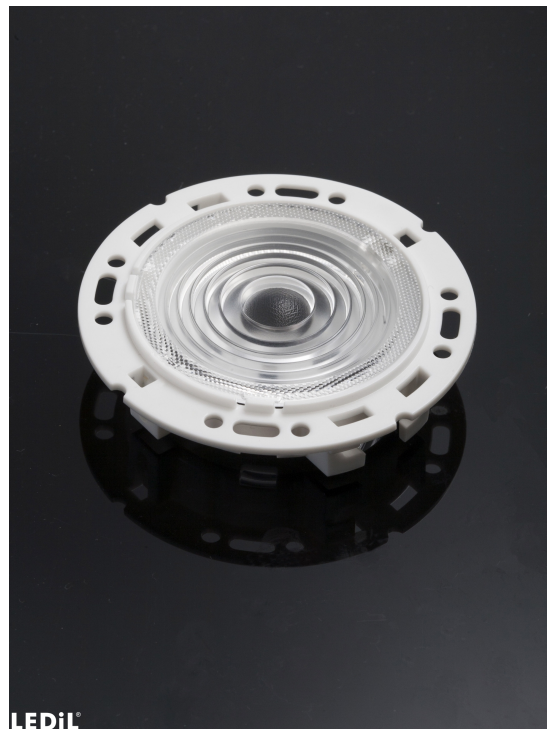


### RONDA-S

~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:

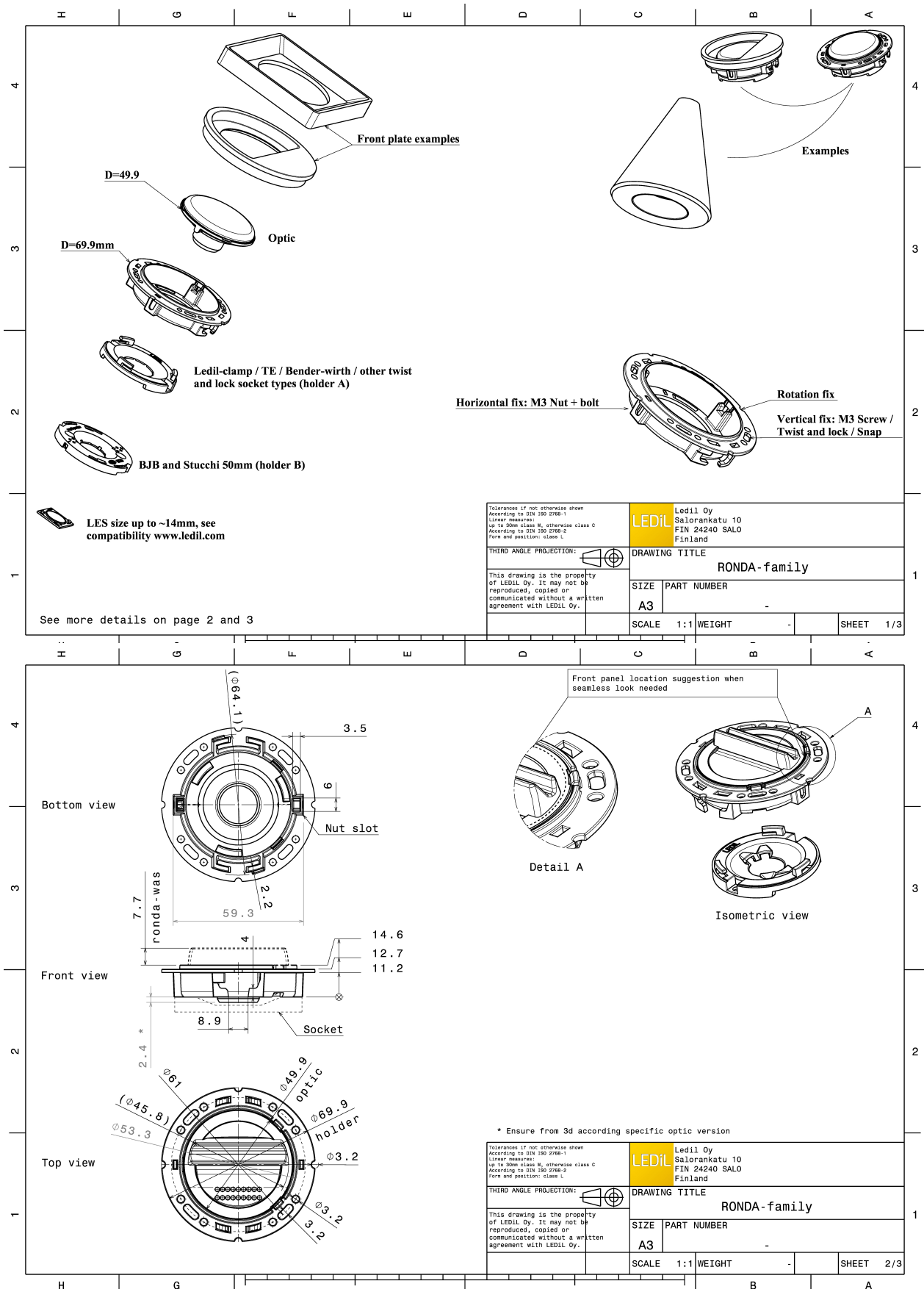
Component	Type	Material	Colour	Finish
F15667_RONDA-S	Single lens	PMMA	clear	
F15155_RONDA-HLD-A	Holder	PC	white	

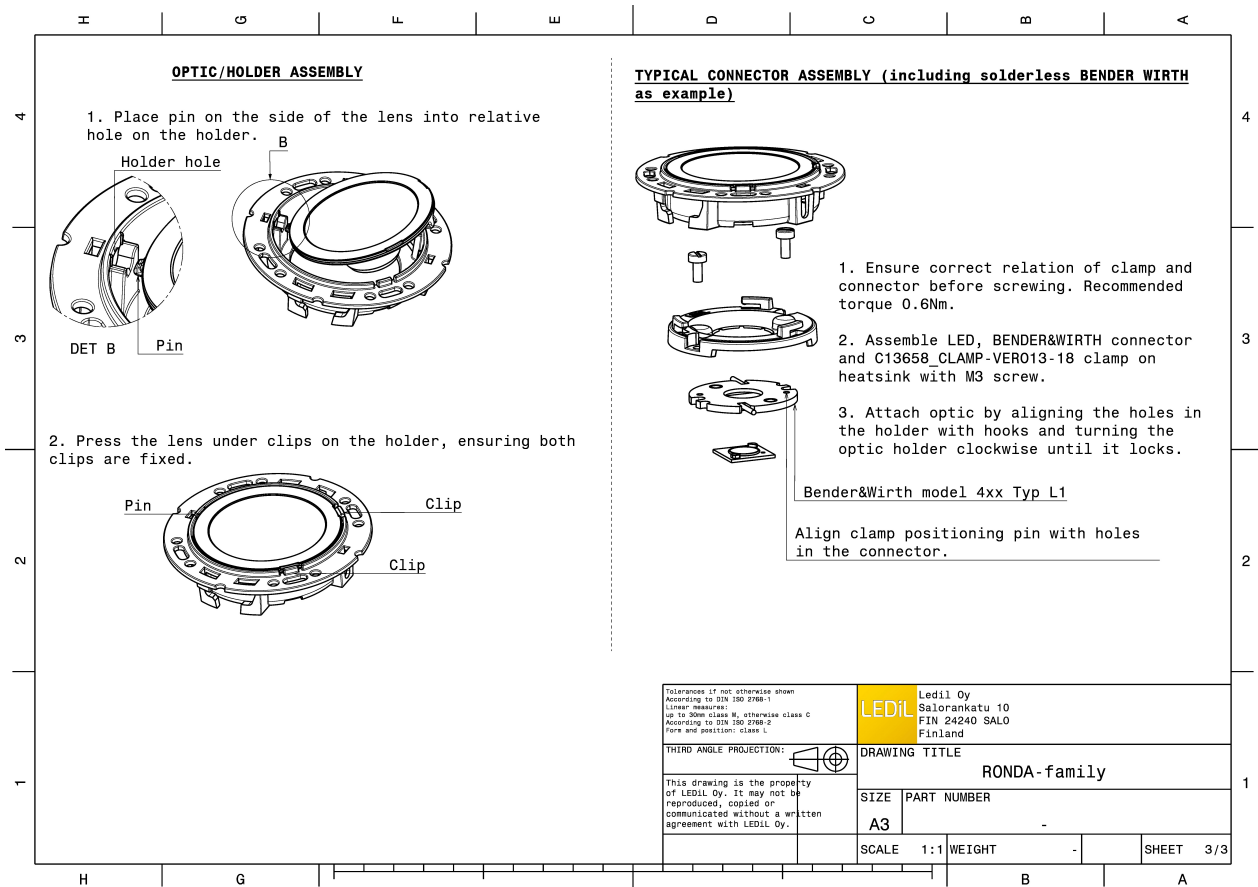
#### ORDERING INFORMATION:

##### Quantities for one set:

Single lens	1
Holder	1

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





See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)



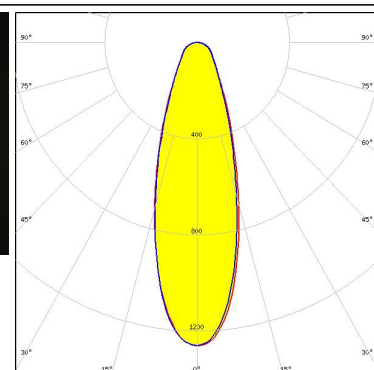
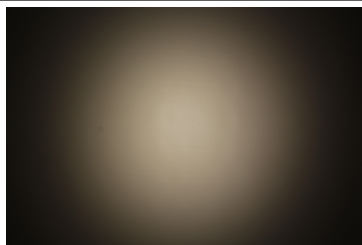
### OPTICAL RESULTS (MEASURED):



LED V13 Gen7  
FWHM / FWTM 32.0° / 79.0°  
Efficiency 80 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White

Required components:

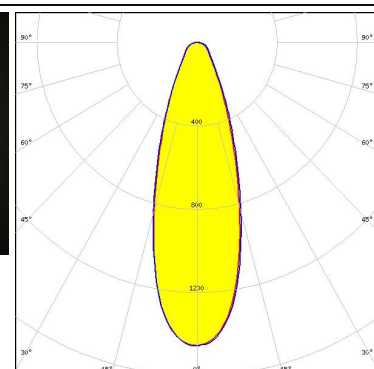
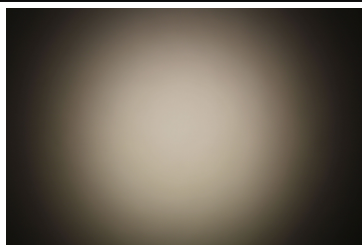
TE Connectivity: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED Vero SE 13  
FWHM / FWTM 33.0° / 73.0°  
Efficiency 86 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour White

Required components:

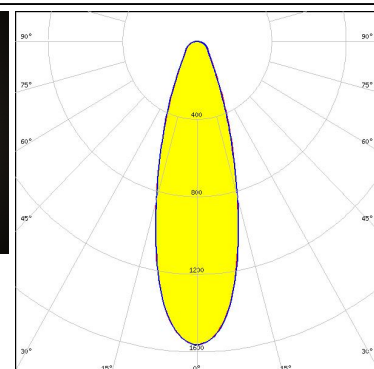
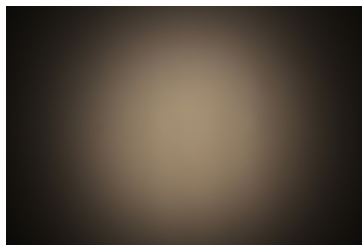
C16402\_CLAMP-VEROSE-13-18



LED VERO13  
FWHM / FWTM 32.0° / 70.0°  
Efficiency 87 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour White

Required components:

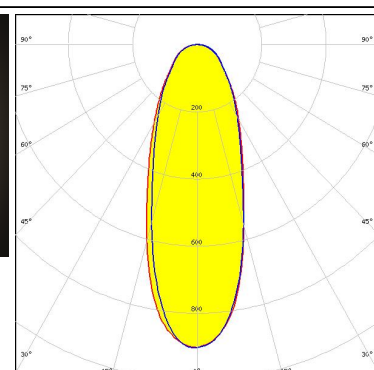
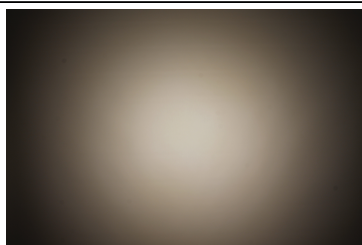
C13658\_CLAMP-VERO13-18



LED VERO18  
FWHM / FWTM 39.0° / 109.0°  
Efficiency 81 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour White

Required components:

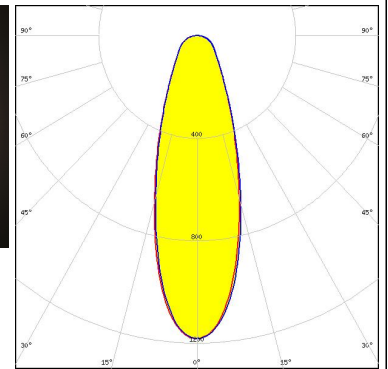
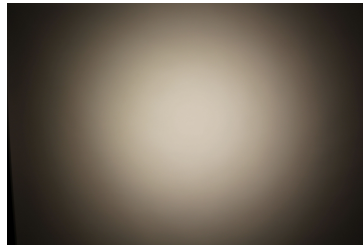
C13658\_CLAMP-VERO13-18



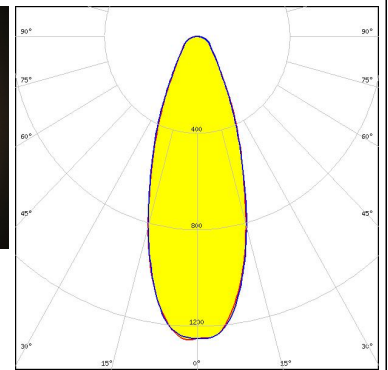
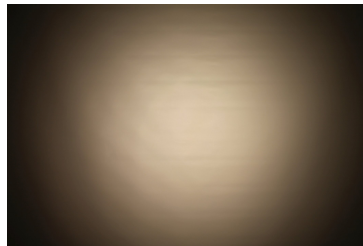
### OPTICAL RESULTS (MEASURED):

#### CITIZEN

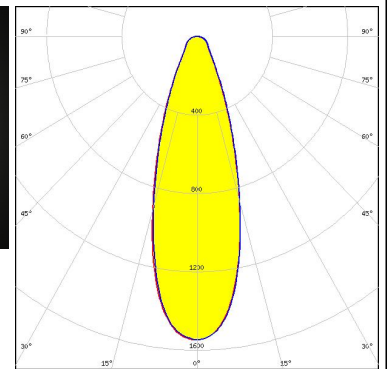
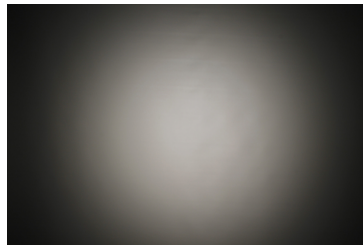
LED CLL03x/CLU03x  
FWHM / FWTM 33.0° / 87.0°  
Efficiency 83 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16791\_CLAMP-Z45-A  
TE Connectivity: 2325807-3



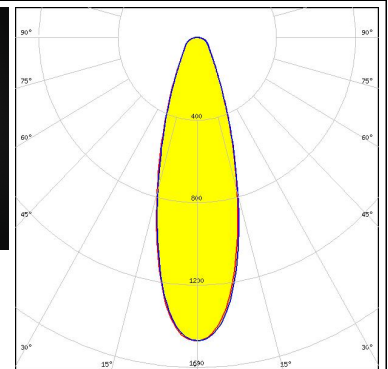
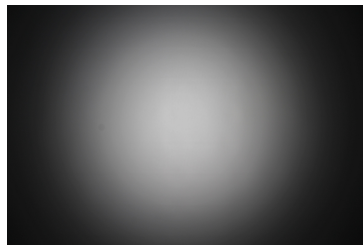
LED CMA1840  
FWHM / FWTM 38.0°  
Efficiency 88 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14123\_CLAMP-CXA15-18



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



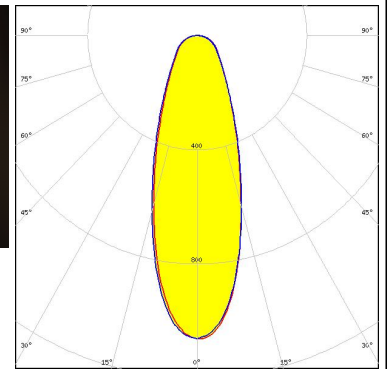
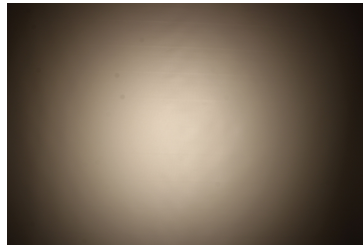
LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
FWHM / FWTM 31.0° / 71.0°  
Efficiency 83 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
TE Connectivity: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



### OPTICAL RESULTS (MEASURED):

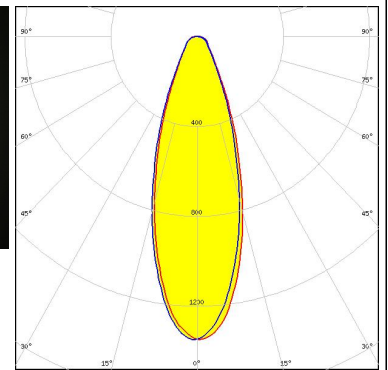
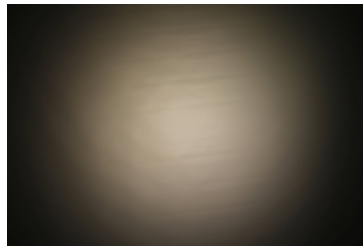
#### OSRAM

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



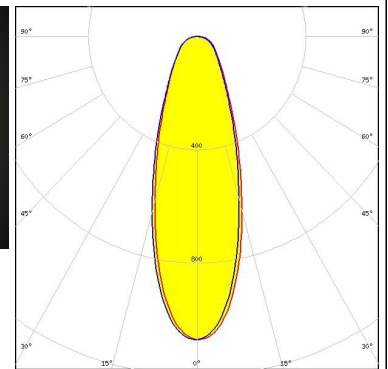
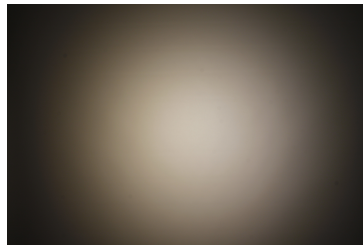
#### PHILIPS

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



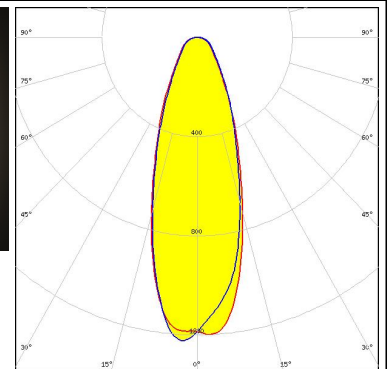
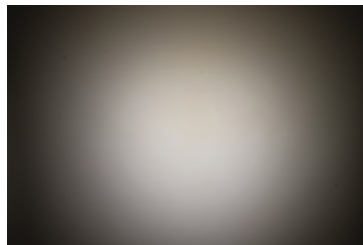
#### PHILIPS

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:



SEOUL SEMICONDUCTOR

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



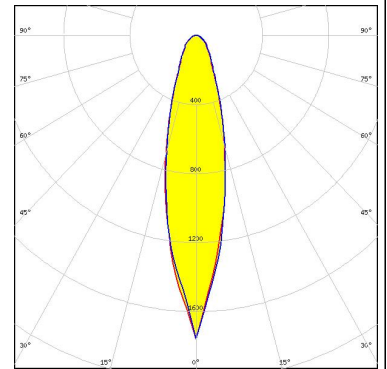
### OPTICAL RESULTS (MEASURED):



### OPTICAL RESULTS (SIMULATED):

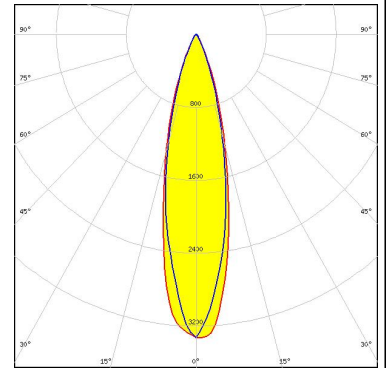


LED V13 Gen7  
FWHM / FWTM 24.0° / 64.0°  
Efficiency 73 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
IDEAL: 50-2103CT + 50-2100AN

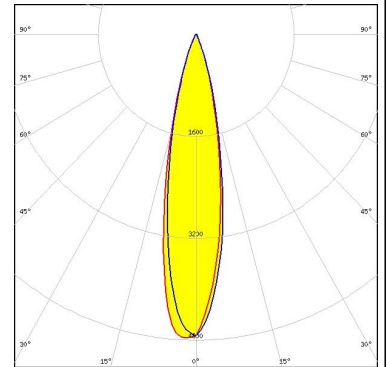


### CITIZEN

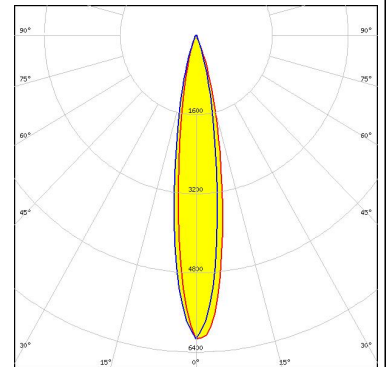
LED CLL02x/CLU02x (LES10)  
FWHM / FWTM 25.0° / 49.0°  
Efficiency 86 %  
Peak intensity 3.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C13658\_CLAMP-VERO13-18



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



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



### 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.

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