

RONDA-REC-90

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

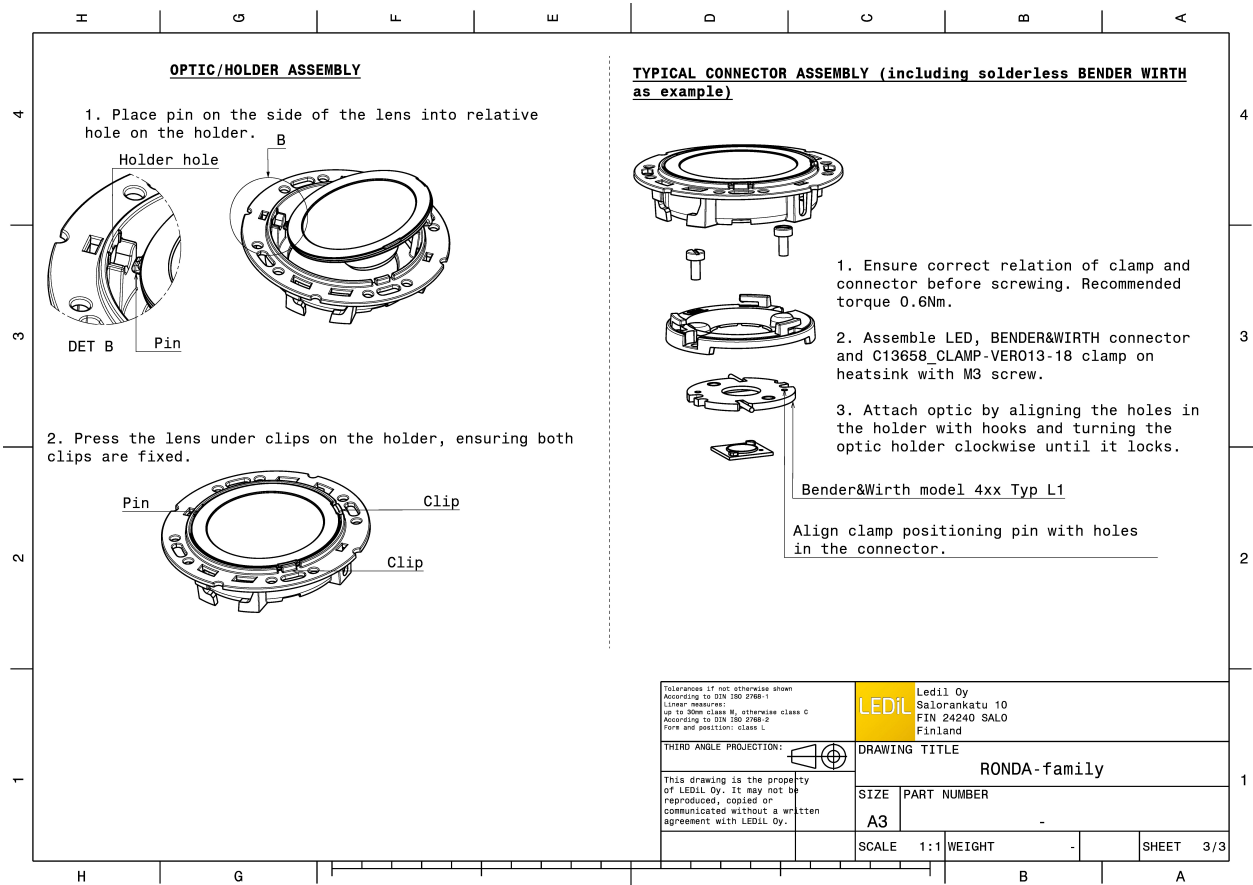
TECHNICAL SPECIFICATIONS:

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 ⓘ


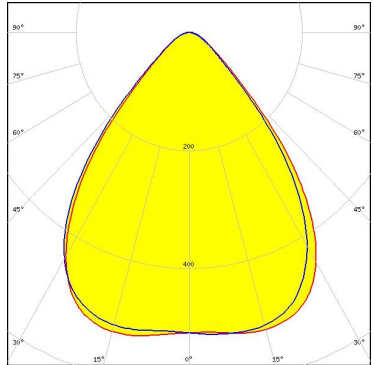

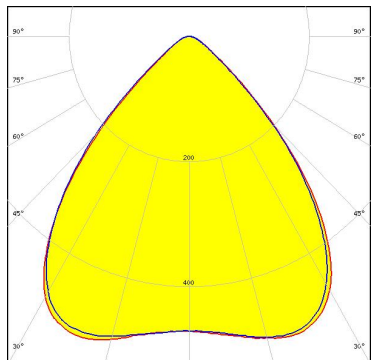

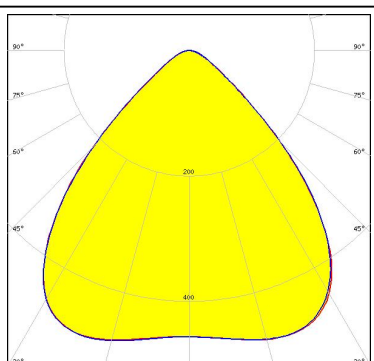

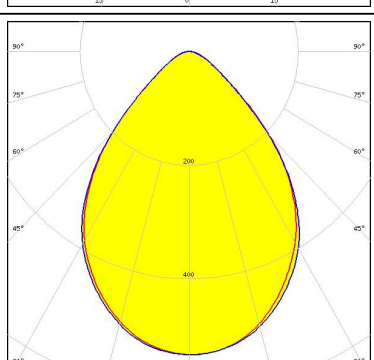


MATERIAL SPECIFICATIONS:

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



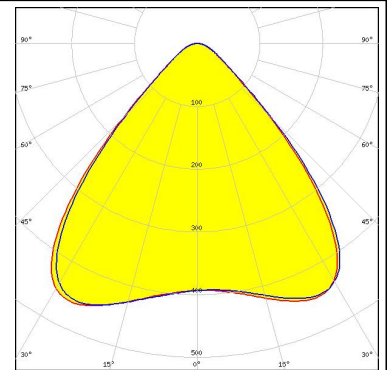
PHOTOMETRIC DATA (MEASURED):

<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>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>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>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>Required components: C13658_CLAMP-VERO13-18</p>		

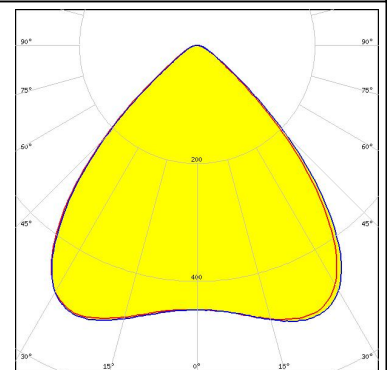
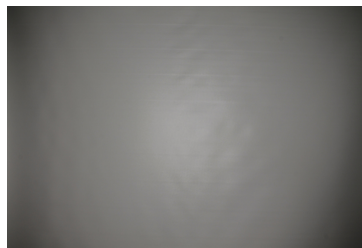
PHOTOMETRIC DATA (MEASURED):



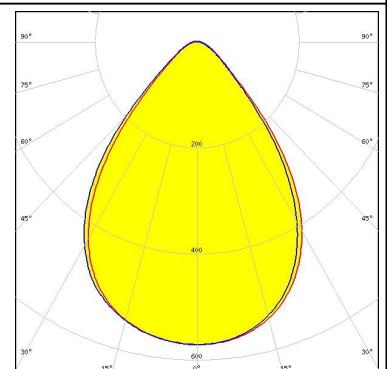
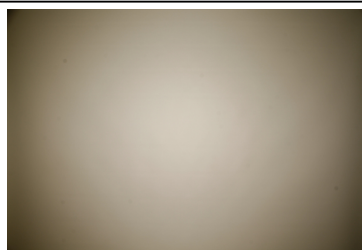
LED CXA/B 15xx
 FWHM 87.0°
 Efficiency 91 %
 Peak intensity 0.500 cd/lm
 Required components:
 C14123_CLAMP-CXA15-18
 Bender Wirth: 434 Typ L1



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM 89.0°
 Efficiency 92 %
 Peak intensity 0.510 cd/lm
 Required components:
 LEDiL: C14123_CLAMP-CXA15-18

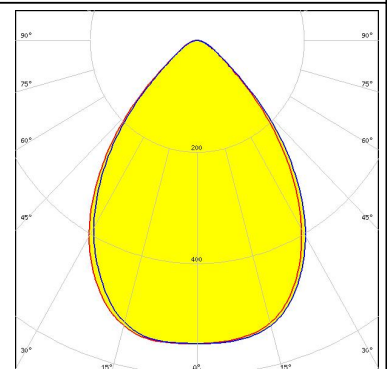
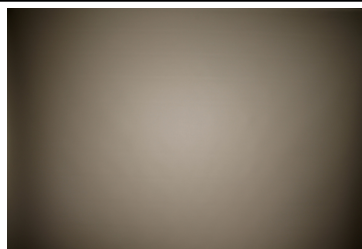


LED Fortimo SLM L15 Standard
 FWHM 77.0°
 Efficiency 86 %
 Peak intensity 0.570 cd/lm
 Required components:
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



SEOUL SEMICONDUCTOR

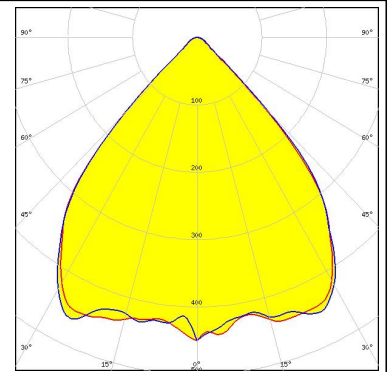
LED MJT COB LES 14.5
 FWHM 78.0°
 Efficiency 87 %
 Peak intensity 0.500 cd/lm
 Required components:
 TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (SIMULATED):

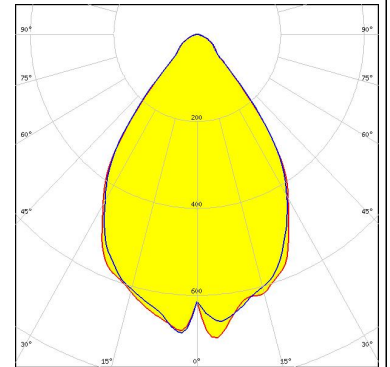
bridgelux

LED V13 Gen7
FWHM 86.0 + 75.0°
Efficiency 79 %
Peak intensity 0.460 cd/lm
Required components:
Bender Wirth: 477 Typ L1



bridgelux

LED V13 Gen7
FWHM 70.0°
Efficiency 85 %
Peak intensity 0.710 cd/lm
Required components:
IDEAL: 50-2103CT + 50-2100AN



CREE ⇄

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 90.0°
Efficiency 90 %
Peak intensity 0.000 cd/lm
Required components:
C14123_CLAMP-CXA15-18

CREE ⇄

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 85.0°
Efficiency 90 %
Peak intensity 0.000 cd/lm
Required components:
TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1

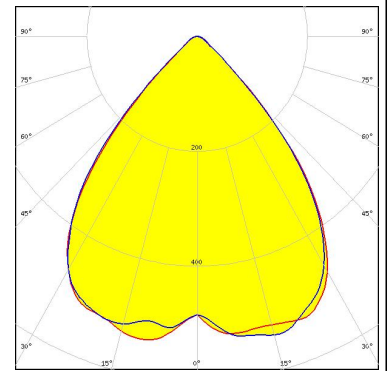
PHOTOMETRIC DATA (SIMULATED):

CREE

LED CXA/B 1830
FWHM 90.0°
Efficiency 90 %
Peak intensity 0.000 cd/lm
Required components:
C14123_CLAMP-CXA15-18

TRIDONIC

LED SLE G6 LES15
FWHM 82.0 + 76.0°
Efficiency 86 %
Peak intensity 0.540 cd/lm
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.

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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