

### RONDA-WAS2-C

Asymmetric beam ideal for floor installations with holder C compatible with LEDiL HEKLA

#### SPECIFICATION:

Dimensions	Ø 53.9 mm
Height	16 mm
Fastening	socket
ROHS compliant	yes ⓘ



#### MATERIALS:

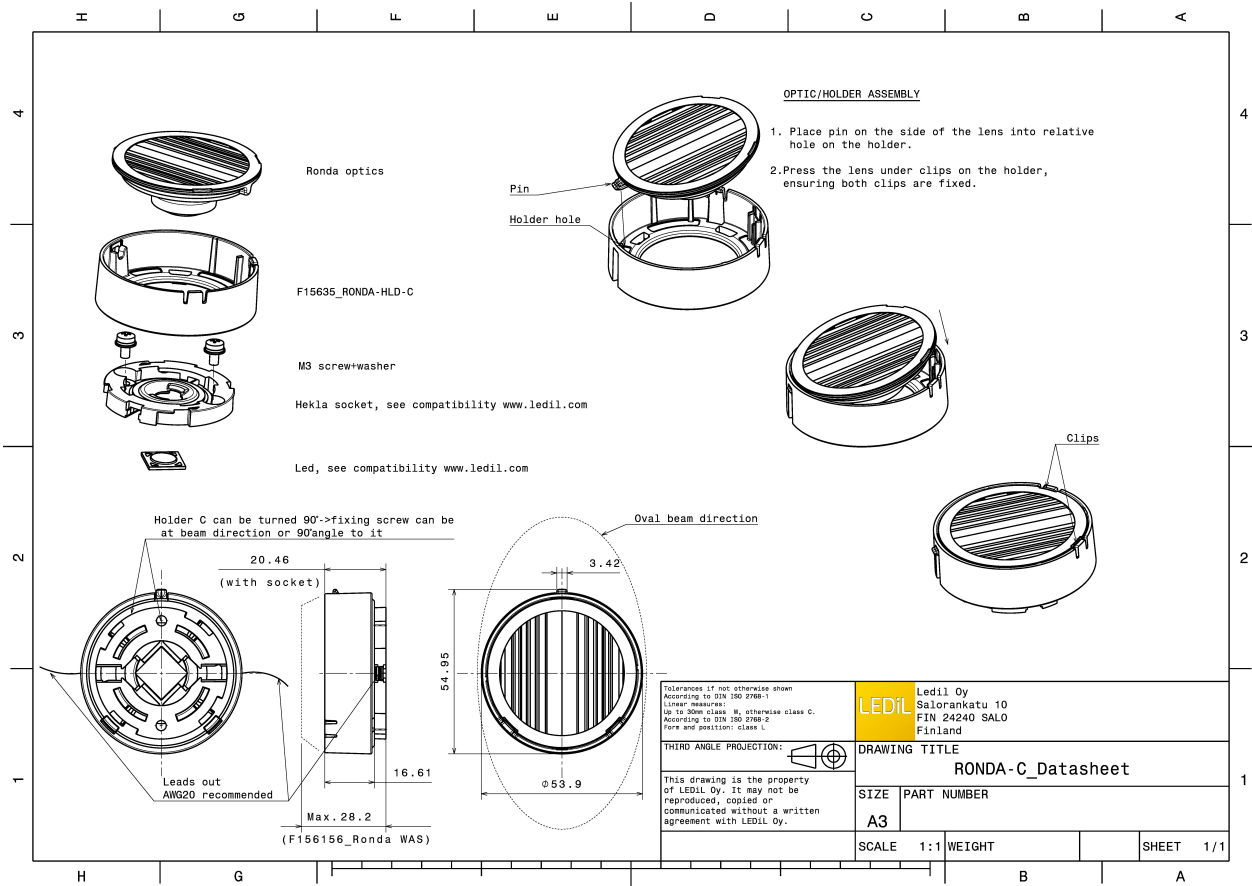
Component	Type	Material	Colour	Finish
F15862_RONDA-WAS2	Single lens	PMMA	clear	
F15635_RONDA-HLD-C	Holder	PC	white	

#### ORDERING INFORMATION:

##### Quantities for one set:


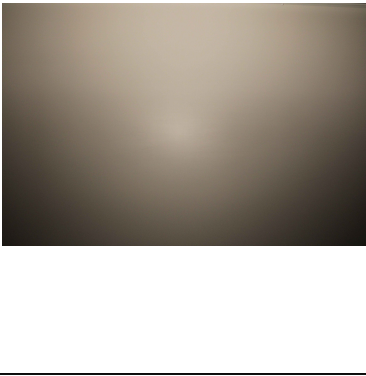
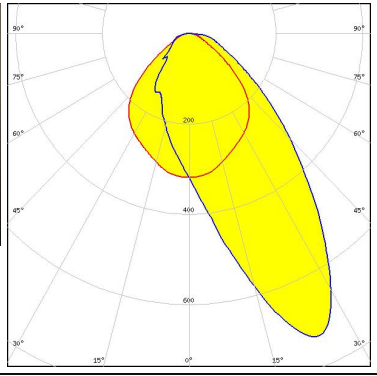

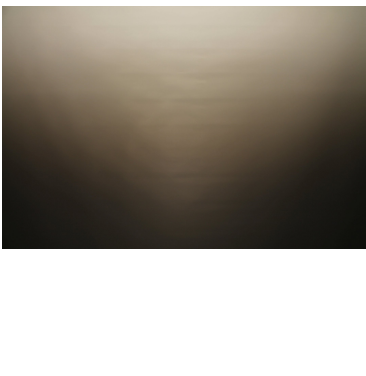
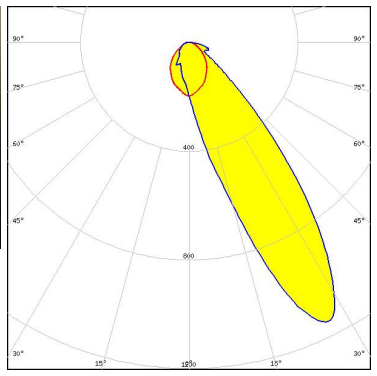

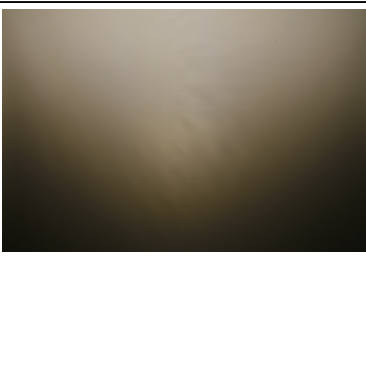
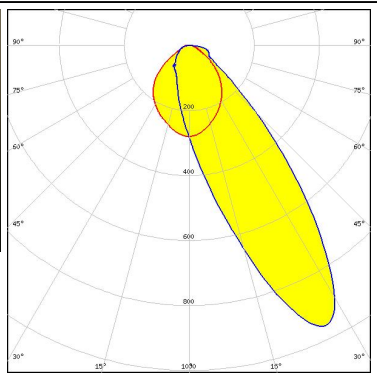

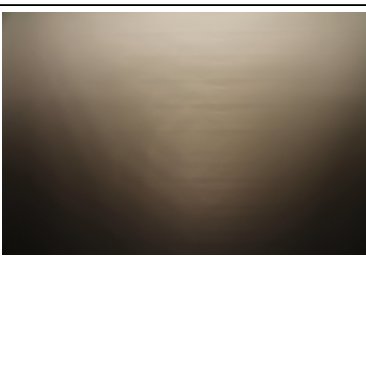
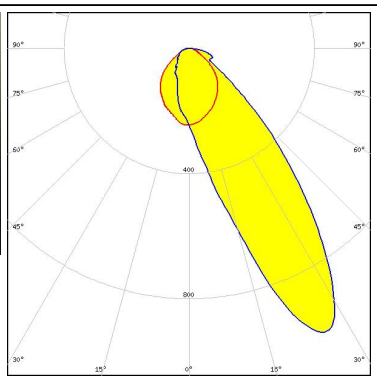
Single lens	1
Holder	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
F15862_RONDA-WAS2	Single lens	420	120	30	8.3
» Box size: 480 x 280 x 300 mm					
F15635_RONDA-HLD-C	Holder	420	120	30	4.1
» Box size: 480 x 280 x 300 mm					


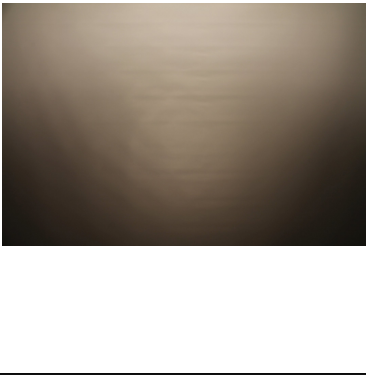
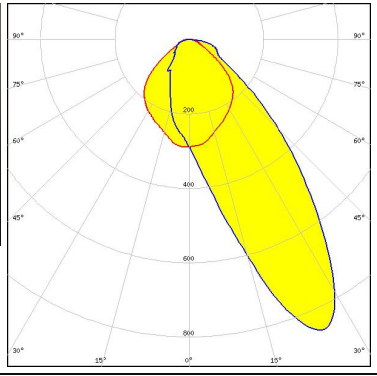

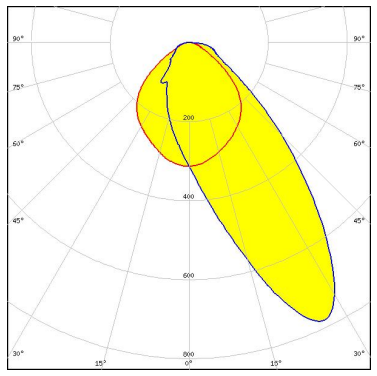

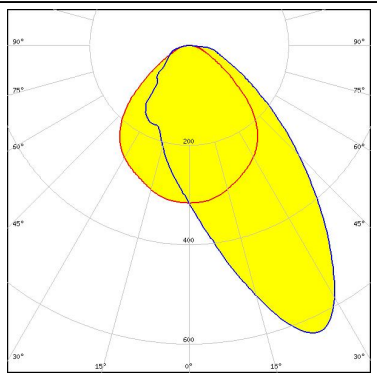

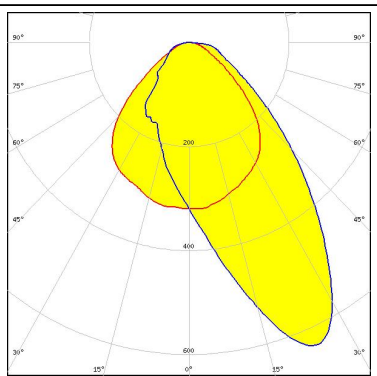


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)


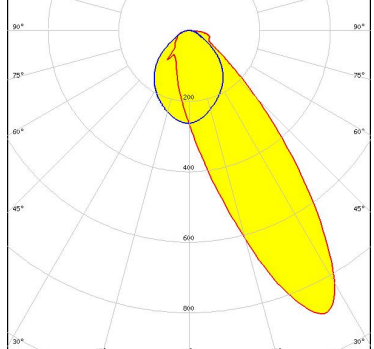

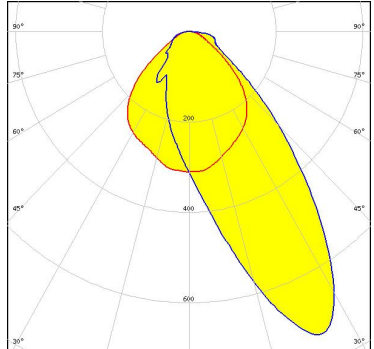
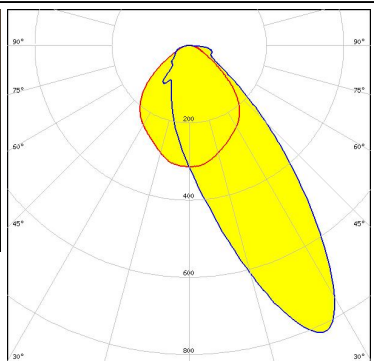
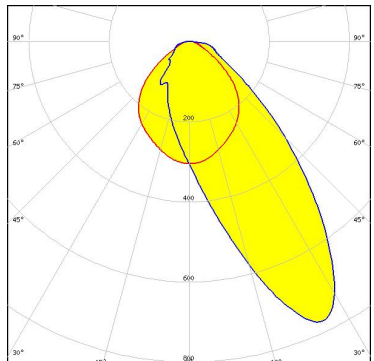
### OPTICAL RESULTS (MEASURED):

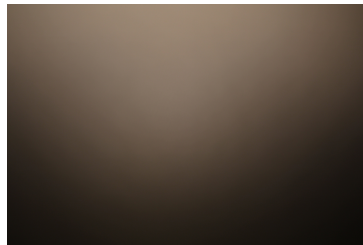
<p></p> <p>LED V11 HD Gen 8            FWHM / FWTM Asymmetric            Efficiency 88 %            Peak intensity 0.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:            Bender Wirth: 633d Hekla</p>		
<p></p> <p>LED V4 HD Gen 7            FWHM / FWTM Asymmetric            Efficiency 91 %            Peak intensity 1.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15253_HEKLA-SOCKET-A</p>		
<p></p> <p>LED V6 Gen6            FWHM / FWTM Asymmetric            Efficiency 89 %            Peak intensity 1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15253_HEKLA-SOCKET-A</p>		
<p></p> <p>LED V6 HD Gen 7            FWHM / FWTM Asymmetric            Efficiency 91 %            Peak intensity 1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15255_HEKLA-SOCKET-C</p>		

### OPTICAL RESULTS (MEASURED):

<p></p> <p>LED V9 HD Gen7            FWHM / FWTM Asymmetric            Efficiency 89 %            Peak intensity 0.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15859_HEKLA-SOCKET-I</p>		
<p></p> <p>LED VERO10            FWHM / FWTM Asymmetric            Efficiency 89 %            Peak intensity 0.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15616_HEKLA-SOCKET-F</p>		
<p></p> <p>LED Vesta DTW 13mm (21W)            FWHM / FWTM Asymmetric            Efficiency 85 %            Peak intensity 0.6 cd/lm            LEDs/each optic 1            Light colour Tunable White            Required components:            C16142_HEKLA-SOCKET-K            Bender Wirth: 491 Typ L8</p>		
<p></p> <p>LED Vesta TW 13mm (25W) CSP            FWHM / FWTM Asymmetric            Efficiency 85 %            Peak intensity 0.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

### OPTICAL RESULTS (MEASURED):

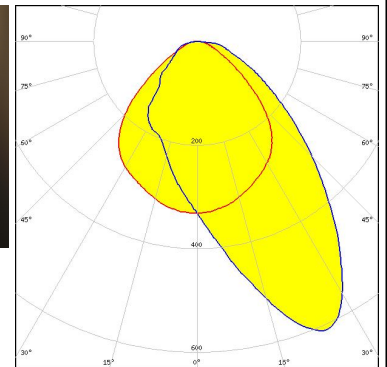
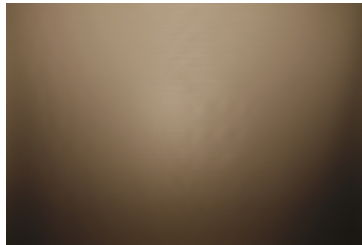
<p></p> <p>LED Vesta TW 6mm DP            FWHM / FWTM Asymmetric            Efficiency 84 %            Peak intensity 0.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C16142_HEKLA-SOCKET-K            Bender Wirth: 504 Typ L8</p>	
<p></p> <p>LED Vesta TW 9mm (12W) CSP            FWHM / FWTM Asymmetric            Efficiency 86 %            Peak intensity 0.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C16142_HEKLA-SOCKET-K</p>	
<p><b>CITIZEN</b></p> <p>LED CLC020 Series (Dim-To-Warm)            FWHM / FWTM Asymmetric            Efficiency 86 %            Peak intensity 0.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C16142_HEKLA-SOCKET-K</p>	
<p><b>CITIZEN</b></p> <p>LED CLL02x/CLU02x (LES10)            FWHM / FWTM Asymmetric            Efficiency 87 %            Peak intensity 0.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15255_HEKLA-SOCKET-C</p>	



### OPTICAL RESULTS (MEASURED):

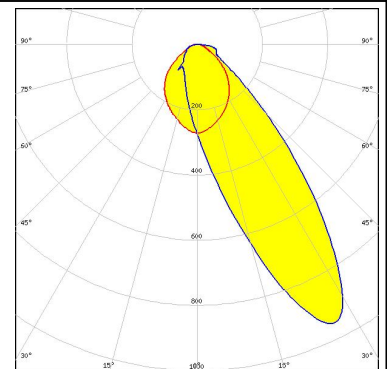
#### CITIZEN

LED CLL03x/CLU03x  
 FWHM / FWTM Asymmetric  
 Efficiency 86 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



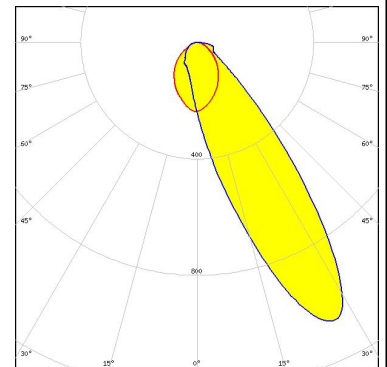
#### CITIZEN

LED CLU700/701/702/703  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



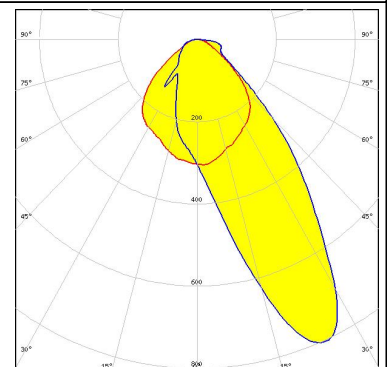
#### CITIZEN

LED CLU7A2/7A3  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



#### CITIZEN

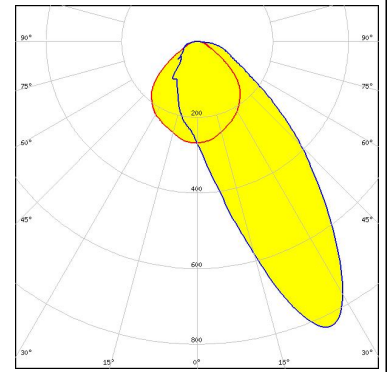
LED LCN-C01B (Tunable White)  
 FWHM / FWTM Asymmetric  
 Efficiency 86 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 481 Typ L8



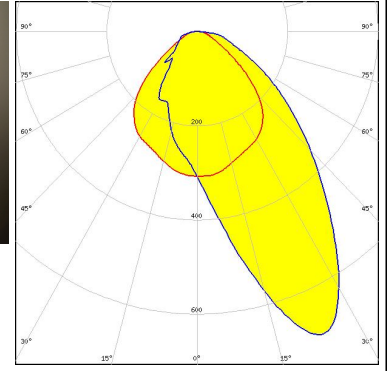
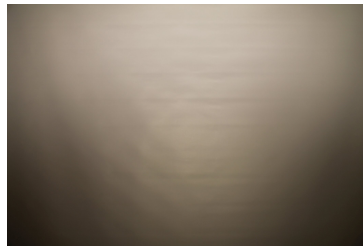
### OPTICAL RESULTS (MEASURED):



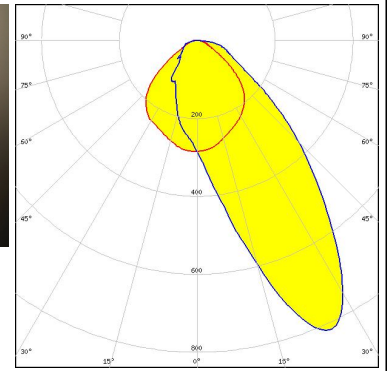
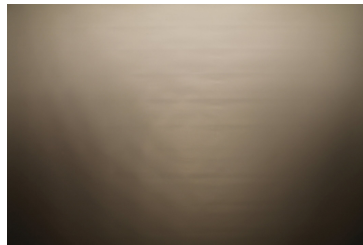
LED CMA1516  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15256\_HEKLA-SOCKET-D



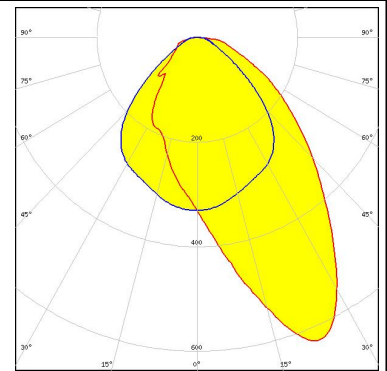
LED CMA1825  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15254\_HEKLA-SOCKET-B



LED CMT14xx  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



LED CMT19xx  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I

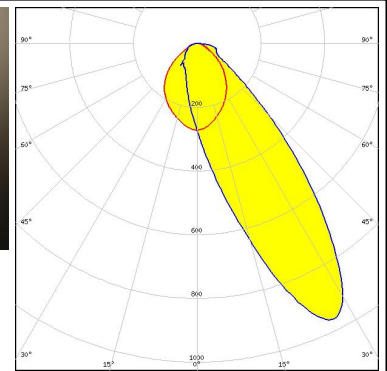
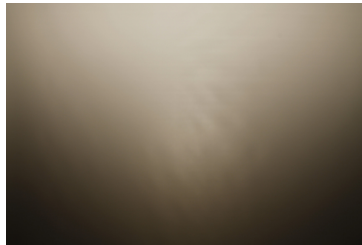




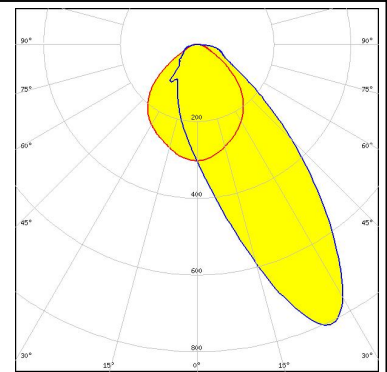
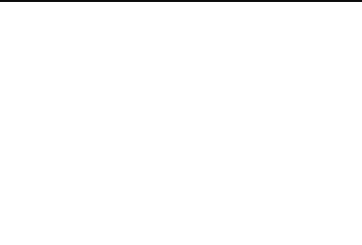
### OPTICAL RESULTS (MEASURED):



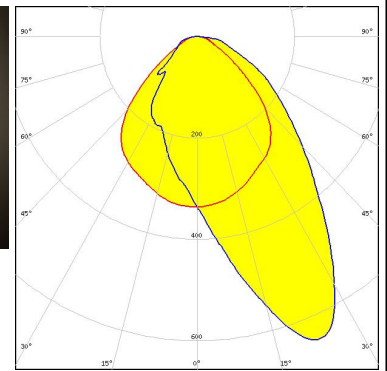
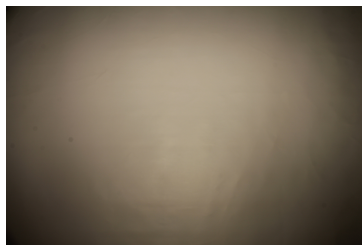
LED CXA/B 13xx  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15956\_HEKLA-SOCKET-J



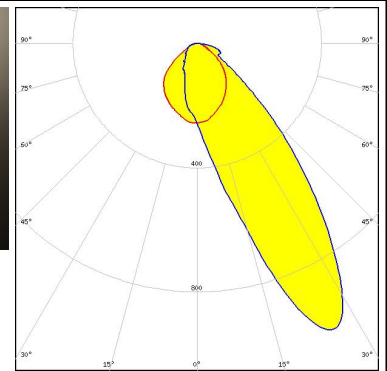
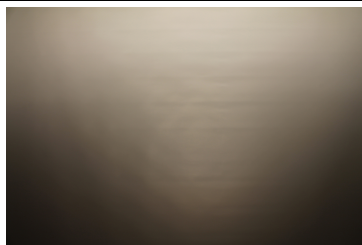
LED CXA/B 15xx  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15256\_HEKLA-SOCKET-D



LED LUXEON CX Plus CoB L08 (Gen2)  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 637a Hekla



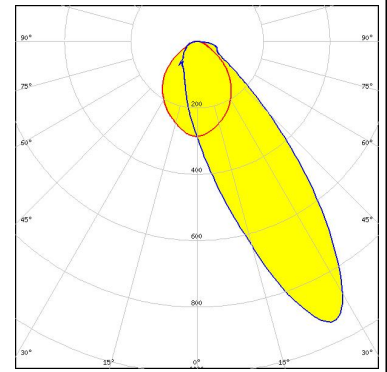
LED LUXEON CoB 1202HD  
 FWHM / FWTM Asymmetric  
 Efficiency 92 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15848\_HEKLA-SOCKET-G



### OPTICAL RESULTS (MEASURED):

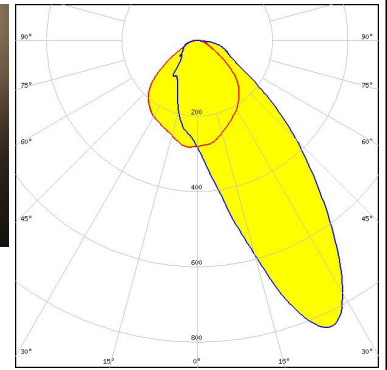
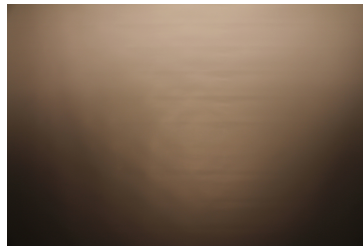
#### LUMILEDS

LED LUXEON CoB 1202s  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15848\_HEKLA-SOCKET-G



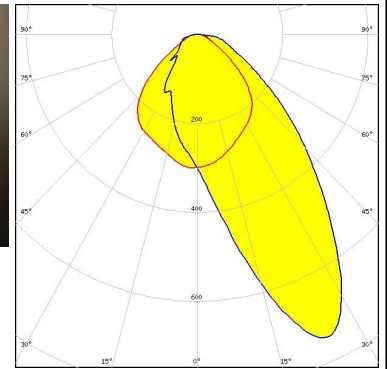
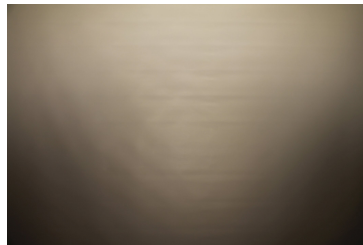
#### LUMILEDS

LED LUXEON CoB 1204HD  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15858\_HEKLA-SOCKET-H



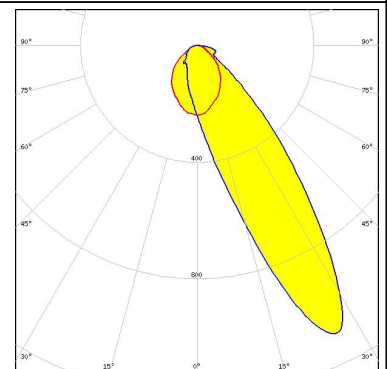
#### LUMILEDS

LED LUXEON CoB 1205HD  
 FWHM / FWTM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15858\_HEKLA-SOCKET-H

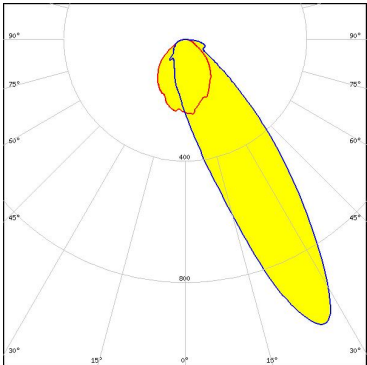
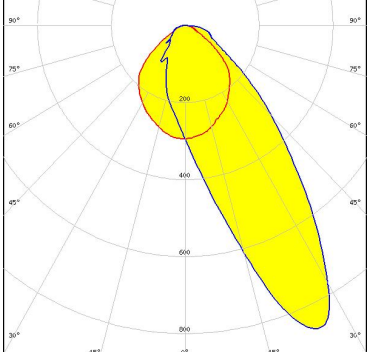
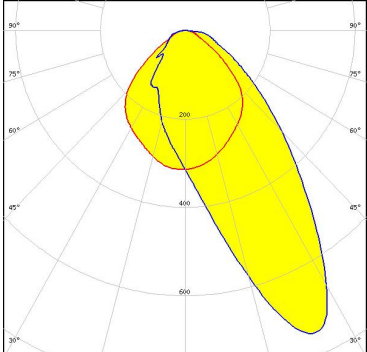
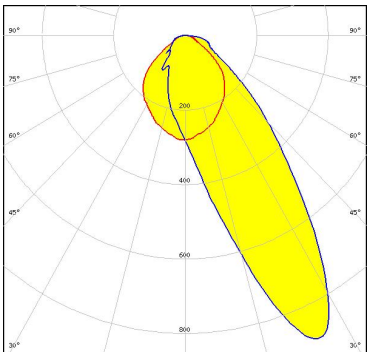
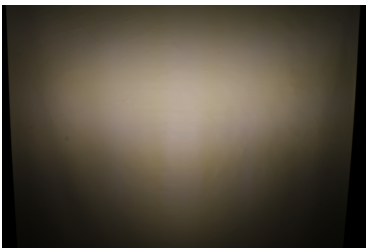


#### LUMILEDS


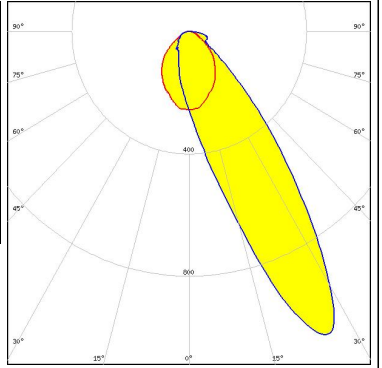
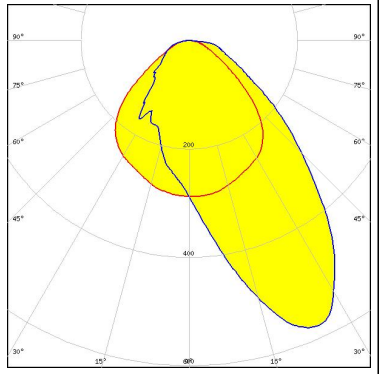
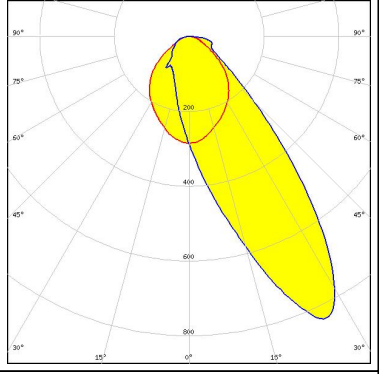
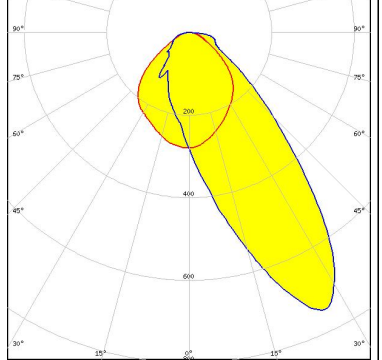
LED LUXEON CX Plus CoB - HD S01H4  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 634c Hekla



### OPTICAL RESULTS (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON CX Plus CoB - HD S02H6</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 89 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 634c Hekla</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON CX Plus CoB - HD S04H9</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 634c Hekla</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON CX Plus CoB L04 / L05 (Gen2)</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 637a Hekla</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON CX Plus CoB M02 / M03 (Gen2)</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 641a Hekla</p>	 

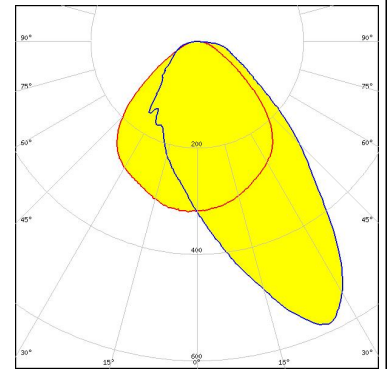
### OPTICAL RESULTS (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON CX Plus CoB S01 (Gen2)</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 89 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 634c Hekla</p>		
<p><b>LUMINUS</b></p> <p>LED CDM-14 (Dim-To-Warm)</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 82 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 491 Typ L8</p>		
<p><b>LUMINUS</b></p> <p>LED CDM-6 (Dim-To-Warm)</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 490 Typ L8</p>		
<p><b>LUMINUS</b></p> <p>LED CDM-9 (Dim-To-Warm)</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 490 Typ L8</p>		

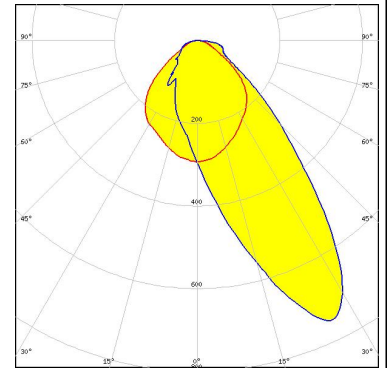
### OPTICAL RESULTS (MEASURED):



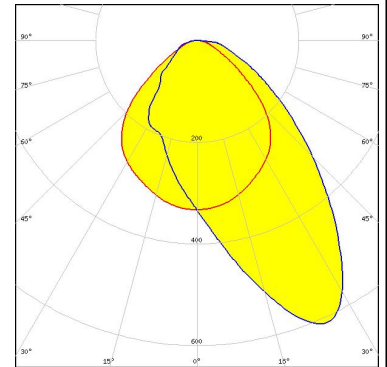
**LED** CTM-14 (Tunable White)  
**FWHM / FWTM** Asymmetric  
**Efficiency** 83 %  
**Peak intensity** 0.6 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 442 Typ L8



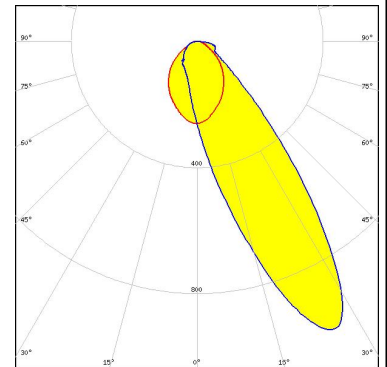
**LED** CTM-9 (Tunable White)  
**FWHM / FWTM** Asymmetric  
**Efficiency** 85 %  
**Peak intensity** 0.8 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 495 Typ L8



**LED** CxM-14 (19x19)  
**FWHM / FWTM** Asymmetric  
**Efficiency** 87 %  
**Peak intensity** 0.6 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F15859\_HEKLA-SOCKET-I



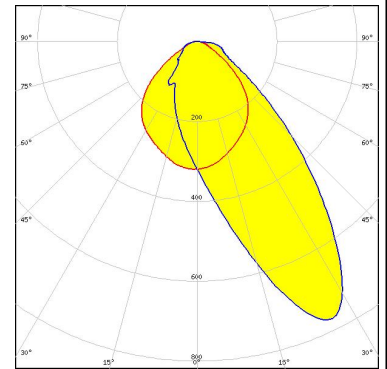
**LED** CXM-4  
**FWHM / FWTM** Asymmetric  
**Efficiency** 88 %  
**Peak intensity** 1 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F15255\_HEKLA-SOCKET-C



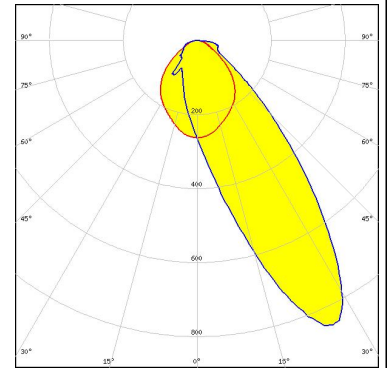
### OPTICAL RESULTS (MEASURED):



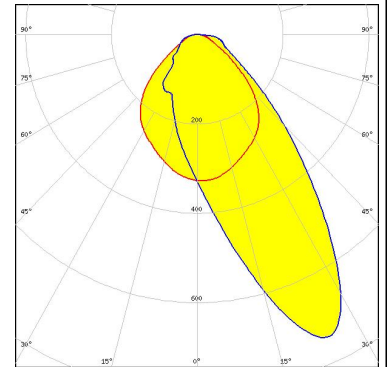
LED CxM-9 (13.5x13.5)  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



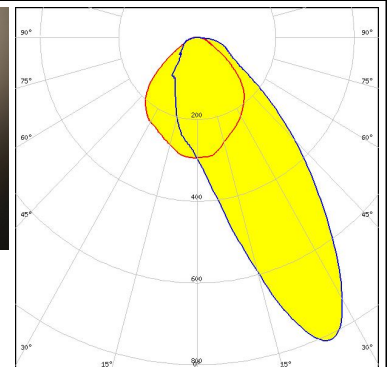
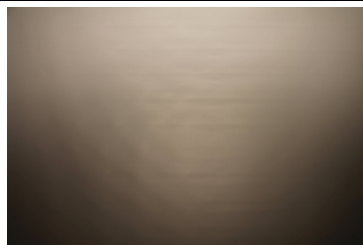
LED NJCW024Z-V1MT: COB L-Type Tunable White  
 FWHM / FWTM Asymmetric  
 Efficiency 82 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 497 Typ L8



LED NVCWJ024Z-V1MT: COB J-Type Tunable White  
 FWHM / FWTM Asymmetric  
 Efficiency 86 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 498 Typ L8



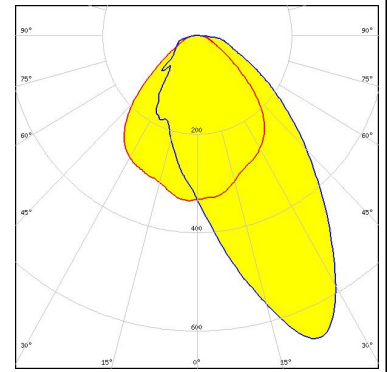
LED Fortimo SLM L09 CoB  
 FWHM / FWTM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15858\_HEKLA-SOCKET-H



### OPTICAL RESULTS (MEASURED):

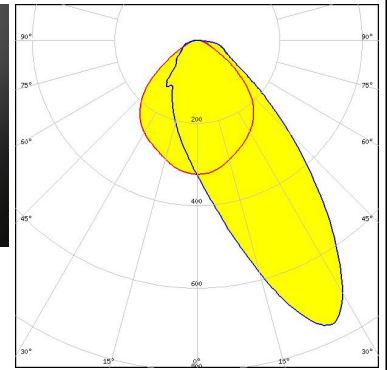
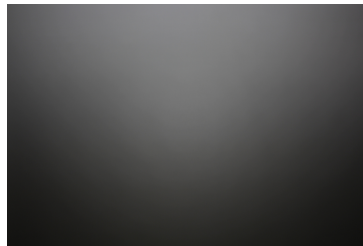
#### PHILIPS

LED Fortimo SLM L13 CoB  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 432 Typ L8



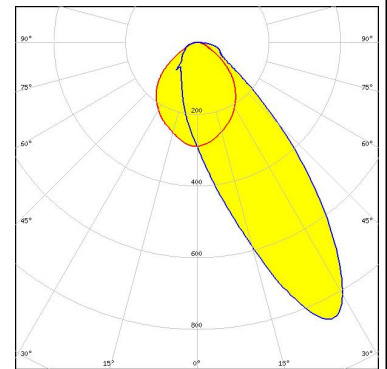
#### SAMSUNG

LED LC003D / LC006D / LC009D / LC013D  
 FWHM / FWTM Asymmetric  
 Efficiency 87 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



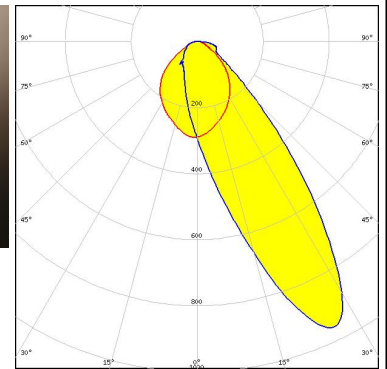
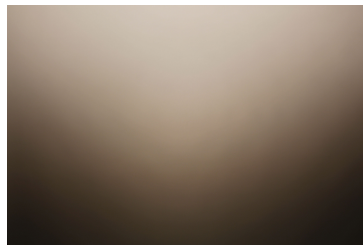
#### SAMSUNG

LED LC010C  
 FWHM / FWTM Asymmetric  
 Efficiency 87 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15848\_HEKLA-SOCKET-G



#### SAMSUNG

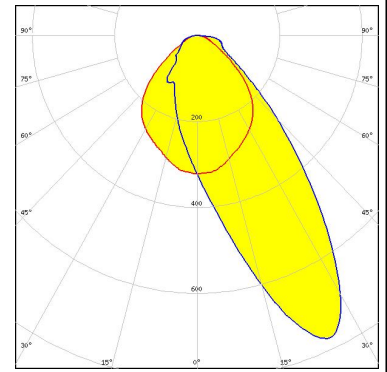
LED LC010C G2  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



### OPTICAL RESULTS (MEASURED):

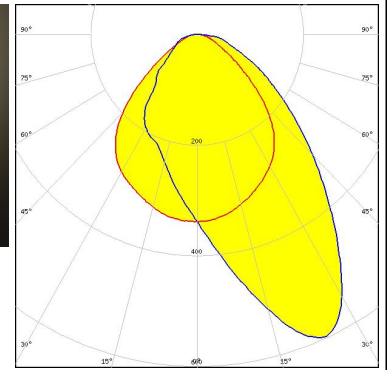
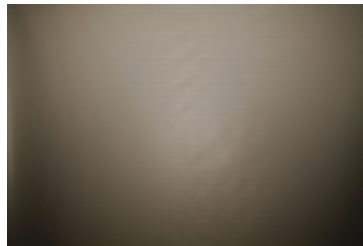
#### SAMSUNG

LED LC010T (Tunable White)  
 FWHM / FWTM Asymmetric  
 Efficiency 86 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 501 Typ L8



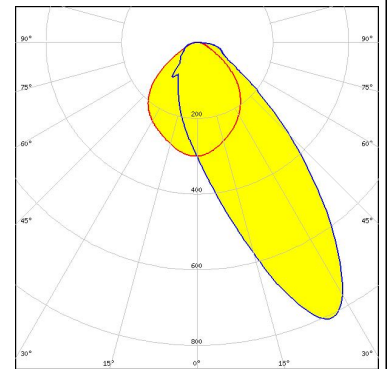
#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 FWHM / FWTM Asymmetric  
 Efficiency 87 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



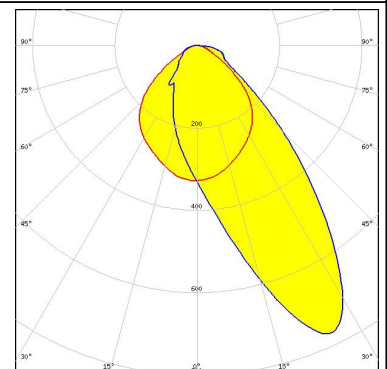
#### SAMSUNG

LED LC020C  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15848\_HEKLA-SOCKET-G



#### SAMSUNG

LED LC020C G2  
 FWHM / FWTM Asymmetric  
 Efficiency 87 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I

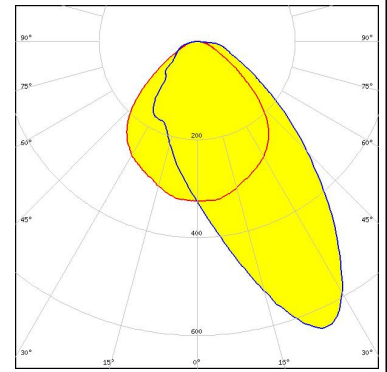




### OPTICAL RESULTS (MEASURED):

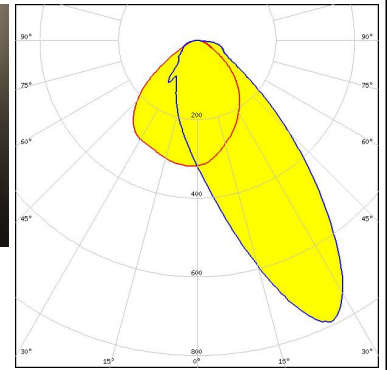
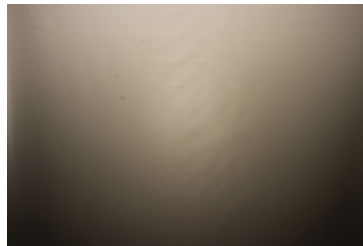
#### SAMSUNG

LED LC020T (Tunable white)  
 FWHM / FWTM Asymmetric  
 Efficiency 86 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 501 Typ L8



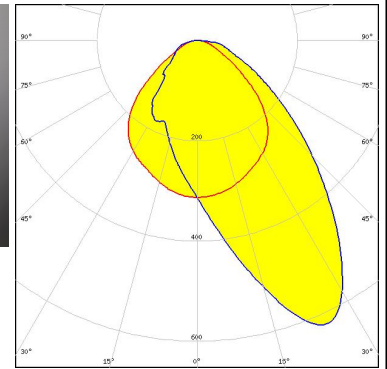
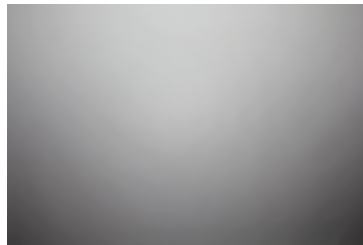
#### TRIDONIC

LED SLE G7 LES09  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



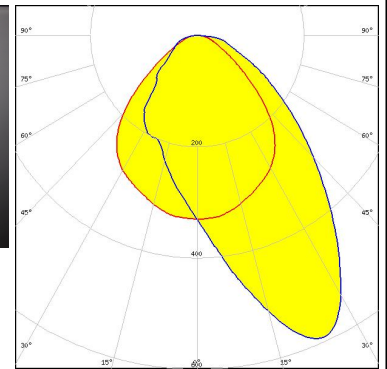
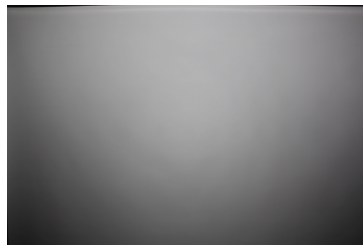
#### TRIDONIC

LED SLE G7 LES13  
 FWHM / FWTM Asymmetric  
 Efficiency 86 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



#### TRIDONIC

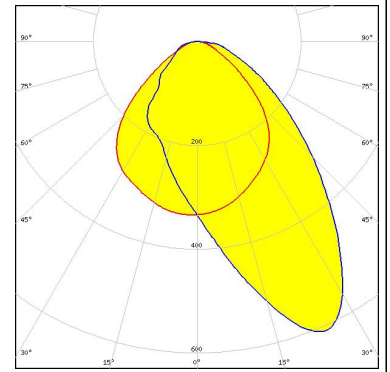
LED SLE G7 LES15  
 FWHM / FWTM Asymmetric  
 Efficiency 86 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



### OPTICAL RESULTS (MEASURED):

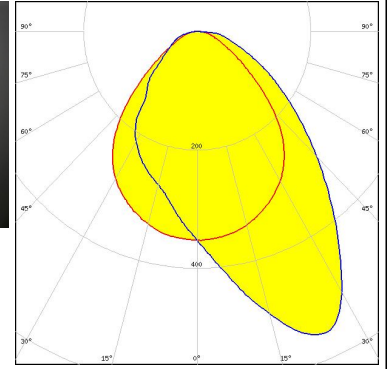
#### XICATO

LED XOB 14.5 mm  
FWHM / FWTM Asymmetric  
Efficiency 87 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15859\_HEKLA-SOCKET-I


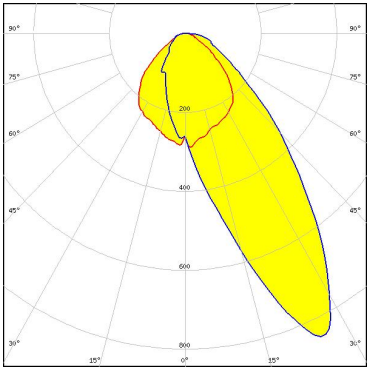

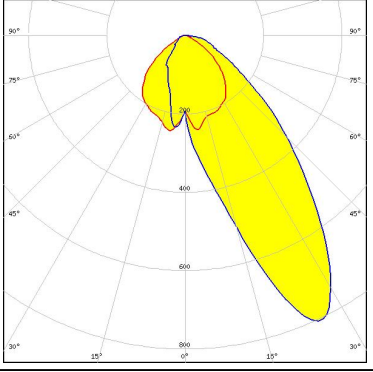

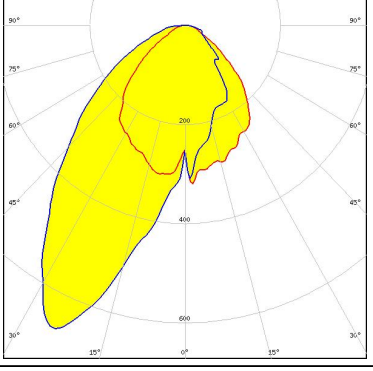

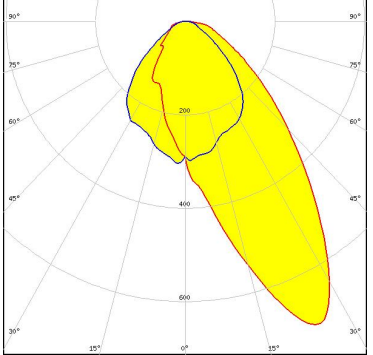


#### XICATO

LED XTM - 19mm LES  
FWHM / FWTM Asymmetric  
Efficiency 83 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16058\_XTM-ADAPTER-50-C



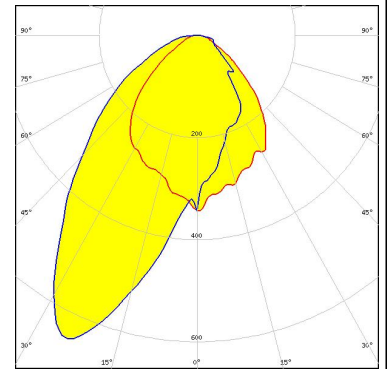
### OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED V10 Gen 8            FWHM / FWTM Asymmetric            Efficiency 87 %            Peak intensity 0.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15255_HEKLA-SOCKET-C</p>	
<p></p> <p>LED V10 Gen7            FWHM / FWTM Asymmetric            Efficiency 0 %            Peak intensity 0.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15255_HEKLA-SOCKET-C</p>	
<p></p> <p>LED V13 Gen7            FWHM / FWTM Asymmetric            Efficiency 86 %            Peak intensity 0.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15859_HEKLA-SOCKET-I</p>	
<p></p> <p>LED VERO13            FWHM / FWTM Asymmetric            Efficiency 83 %            Peak intensity 0.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C16142_HEKLA-SOCKET-K</p>	

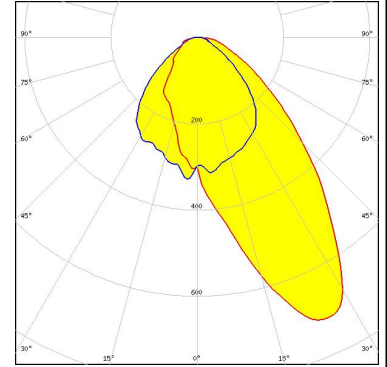
### OPTICAL RESULTS (SIMULATED):



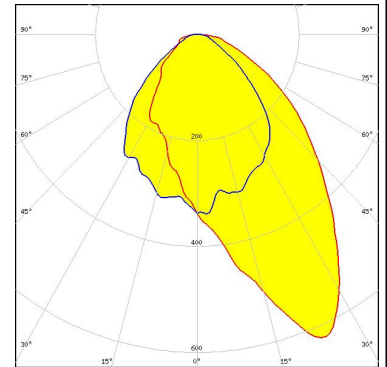
LED CXA/B 1830  
 FWHM / FWTM Asymmetric  
 Efficiency 86 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 457 Typ L8



LED LUXEON CoB L04/L05  
 FWHM / FWTM Asymmetric  
 Efficiency 87 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15254\_HEKLA-SOCKET-B



LED LUXEON CoB L08  
 FWHM / FWTM Asymmetric  
 Efficiency 86 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 457 Typ L8



LED LUXEON CoB M02/M03  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15256\_HEKLA-SOCKET-D

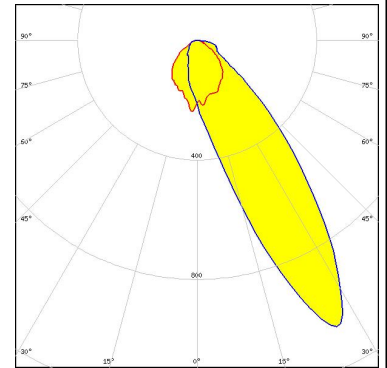
### OPTICAL RESULTS (SIMULATED):

#### LUMILEDS

LED LUXEON CoB S01  
FWHM / FWTM Asymmetric  
Efficiency 90 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15956\_HEKLA-SOCKET-J

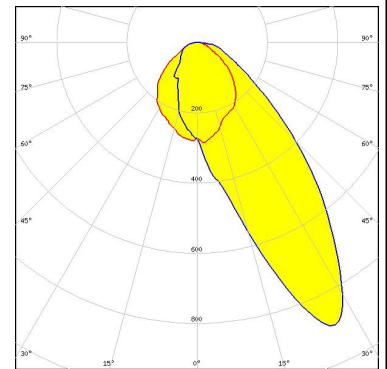
#### NICHIA

LED COB T-Type  
FWHM / FWTM Asymmetric  
Efficiency 83 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15848\_HEKLA-SOCKET-G



#### XICATO

LED XTM - 9mm LES  
FWHM / FWTM Asymmetric  
Efficiency 92 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16058\_XTM-ADAPTER-50-C



### 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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