

## RONDA-S

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

### TECHNICAL SPECIFICATIONS:

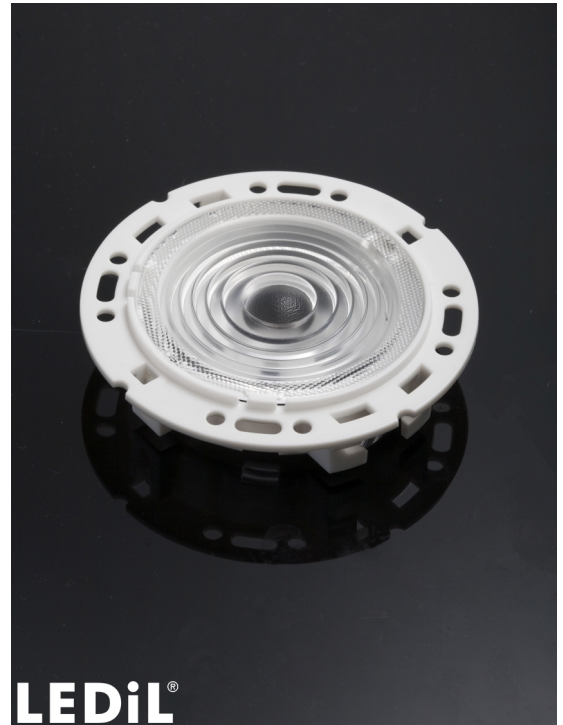
Dimensions	Ø 69.9 mm
Height	17.2 mm
Fastening	screw
ROHS compliant	yes ⓘ

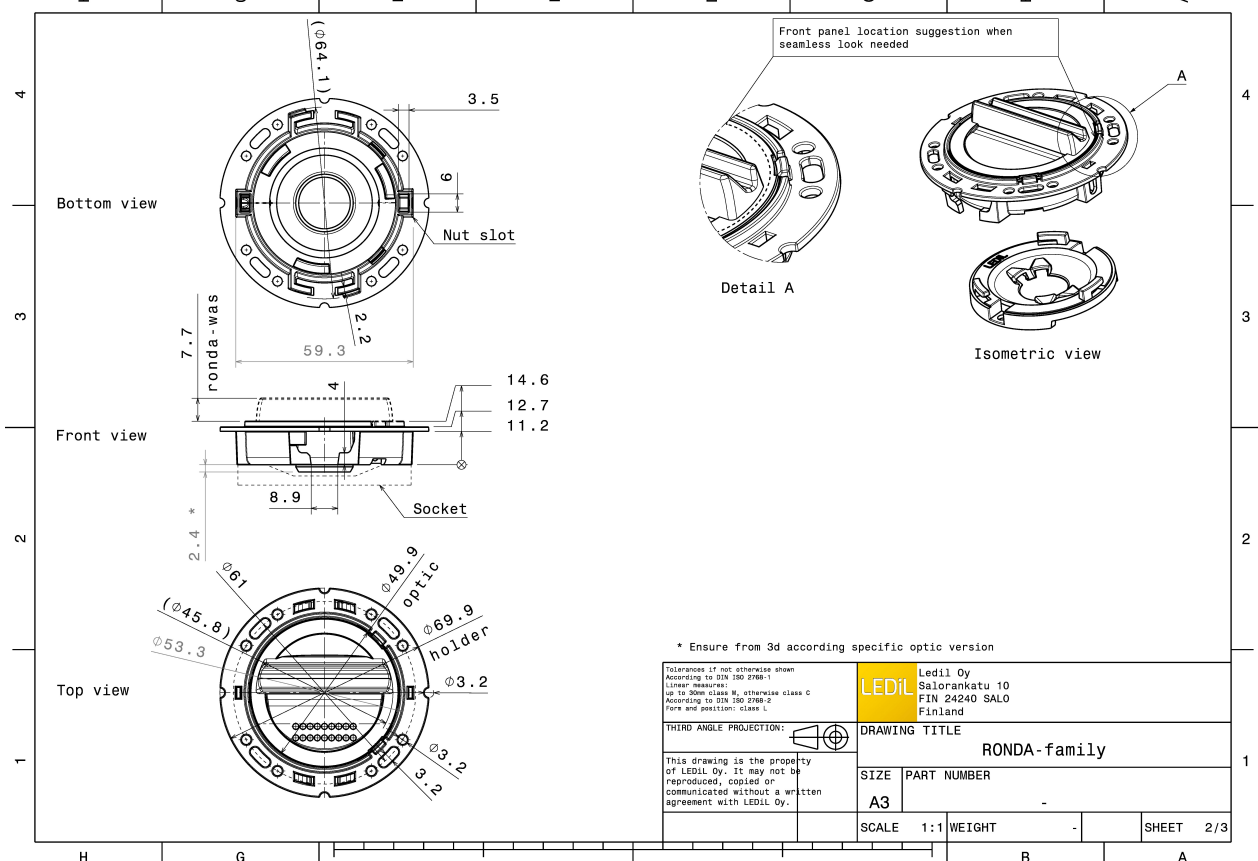
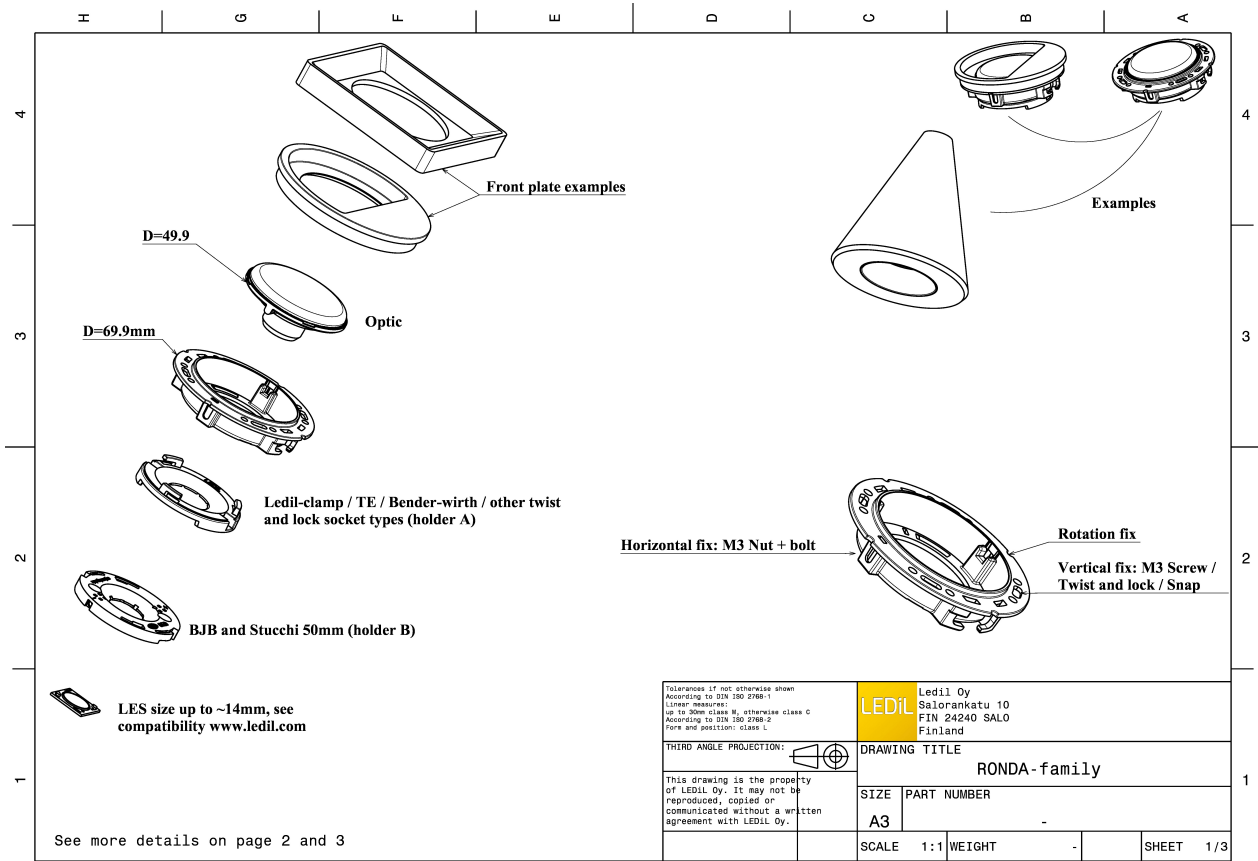
### MATERIAL SPECIFICATIONS:

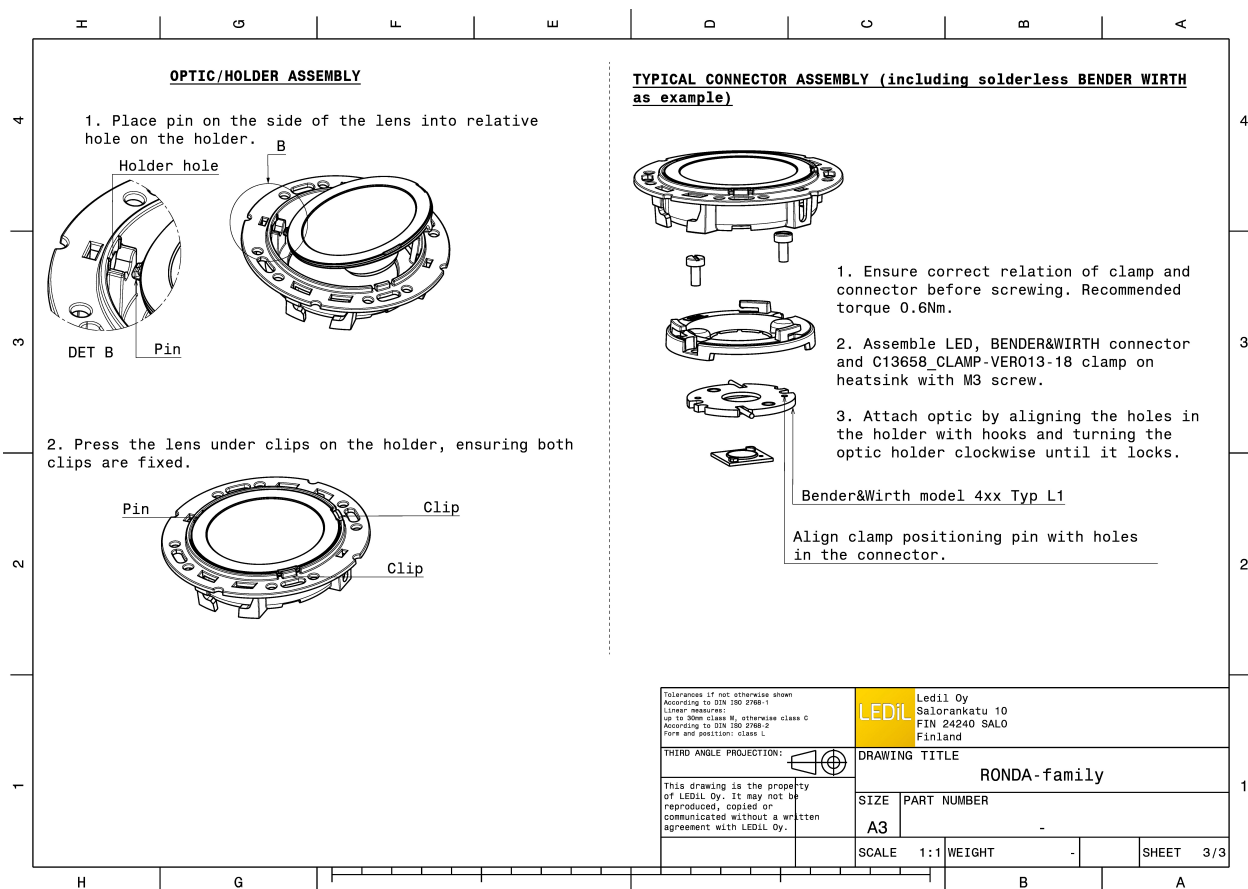
Component	Type	Material	Colour	Finish
RONDA-S	Single lens	PMMA	clear	
RONDA-HLD-A	Holder	PC	white	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FN15679_RONDA-S	Single lens	420	120	30	0.0
» Box size:					







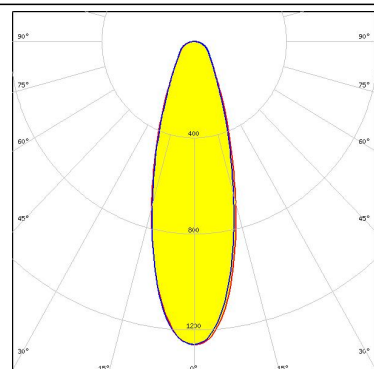
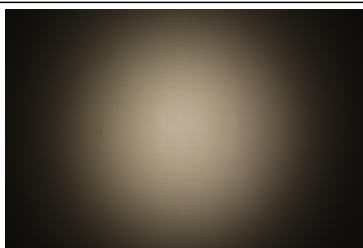
### PHOTOMETRIC DATA (MEASURED):



LED V13 Gen7  
FWHM 32.0°  
Efficiency 80 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White

Required components:

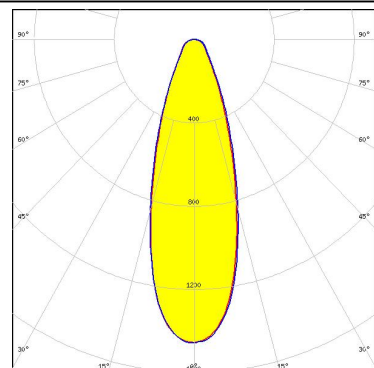
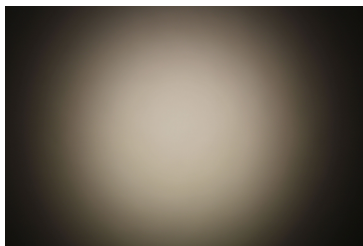
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED Vero SE 13  
FWHM 33.0°  
Efficiency 86 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour White

Required components:

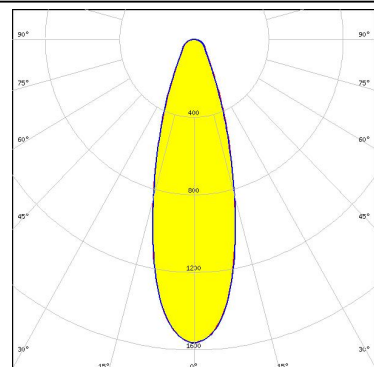
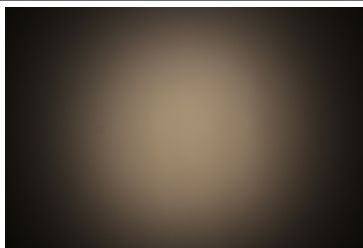
C16402\_CLAMP-VEROSE-13-18



LED VERO13  
FWHM 32.0°  
Efficiency 87 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour White

Required components:

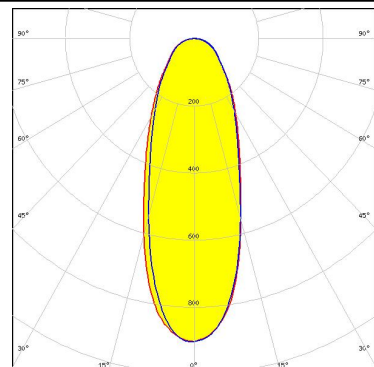
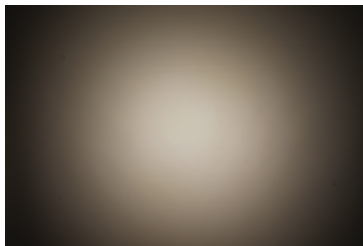
C13658\_CLAMP-VERO13-18



LED VERO18  
FWHM 39.0°  
Efficiency 81 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour White

Required components:

C13658\_CLAMP-VERO13-18

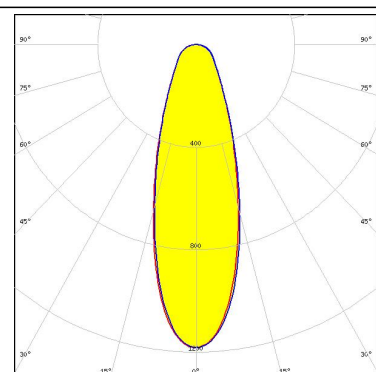
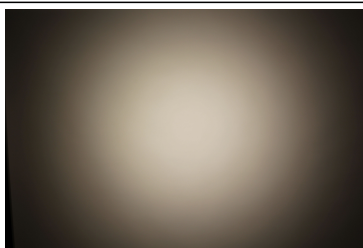




#### PHOTOMETRIC DATA (MEASURED):

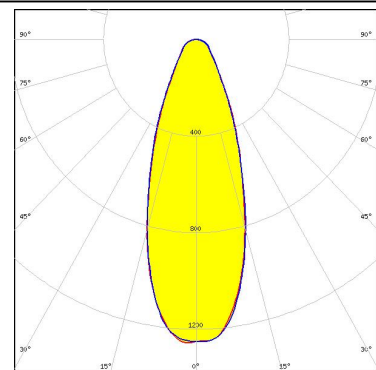
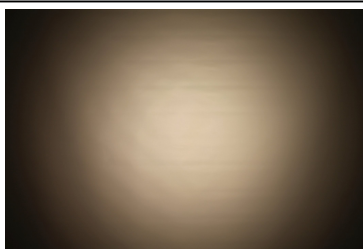
#### CITIZEN

LED CLL03x/CLU03x  
FWHM 33.0°  
Efficiency 83 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16791\_CLAMP-Z45-A  
TE: 2325807-3



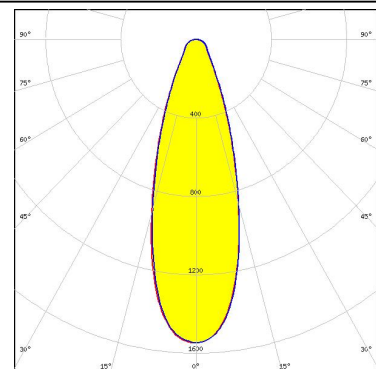
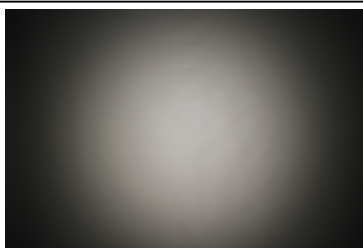
#### CREE

LED CMA1840  
FWHM 38.0°  
Efficiency 88 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14123\_CLAMP-CXA15-18



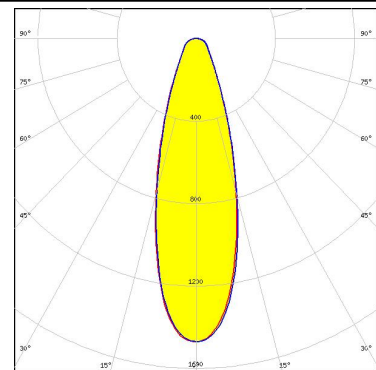
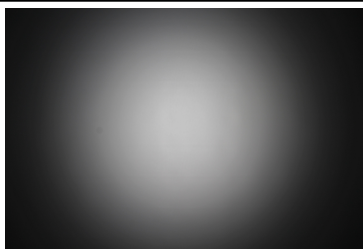
#### CREE

LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
FWHM 33.0°  
Efficiency 88 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14123\_CLAMP-CXA15-18



#### CREE

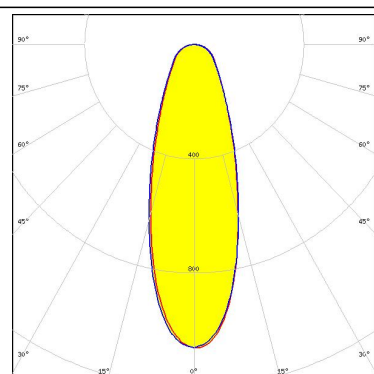
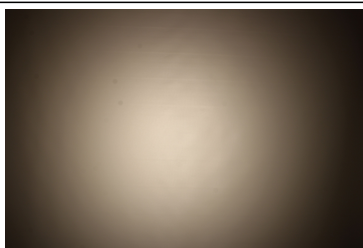
LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
FWHM 31.0°  
Efficiency 83 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



#### PHOTOMETRIC DATA (MEASURED):

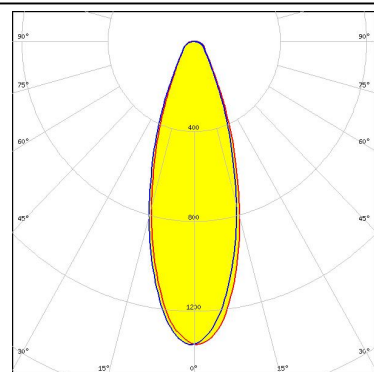
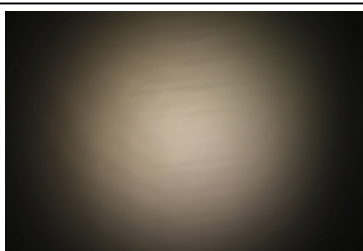
#### OSRAM

LED PrevaLED Core G7 L15 H1  
 FWHM 35.0°  
 Efficiency 82 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16685\_CLAMP-PRV-A



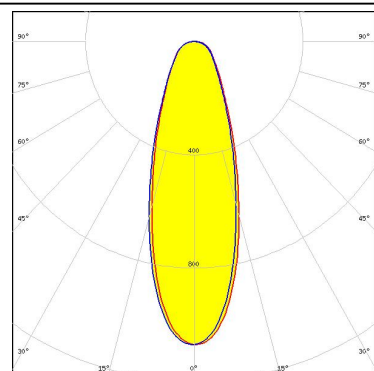
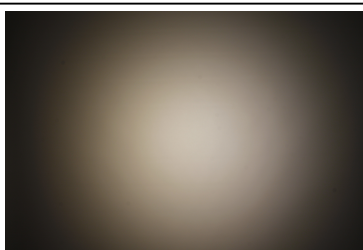
#### PHILIPS

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



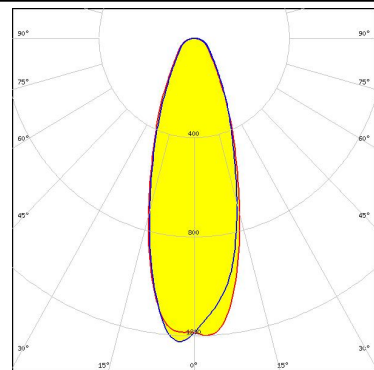
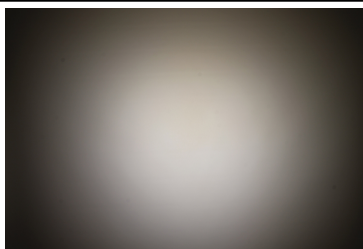
#### PHILIPS

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



SEOL SEMICONDUCTOR

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



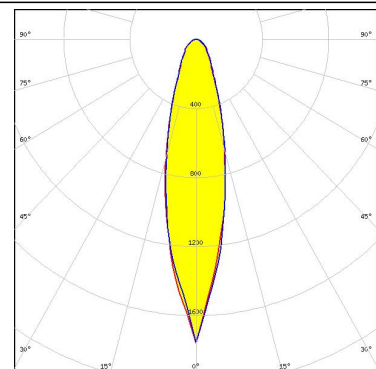
### PHOTOMETRIC DATA (MEASURED):



### PHOTOMETRIC DATA (SIMULATED):

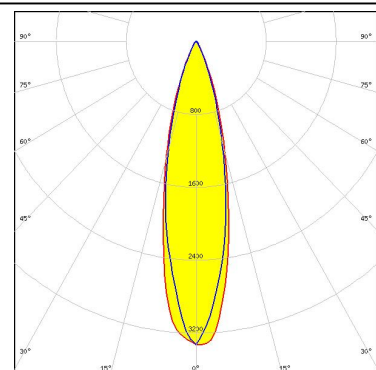


LED V13 Gen7  
FWHM 24.0°  
Efficiency 73 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
IDEAL: 50-2103CT + 50-2100AN

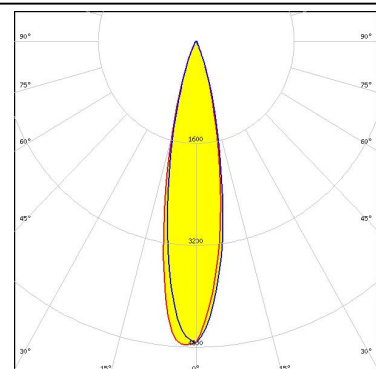


### CITIZEN

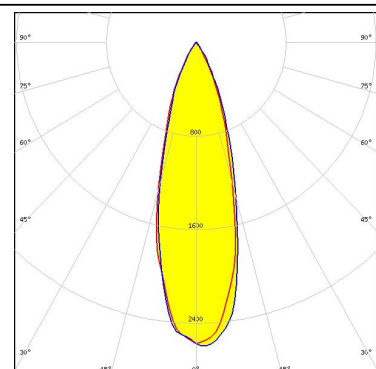
LED CLL02x/CLU02x (LES10)  
FWHM 25.0°  
Efficiency 86 %  
Peak intensity 3.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C13658\_CLAMP-VERO13-18



LED CXA/B 15xx  
FWHM 22.0°  
Efficiency 89 %  
Peak intensity 4.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C13658\_CLAMP-VERO13-18



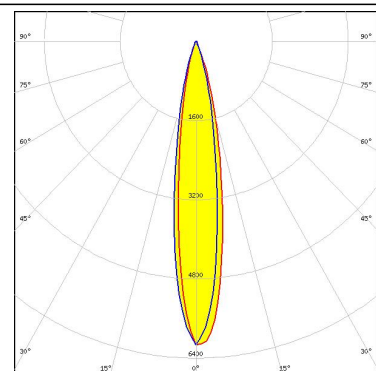
LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
FWHM 29.0°  
Efficiency 85 %  
Peak intensity 2.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14123\_CLAMP-CXA15-18



### PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED	Duris S10
FWHM	17.0°
Efficiency	87 %
Peak intensity	6.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	C13658_CLAMP-VERO13-18



### 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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