

RONDA-S

~25° spot beam with holder A compatible with 3rd party connectors from TE, Bender+Wirth and IDEAL

SPECIFICATION:

Dimensions	Ø 69.9 mm
Height	17.2 mm
Fastening	screw
ROHS compliant	yes ⓘ



MATERIALS:

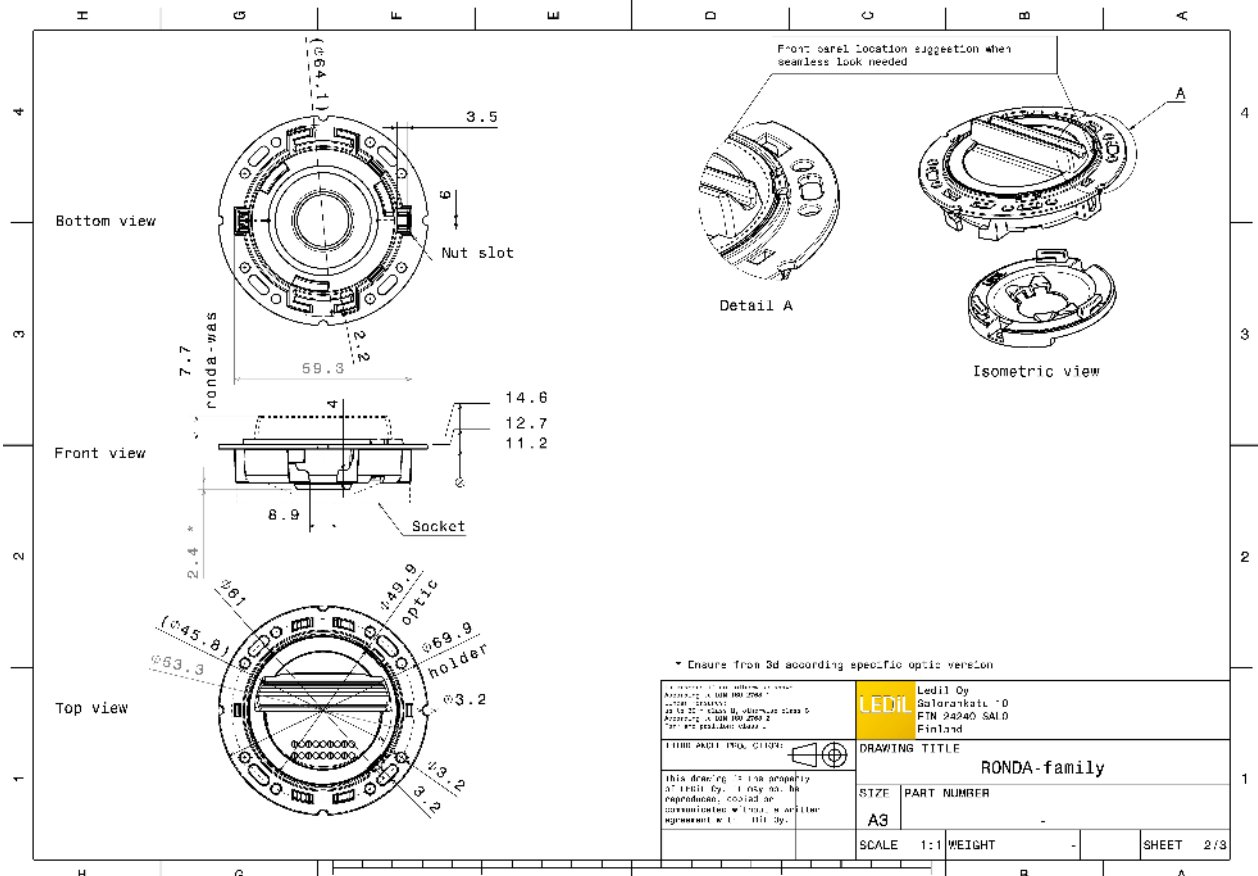
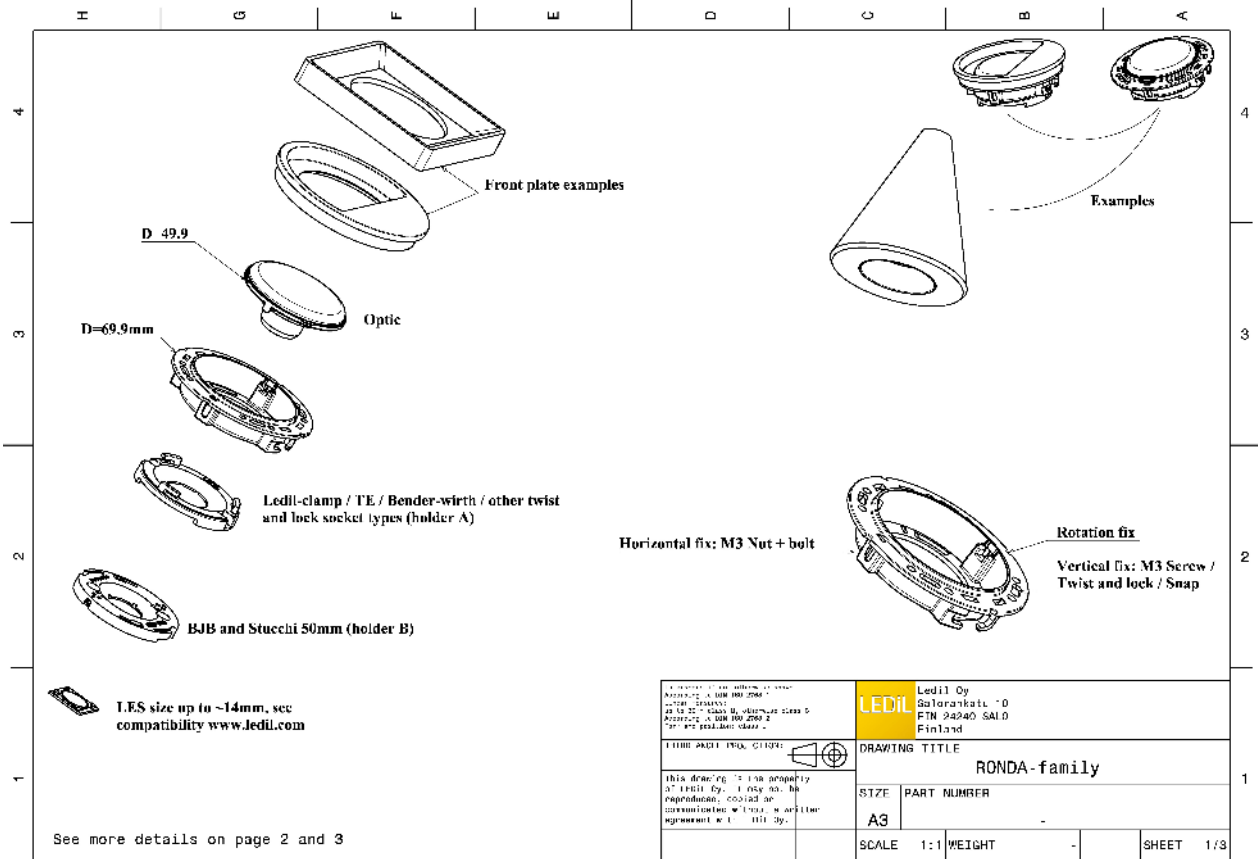
Component	Type	Material	Colour	Finish
F15667_RONDA-S	Single lens	PMMA	clear	
F15155_RONDA-HLD-A	Holder	PC	white	

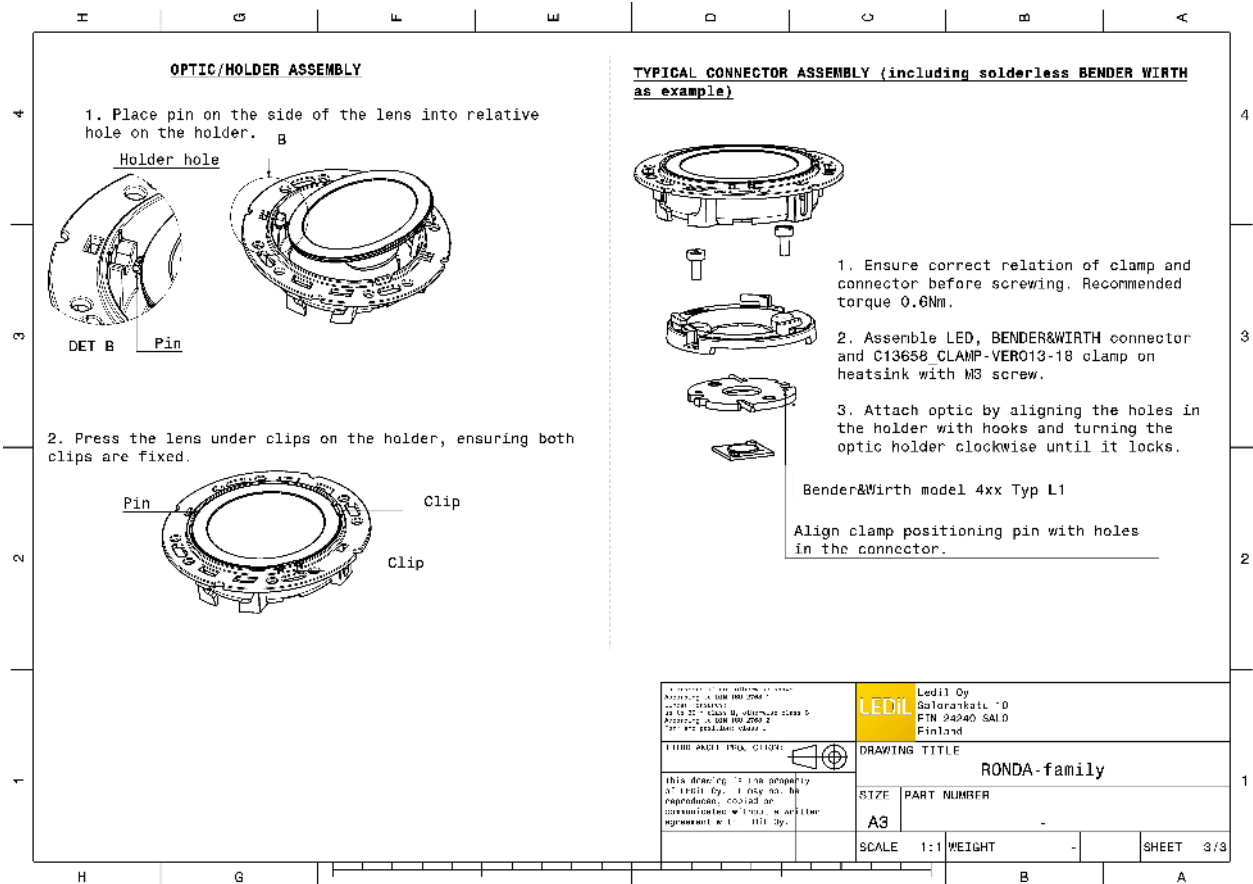
ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1



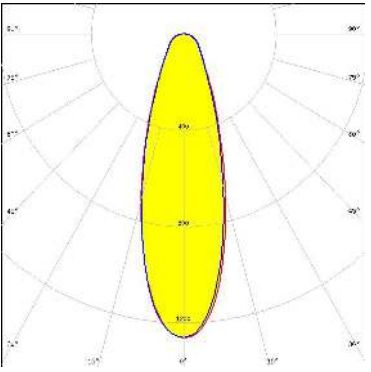


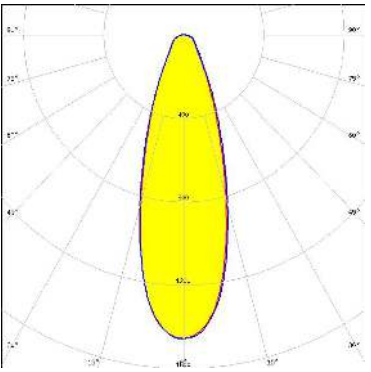

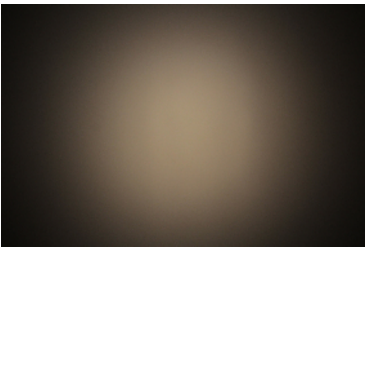
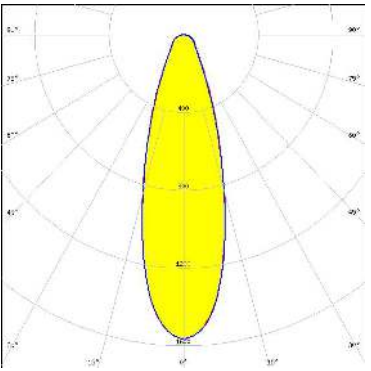


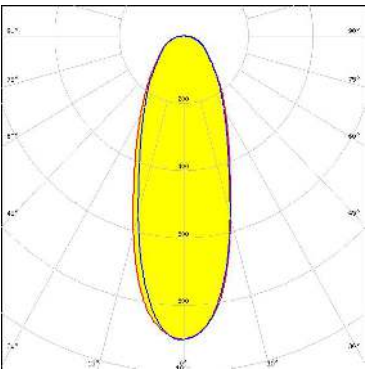
Component		Qty in box	MOQ	MPQ	Box weight (kg)
F15667_RONDA-S	Single lens	420	120	30	6.3
» Box size: 480 x 280 x 300 mm					
F15155_RONDA-HLD-A	Holder	420	120	30	4.4
» Box size: 480 x 280 x 300 mm					





See also our general installation guide: www.ledil.com/installation_guide

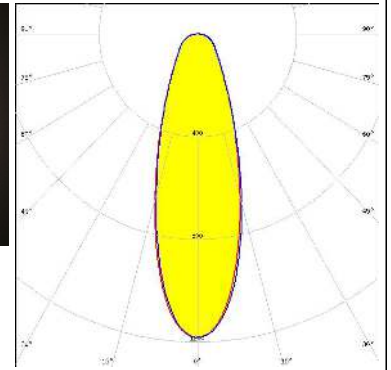
OPTICAL RESULTS (MEASURED):

<p></p> <p>LED V13 Gen7 FWHM / FWTM 32.0° / 79.0° Efficiency 80 % Peak intensity 1.3 cd/m LEDs/each optic 1 Light colour White Required components: TE Connectivity: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		
<p></p> <p>LED Vero SE 13 FWHM / FWTM 33.0° / 73.0° Efficiency 86 % Peak intensity 1.5 cd/m LEDs/each optic 1 Light colour White Required components: C16402_CLAMP-VEROSE-13-18</p>		
<p></p> <p>LED VERO13 FWHM / FWTM 32.0° / 70.0° Efficiency 87 % Peak intensity 1.6 cd/m LEDs/each optic 1 Light colour White Required components: C13658_CLAMP-VERO13-18</p>		
<p></p> <p>LED VERO18 FWHM / FWTM 39.0° / 109.0° Efficiency 81 % Peak intensity 0.9 cd/m LEDs/each optic 1 Light colour White Required components: C13658_CLAMP-VERO13-18</p>		

OPTICAL RESULTS (MEASURED):

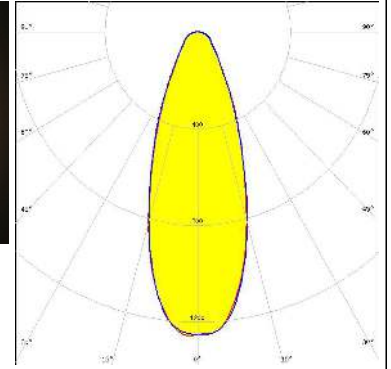
CITIZEN

LED CLL03x/CLU03x
 FWHM / FWTM 33.0° / 87.0°
 Efficiency 83 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16791_CLAMP-Z45-A
 TE Connectivity: 2325807-3



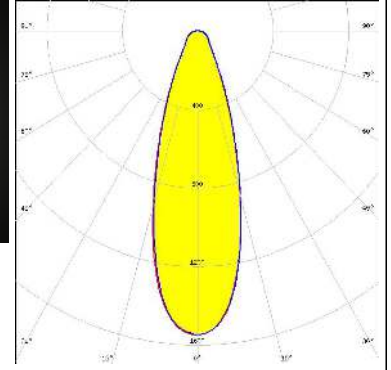
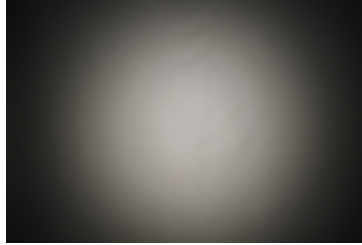
CREE LED

LED CMA1840
 FWHM / FWTM 38.0°
 Efficiency 88 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14123_CLAMP-CXA15-18



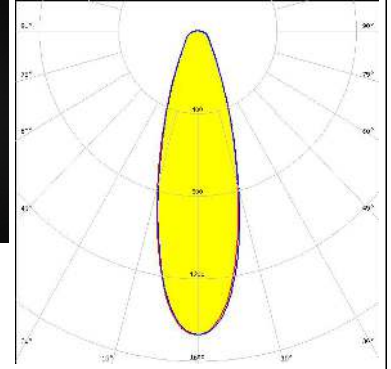
CREE LED

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM / FWTM 33.0° / 69.0°
 Efficiency 88 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14123_CLAMP-CXA15-18



CREE LED

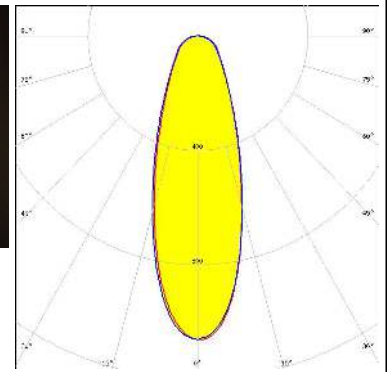
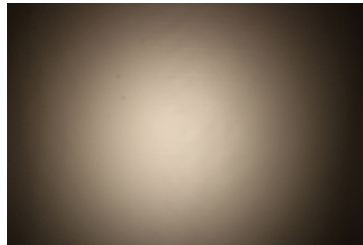
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM / FWTM 31.0° / 71.0°
 Efficiency 83 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



OPTICAL RESULTS (MEASURED):

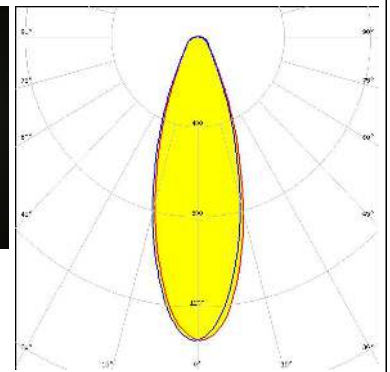
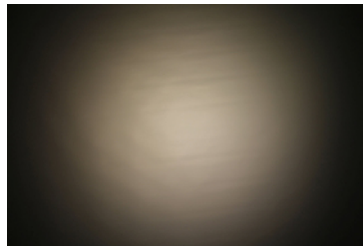
OSRAM

LED PrevaLED Core G7 L15 H1
 FWHM / FWTM 35.0° / 96.0°
 Efficiency 82 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16685_CLAMP-PRV-A



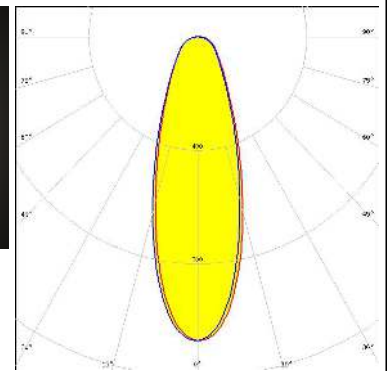
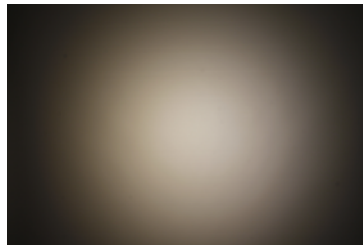
PHILIPS

LED Fortimo SLM L13 CoB
 FWHM / FWTM 34.0° / 73.0°
 Efficiency 81 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1

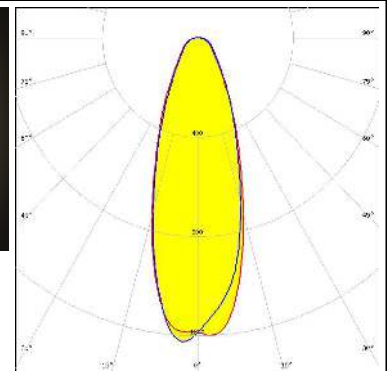
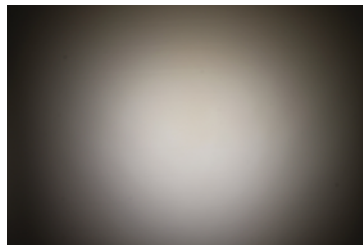


PHILIPS

LED Fortimo SLM L15 + SLM holder
 FWHM / FWTM 34.0° / 92.0°
 Efficiency 79 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



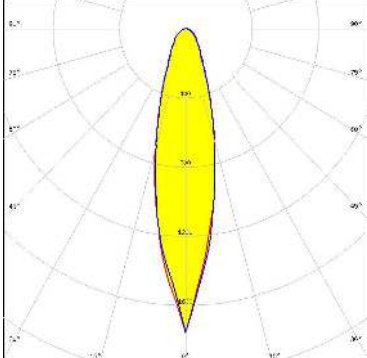
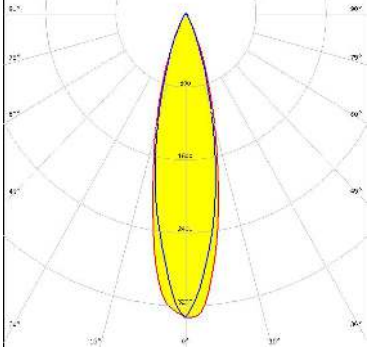
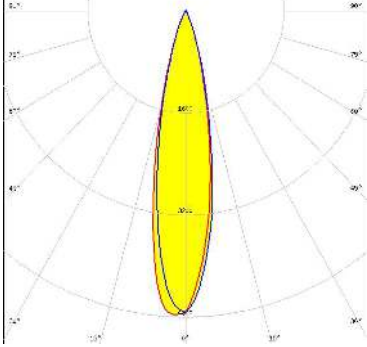
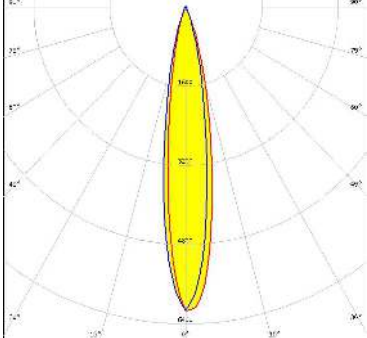
LED AC Zhaga COB
 FWHM / FWTM 36.0° / 84.0°
 Efficiency 83 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Optosource: SEHSMJD-A



OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (SIMULATED):

<p>bridgelux</p> <p>LED V13 Gen7 FWHM / FWTM 24.0° / 64.0° Efficiency 73 % Peak intensity 1.8 cd/lm LEDs/each optic 1 Light colour White Required components: IDEAL: 50-2103CT + 50-2100AN</p>	
<p>CITIZEN</p> <p>LED CLL02x/CLU02x (LES10) FWHM / FWTM 25.0° / 49.0° Efficiency 86 % Peak intensity 3.4 cd/lm LEDs/each optic 1 Light colour White Required components: C13658_CLAMP-VERO13-18</p>	
<p>CREE LED</p> <p>LED CXA/B 15xx FWHM / FWTM 22.0° / 42.0° Efficiency 89 % Peak intensity 4.9 cd/lm LEDs/each optic 1 Light colour White Required components: C13658_CLAMP-VERO13-18</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris S10 FWHM / FWTM 17.0° / 36.0° Efficiency 87 % Peak intensity 6.2 cd/lm LEDs/each optic 1 Light colour White Required components: C13658_CLAMP-VERO13-18</p>	

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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