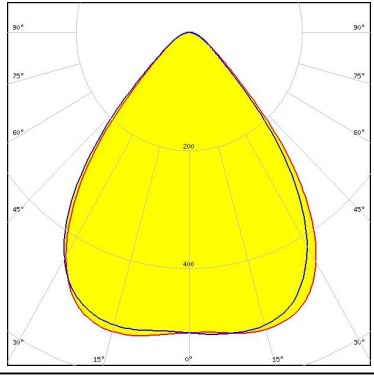
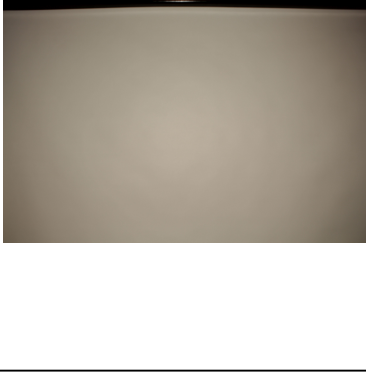
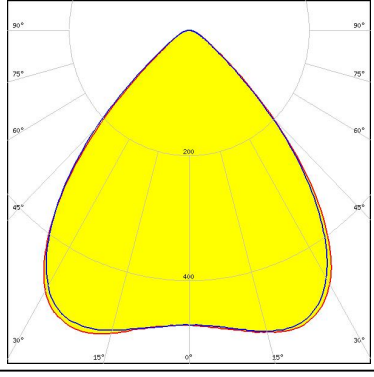

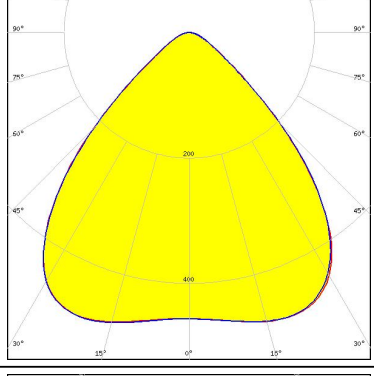
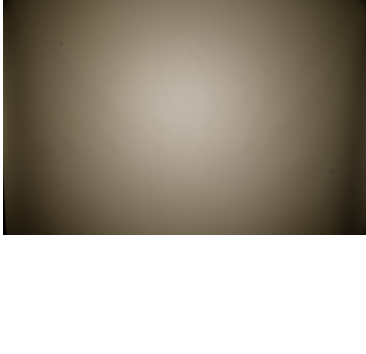
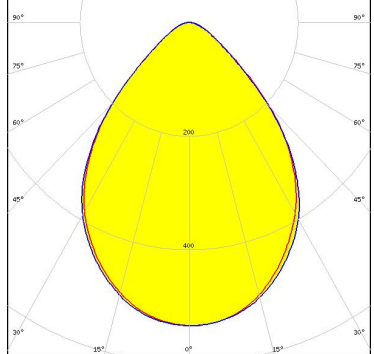
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
RONDA-REC-90	Single lens	PMMA	clear
RONDA-HLD-A	Holder	PC	white





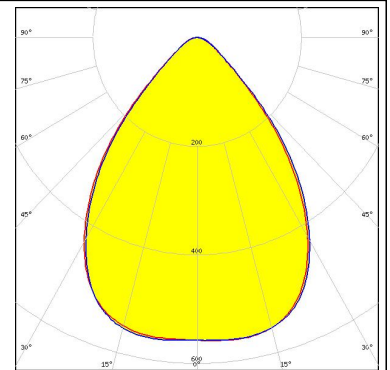
#### PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V13 Gen7</p> <p>FWHM 80.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.530 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 87.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 0.500 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 88.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 0.490 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C13658_CLAMP-VERO13-18</p>		
<p>bridgelux.</p> <p>LED VERO18</p> <p>FWHM 81.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.530 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C13658_CLAMP-VERO13-18</p>		

#### PHOTOMETRIC DATA (MEASURED):

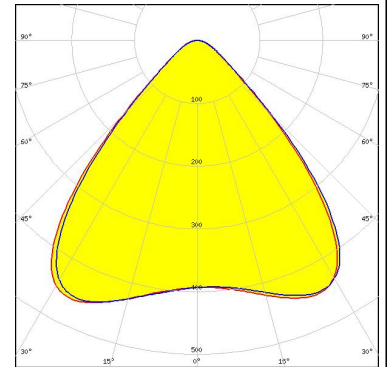
#### CITIZEN

LED CLL03x/CLU03x  
 FWHM 78.0°  
 Efficiency 89 %  
 Peak intensity 0.560 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16791\_CLAMP-Z45-A  
 TE: 2325807-3



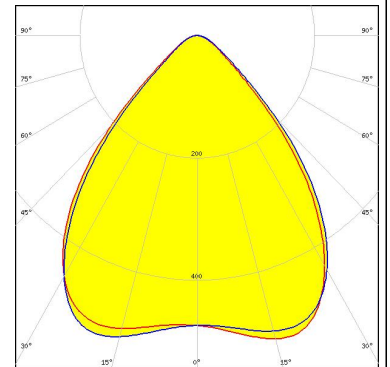
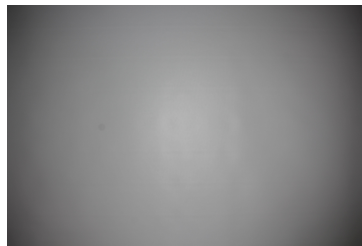
#### CREE

LED CXA/B 15xx  
 FWHM 87.0°  
 Efficiency 91 %  
 Peak intensity 0.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14123\_CLAMP-CXA15-18  
 Bender Wirth: 434 Typ L1



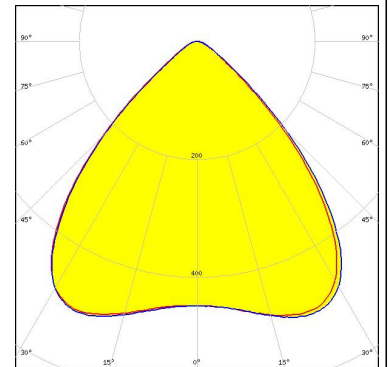
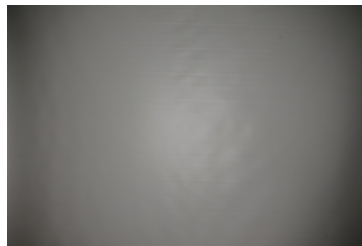
#### CREE

LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
 FWHM 84.0°  
 Efficiency 88 %  
 Peak intensity 0.520 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



#### CREE

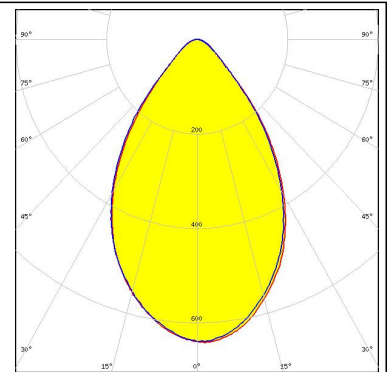
LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
 FWHM 89.0°  
 Efficiency 92 %  
 Peak intensity 0.510 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14123\_CLAMP-CXA15-18



#### PHOTOMETRIC DATA (MEASURED):

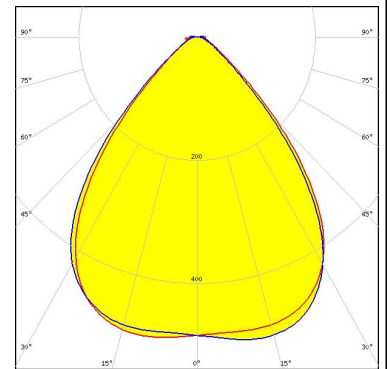
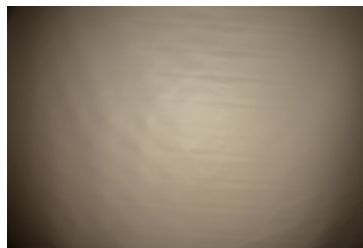
### OSRAM

LED PrevaLED Core G7 L15 H1  
FWHM 67.0°  
Efficiency 81 %  
Peak intensity 0.640 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16685\_CLAMP-PRV-A



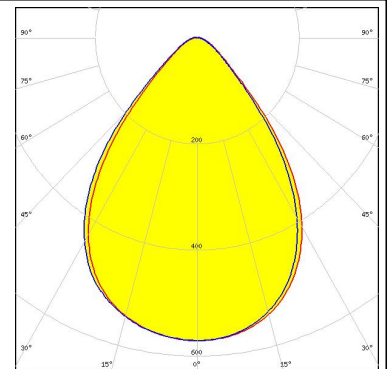
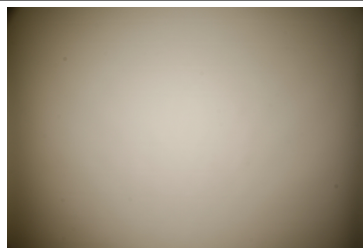
### PHILIPS

LED Fortimo SLM L13 CoB  
FWHM 82.0°  
Efficiency 86 %  
Peak intensity 0.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



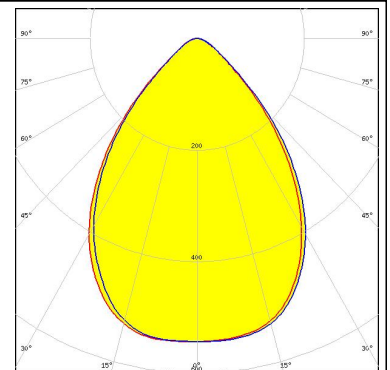
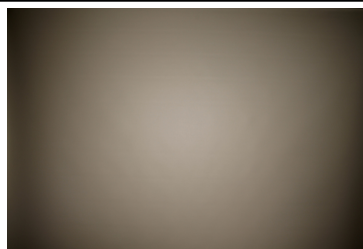
### PHILIPS

LED Fortimo SLM L15 + SLM holder  
FWHM 77.0°  
Efficiency 86 %  
Peak intensity 0.570 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
TE: OPTIC CLIP Z50 TYPE1 2213194-1


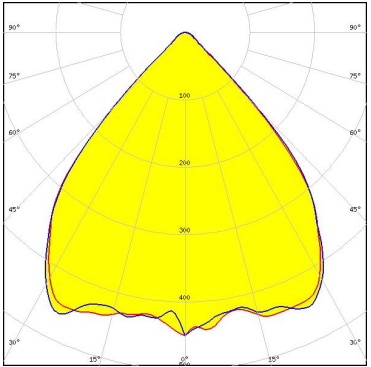

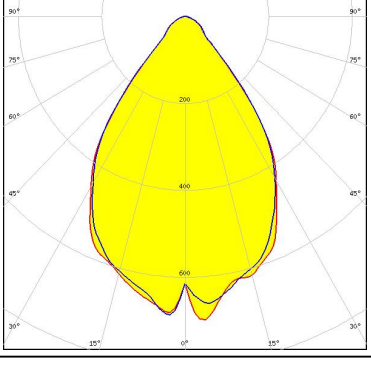




SEOUL SEMICONDUCTOR

LED MJT COB LES 14.5  
FWHM 78.0°  
Efficiency 87 %  
Peak intensity 0.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



#### PHOTOMETRIC DATA (SIMULATED):

 LED V13 Gen7 FWHM 86.0 + 75.0° Efficiency 79 % Peak intensity 0.460 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 477 Typ L1	
 LED V13 Gen7 FWHM 70.0° Efficiency 85 % Peak intensity 0.710 cd/lm LEDs/each optic 1 Light colour White Required components: IDEAL: 50-2103CT + 50-2100AN	
 LED CXA/B 1816 & CXA/B 1820 & CXA 1850 FWHM 90.0° Efficiency 90 % Peak intensity 0.000 cd/lm LEDs/each optic 1 Light colour White Required components: C14123_CLAMP-CXA15-18	
 LED CXA/B 1816 & CXA/B 1820 & CXA 1850 FWHM 85.0° Efficiency 90 % Peak intensity 0.000 cd/lm LEDs/each optic 1 Light colour White Required components: TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1	

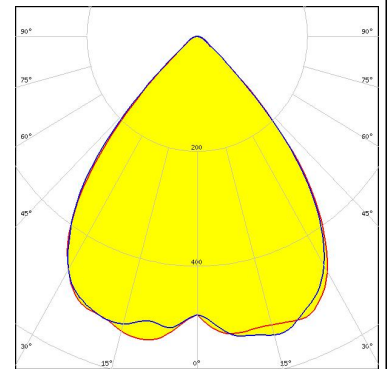
#### PHOTOMETRIC DATA (SIMULATED):

#### CREE

LED CXA/B 1830  
FWHM 90.0°  
Efficiency 90 %  
Peak intensity 0.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14123\_CLAMP-CXA15-18

#### TRIDONIC

LED SLE G6 LES15  
FWHM 82.0 + 76.0°  
Efficiency 86 %  
Peak intensity 0.540 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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