

### RONDA-WWW-C

~90° wide beam with holder C compatible with LEDiL HEKLA

#### SPECIFICATION:

Dimensions	Ø 53.9 mm
Height	17 mm
Fastening	socket
ROHS compliant	yes ⓘ



#### MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
F15157_RONDA-WWW	Single lens	PMMA	clear		
F15635_RONDA-HLD-C	Holder	PC	white		

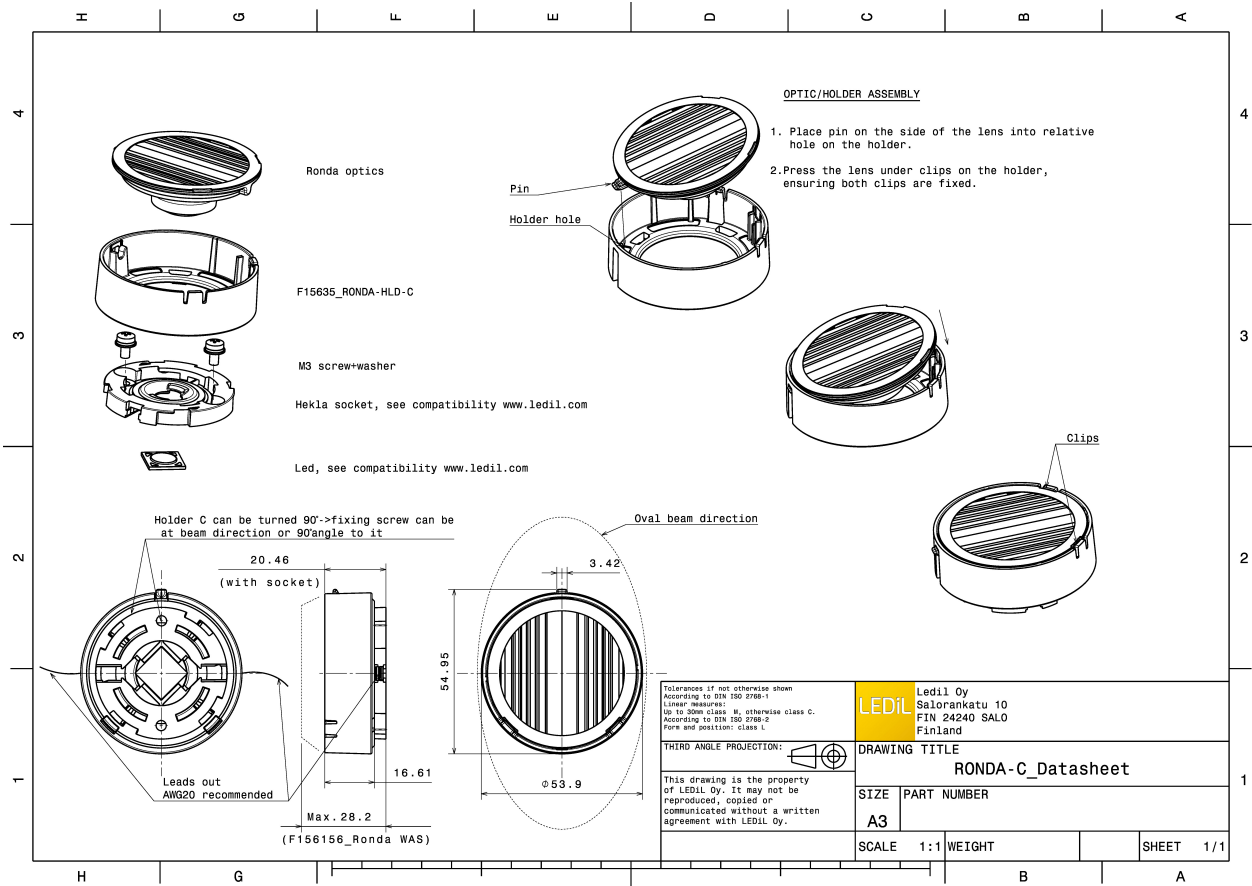
#### ORDERING INFORMATION:

##### Quantities for one set:

Single lens	1
Holder	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
F15157_RONDA-WWW » Box size: 480 x 280 x 300 mm	Single lens	420	120	30	6.3
F15635_RONDA-HLD-C » Box size: 480 x 280 x 300 mm	Holder	420	120	30	4.1



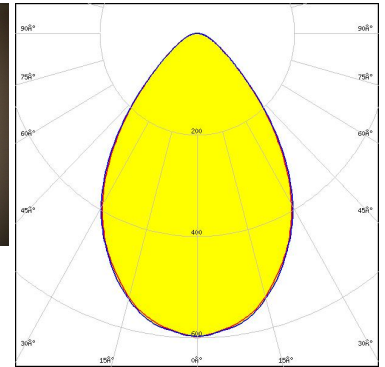
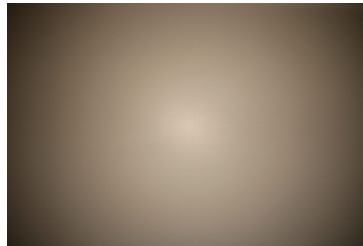


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



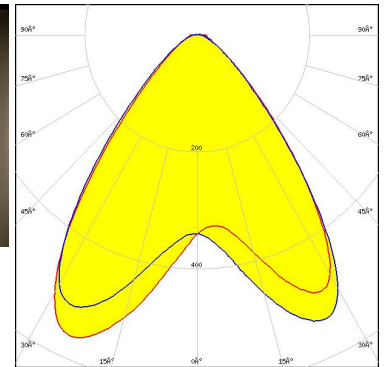
**LED** V11 HD Gen 8  
**FWHM / FWTM** 73.0° / 116.0°  
**Efficiency** 88 %  
**Peak intensity** 0.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 Bender Wirth: 633d Hekla



Light distribution files



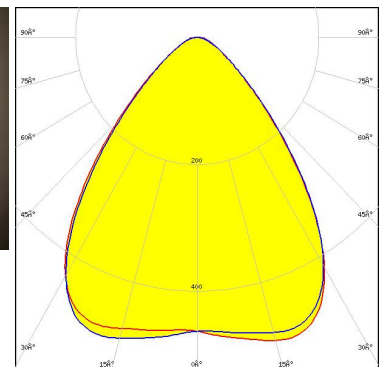
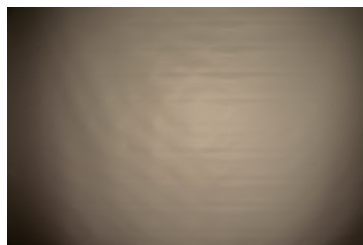
**LED** V6 Gen6  
**FWHM / FWTM** 89.0° / 129.0°  
**Efficiency** 90 %  
**Peak intensity** 0.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15253\_HEKLA-SOCKET-A



Light distribution files



**LED** V9 HD Gen7  
**FWHM / FWTM** 83.0° / 121.0°  
**Efficiency** 87 %  
**Peak intensity** 0.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15859\_HEKLA-SOCKET-I

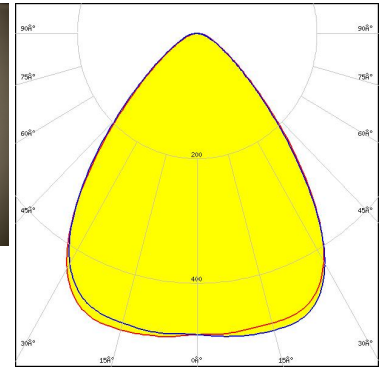
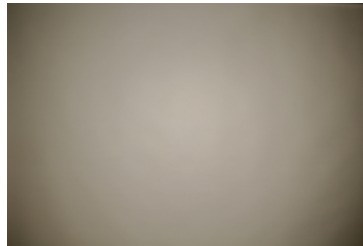


Light distribution files

### OPTICAL RESULTS (MEASURED):



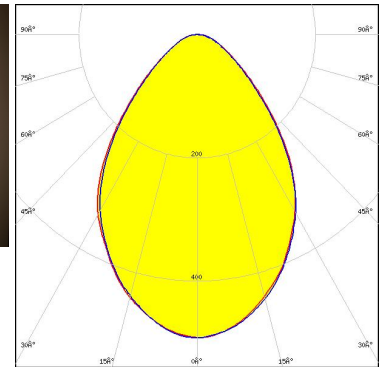
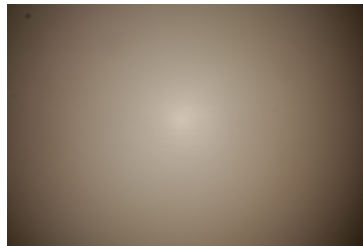
**LED** VERO10  
**FWHM / FWTM** 82.0° / 120.0°  
**Efficiency** 89 %  
**Peak intensity** 0.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15616\_HEKLA-SOCKET-F



Light distribution files



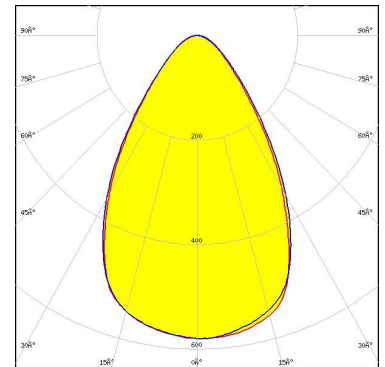
**LED** Vesta DTW 13mm (21W)  
**FWHM / FWTM** 77.0° / 127.0°  
**Efficiency** 81 %  
**Peak intensity** 0.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 491 Typ L8



Light distribution files



**LED** Vesta DTW 15mm (33W)  
**FWHM / FWTM** 67.0° / 112.0°  
**Efficiency** 78 %  
**Peak intensity** 0.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 491 Typ L8

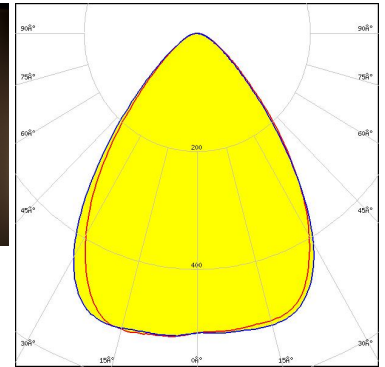
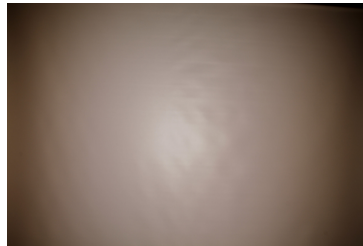


Light distribution files

### OPTICAL RESULTS (MEASURED):



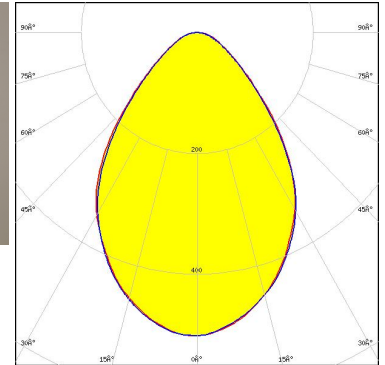
**LED** Vesta DTW 9mm (4W/6W/12W)  
**FWHM / FWTM** 77.0° / 115.0°  
**Efficiency** 85 %  
**Peak intensity** 0.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 490 Typ L8



Light distribution files



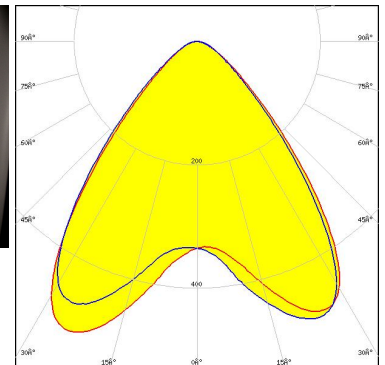
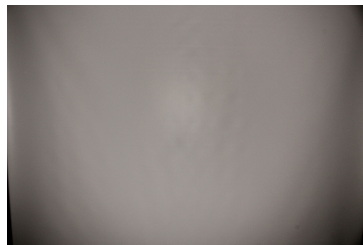
**LED** Vesta TW 13mm (25W) CSP  
**FWHM / FWTM** 77.0° / 126.0°  
**Efficiency** 82 %  
**Peak intensity** 0.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 492 Typ L8



Light distribution files



**LED** Vesta TW 6mm DP  
**FWHM / FWTM** 80.0° / 116.0°  
**Efficiency** 85 %  
**Peak intensity** 0.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 504 Typ L8

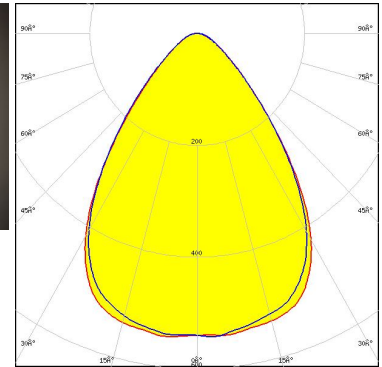
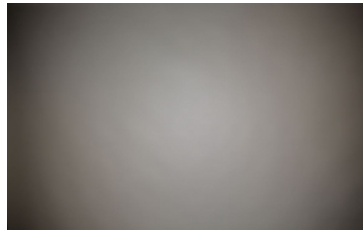


Light distribution files

### OPTICAL RESULTS (MEASURED):



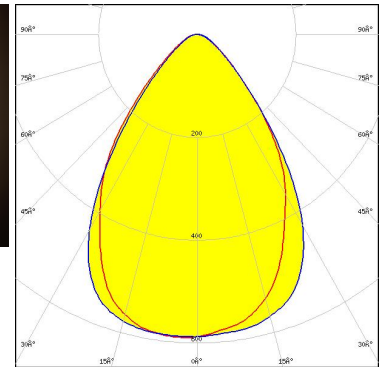
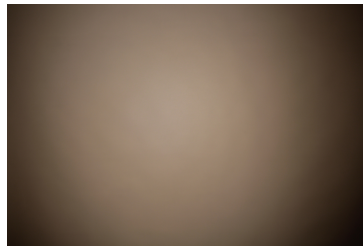
LED Vesta TW 9mm (12W) CSP  
 FWHM / FWTM 75.0° / 115.0°  
 Efficiency 86 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



Light distribution files

### CITIZEN

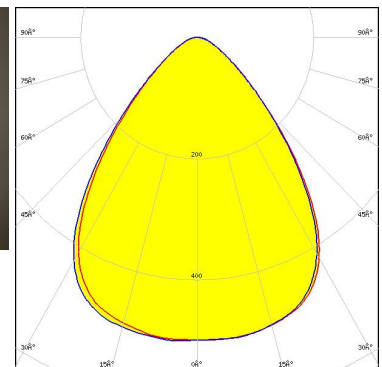
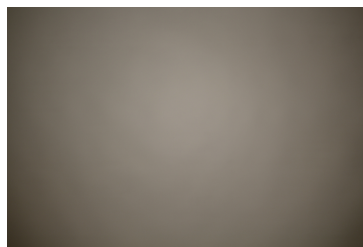
LED CLC020 Series (Dim-To-Warm)  
 FWHM / FWTM 73.0° / 112.0°  
 Efficiency 86 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



Light distribution files

### CITIZEN

LED CLL02x/CLU02x (LES10)  
 FWHM / FWTM 81.0° / 121.0°  
 Efficiency 89 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C

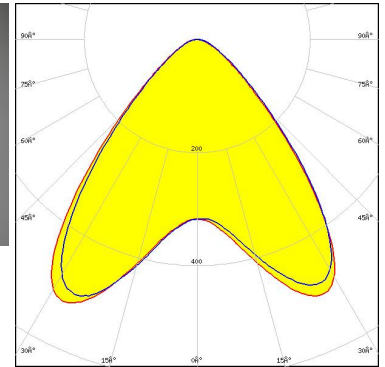
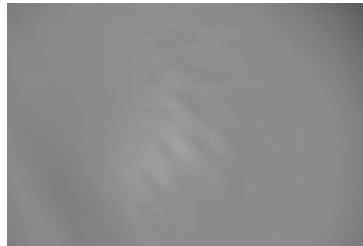


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### CITIZEN

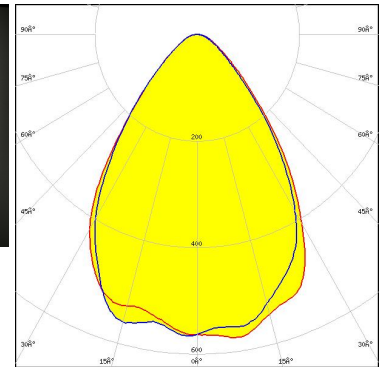
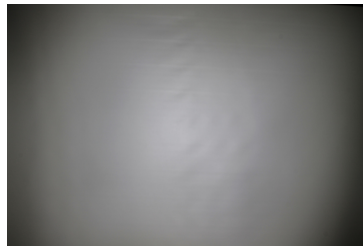
LED CLU700/701/702/703  
 FWHM / FWTM 93.0° / 132.0°  
 Efficiency 89 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



Light distribution files

#### CITIZEN

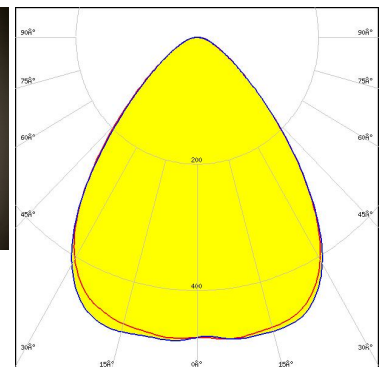
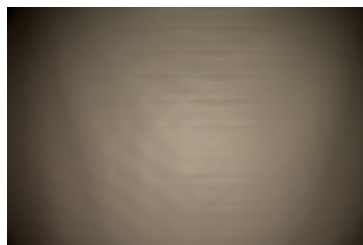
LED LCN-C01B (Tunable White)  
 FWHM / FWTM 74.0° / 114.0°  
 Efficiency 86 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



Light distribution files



LED CMA1516  
 FWHM / FWTM 83.0° / 123.0°  
 Efficiency 89 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15256\_HEKLA-SOCKET-D



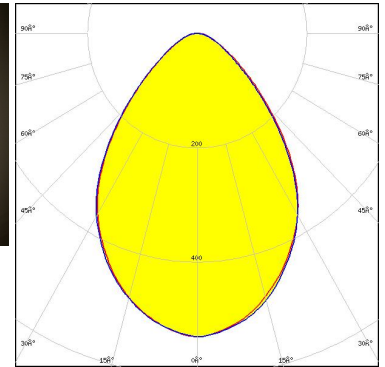
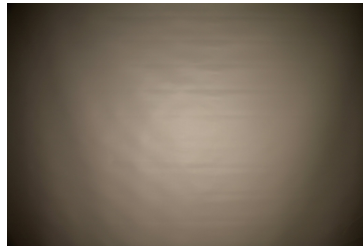
Light distribution files



### OPTICAL RESULTS (MEASURED):



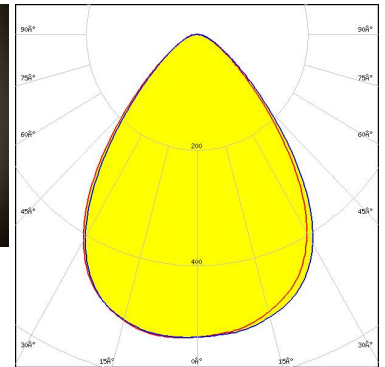
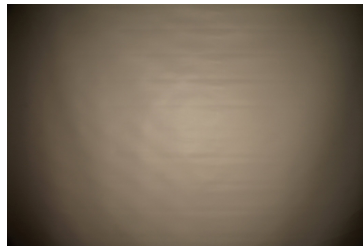
LED CMA1825  
 FWHM / FWTM 77.0° / 124.0°  
 Efficiency 87 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15254\_HEKLA-SOCKET-B



Light distribution files



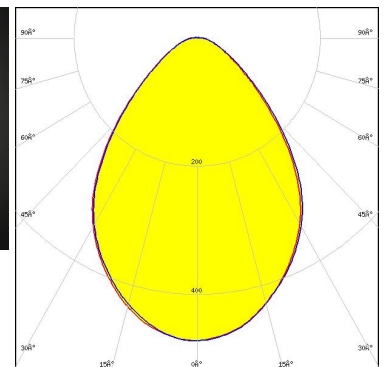
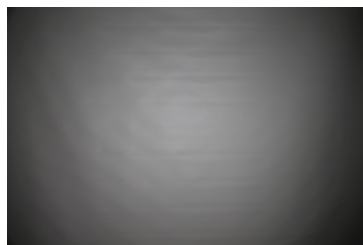
LED CMT14xx  
 FWHM / FWTM 79.0° / 119.0°  
 Efficiency 88 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



Light distribution files



LED CMT19xx  
 FWHM / FWTM 80.0° / 129.0°  
 Efficiency 83 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15859\_HEKLA-SOCKET-I

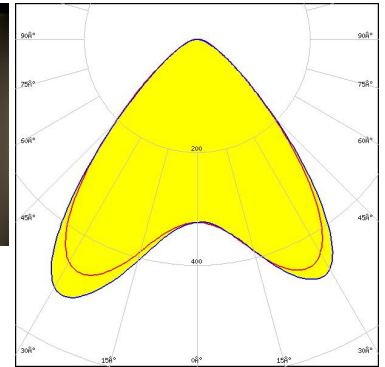


Light distribution files

### OPTICAL RESULTS (MEASURED):



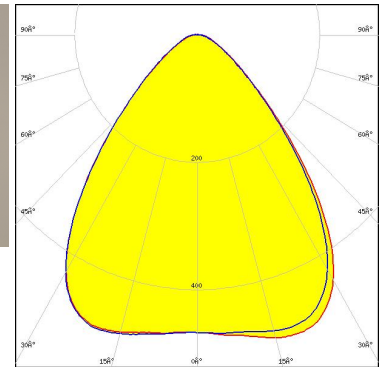
LED CXA/B 13xx  
 FWHM / FWTM 94.0° / 131.0°  
 Efficiency 90 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15956\_HEKLA-SOCKET-J



Light distribution files



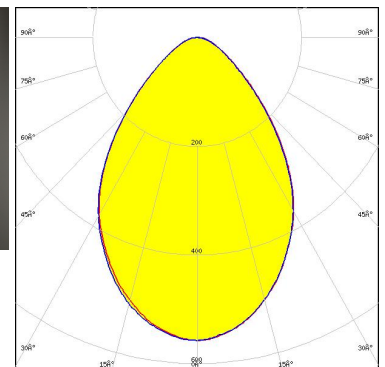
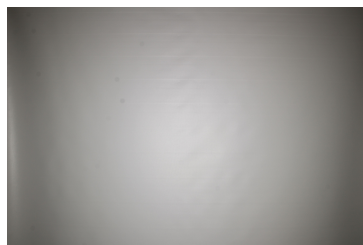
LED CXA/B 15xx  
 FWHM / FWTM 84.0° / 123.0°  
 Efficiency 90 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15256\_HEKLA-SOCKET-D



Light distribution files



LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
 FWHM / FWTM 76.0° / 124.0°  
 Efficiency 89 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15256\_HEKLA-SOCKET-D



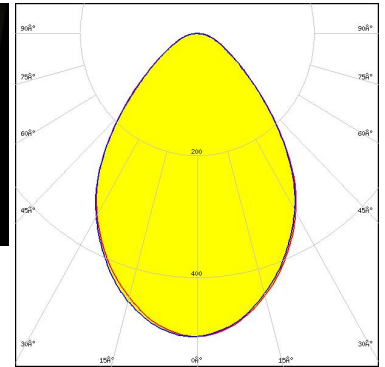
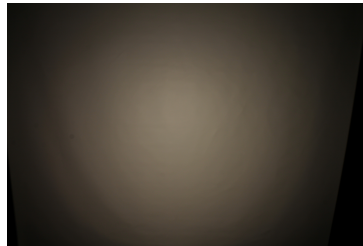
Light distribution files



### OPTICAL RESULTS (MEASURED):



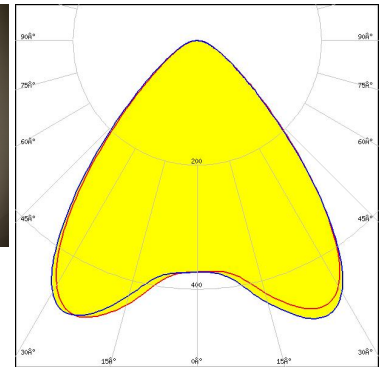
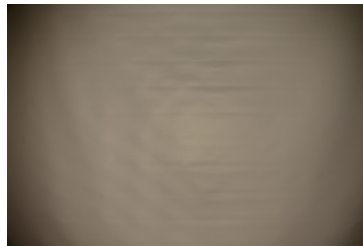
**LED** LUXEON CX Plus CoB L08 (Gen2)  
**FWHM / FWTM** 78.0° / 129.0°  
**Efficiency** 84 %  
**Peak intensity** 0.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 Bender Wirth: 637a Hekla



Light distribution files



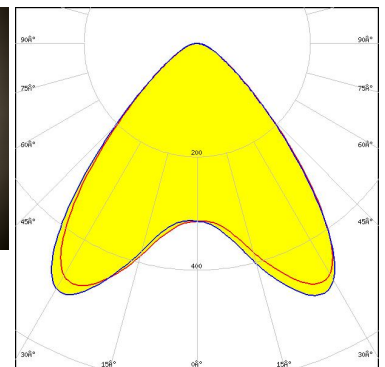
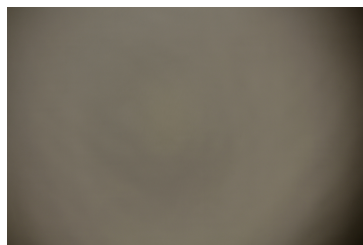
**LED** LUXEON CoB 1202HD  
**FWHM / FWTM** 89.0° / 128.0°  
**Efficiency** 89 %  
**Peak intensity** 0.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15848\_HEKLA-SOCKET-G



Light distribution files



**LED** LUXEON CoB 1202s  
**FWHM / FWTM** 94.0° / 133.0°  
**Efficiency** 90 %  
**Peak intensity** 0.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15848\_HEKLA-SOCKET-G

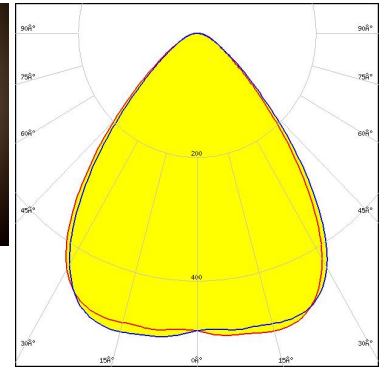
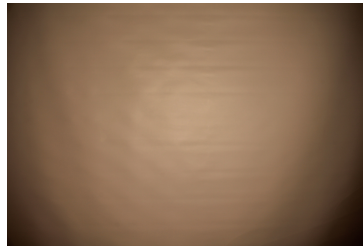


Light distribution files

### OPTICAL RESULTS (MEASURED):



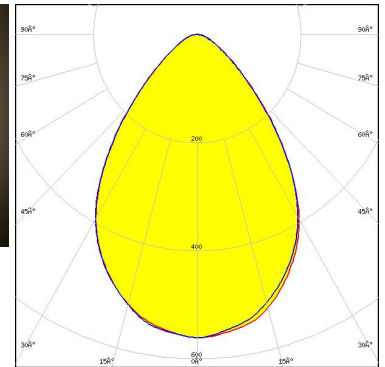
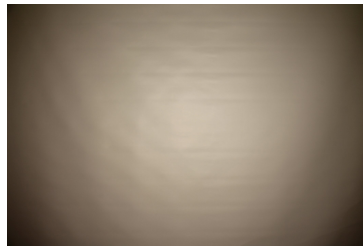
**LED** LUXEON CoB 1204HD  
**FWHM / FWTM** 83.0° / 131.0°  
**Efficiency** 90 %  
**Peak intensity** 0.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15858\_HEKLA-SOCKET-H



Light distribution files



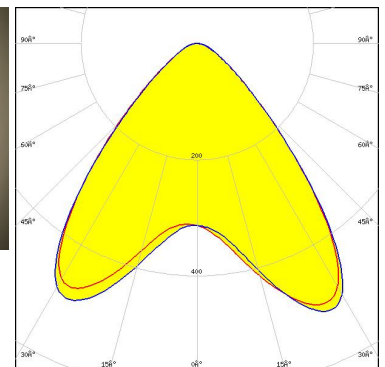
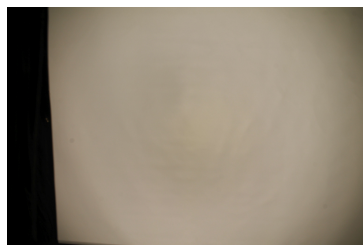
**LED** LUXEON CoB 1205HD  
**FWHM / FWTM** 75.0° / 118.0°  
**Efficiency** 87 %  
**Peak intensity** 0.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15858\_HEKLA-SOCKET-H



Light distribution files



**LED** LUXEON CX Plus CoB - HD S01H4  
**FWHM / FWTM** 83.0° / 118.0°  
**Efficiency** 89 %  
**Peak intensity** 0.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 Bender Wirth: 634c Hekla

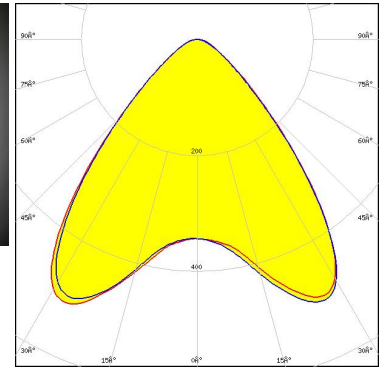


Light distribution files

### OPTICAL RESULTS (MEASURED):



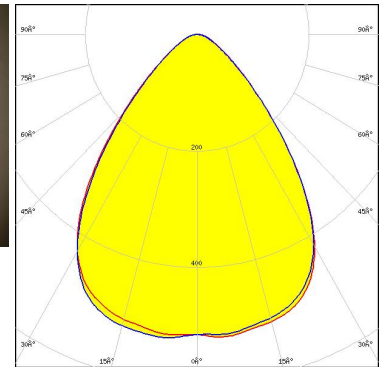
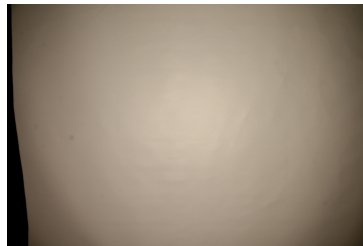
LED LUXEON CX Plus CoB - HD S02H6  
FWHM / FWTM 83.0° / 118.0°  
Efficiency 89 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
Bender Wirth: 634c Hekla



Light distribution files



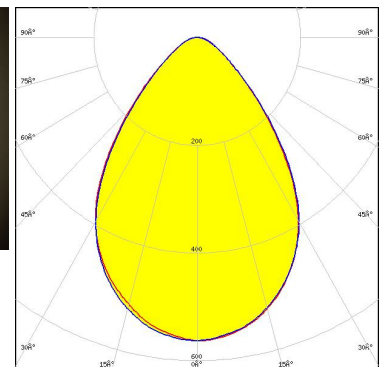
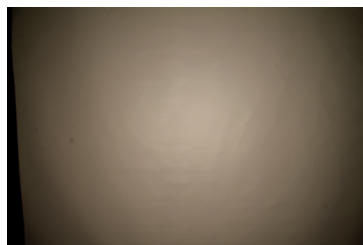
LED LUXEON CX Plus CoB - HD S04H9  
FWHM / FWTM 80.0° / 118.0°  
Efficiency 89 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
Bender Wirth: 634c Hekla



Light distribution files



LED LUXEON CX Plus CoB L04 / L05 (Gen2)  
FWHM / FWTM 76.0° / 118.0°  
Efficiency 88 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
Bender Wirth: 637a Hekla

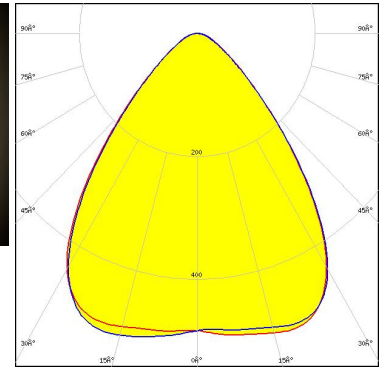
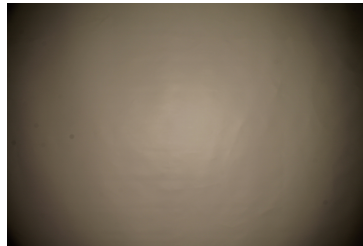


Light distribution files

### OPTICAL RESULTS (MEASURED):



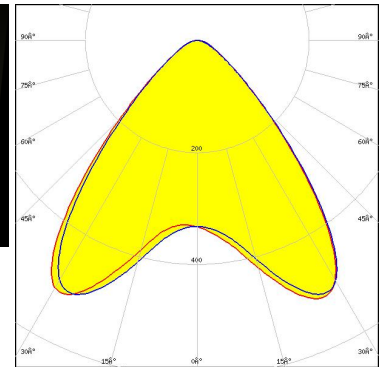
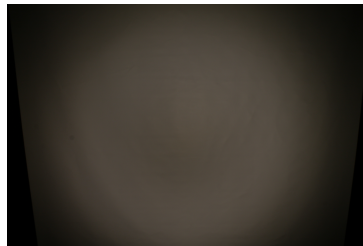
LED LUXEON CX Plus CoB M02 / M03 (Gen2)  
 FWHM / FWTM 80.0° / 118.0°  
 Efficiency 89 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 Bender Wirth: 641a Hekla



Light distribution files



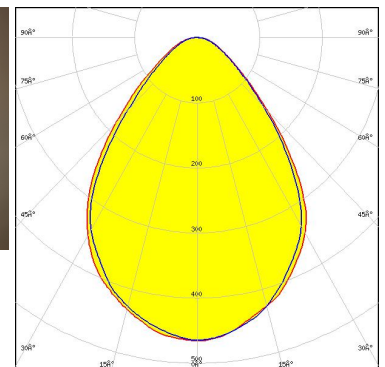
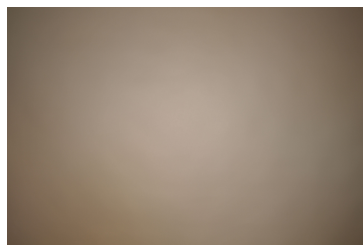
LED LUXEON CX Plus CoB S01 (Gen2)  
 FWHM / FWTM 83.0° / 117.0°  
 Efficiency 90 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 Bender Wirth: 634c Hekla



Light distribution files



LED CDM-14 (Dim-To-Warm)  
 FWHM / FWTM 81.0° / 128.0°  
 Efficiency 80 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 491 Typ L8

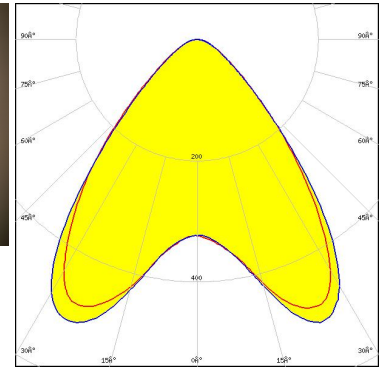
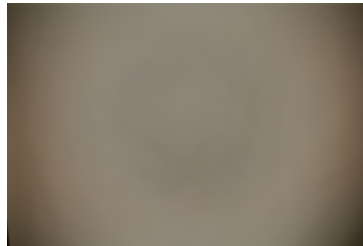


Light distribution files

### OPTICAL RESULTS (MEASURED):



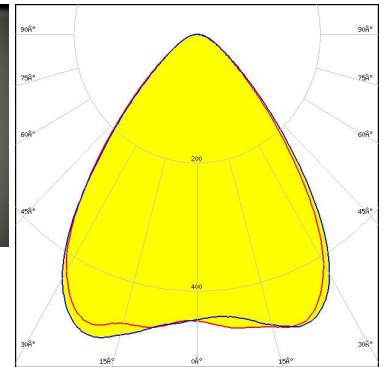
LED CDM-6 (Dim-To-Warm)  
 FWHM / FWTM 90.0° / 131.0°  
 Efficiency 87 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 490 Typ L8



Light distribution files



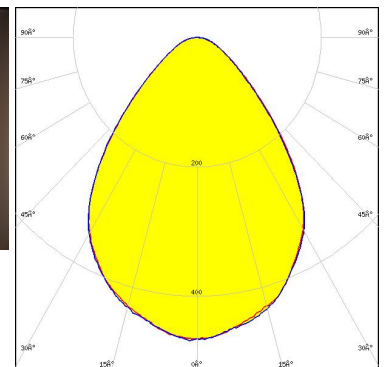
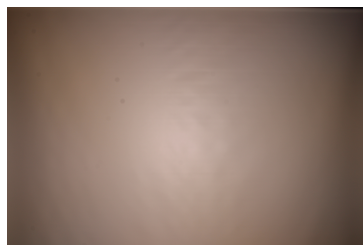
LED CDM-9 (Dim-To-Warm)  
 FWHM / FWTM 82.0° / 121.0°  
 Efficiency 86 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 490 Typ L8



Light distribution files



LED CTM-14 (Tunable White)  
 FWHM / FWTM 79.0° / 126.0°  
 Efficiency 81 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 442 Typ L8



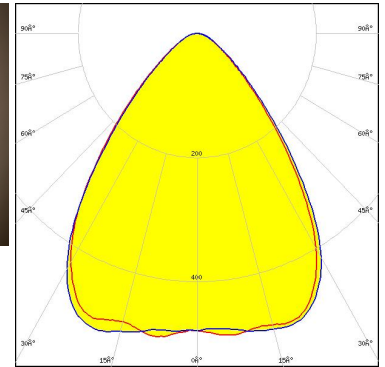
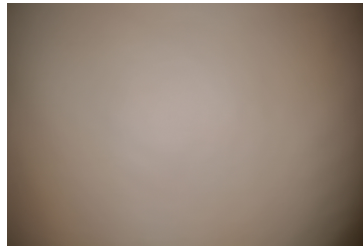
Light distribution files



### OPTICAL RESULTS (MEASURED):



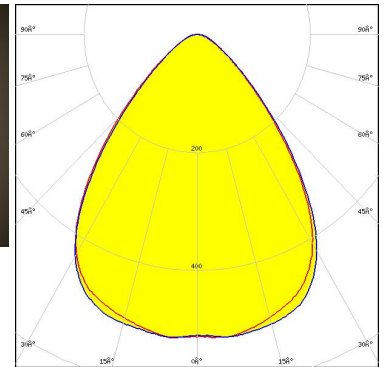
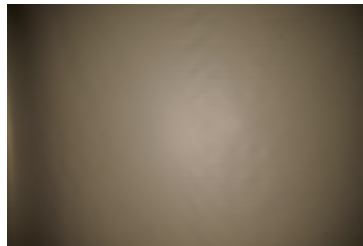
LED CTM-9 (Tunable White)  
 FWHM / FWTM 79.0° / 118.0°  
 Efficiency 86 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



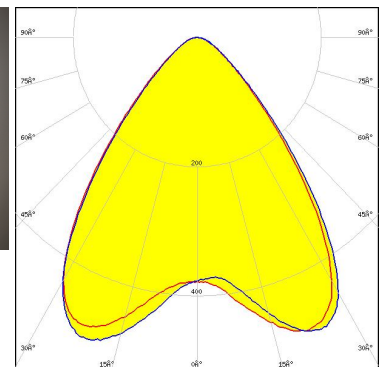
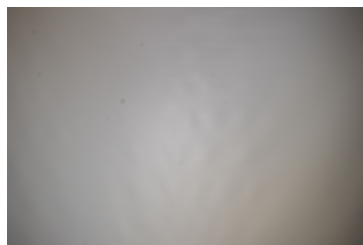
LED CxM-9 (13.5x13.5)  
 FWHM / FWTM 80.0° / 119.0°  
 Efficiency 89 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



Light distribution files



LED NJCWL024Z-V1MT: COB L-Type Tunable White  
 FWHM / FWTM 85.0° / 122.0°  
 Efficiency 83 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 497 Typ L8

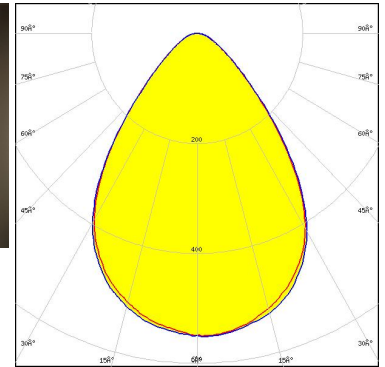


Light distribution files

### OPTICAL RESULTS (MEASURED):



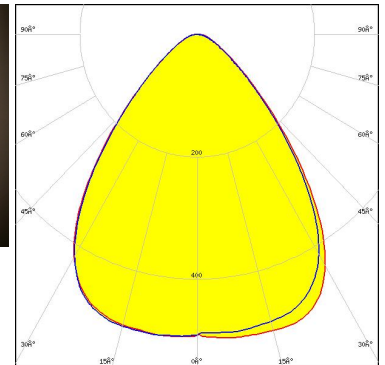
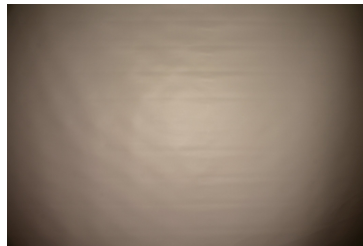
LED NVCWJ024Z-V1MT: COB J-Type Tunable White  
 FWHM / FWTM 76.0° / 117.0°  
 Efficiency 86 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 498 Typ L8



Light distribution files



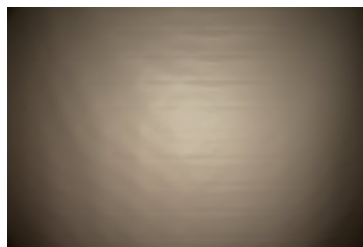
LED Fortimo SLM L09 CoB  
 FWHM / FWTM 81.0° / 120.0°  
 Efficiency 88 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15858\_HEKLA-SOCKET-H



Light distribution files



LED Fortimo SLM L13 CoB  
 FWHM / FWTM 77.0° / 127.0°  
 Efficiency 82 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 432 Typ L8

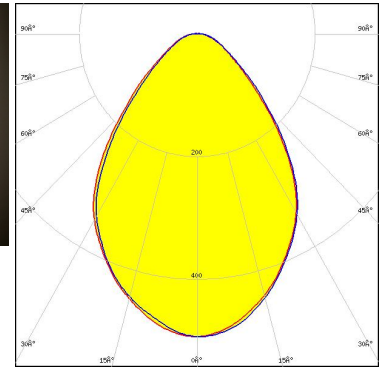


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### PHILIPS

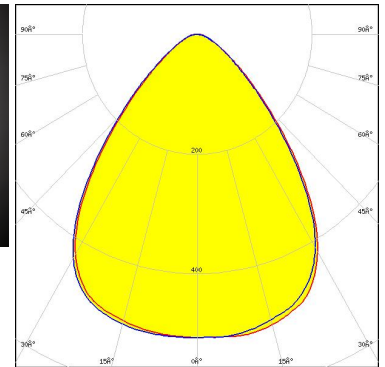
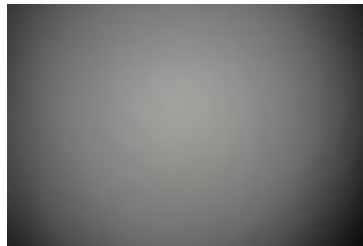
LED Fortimo SLM L13 CoB  
FWHM / FWTM 77.0° / 127.0°  
Efficiency 82 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 432 Typ L8



Light distribution files

#### SAMSUNG

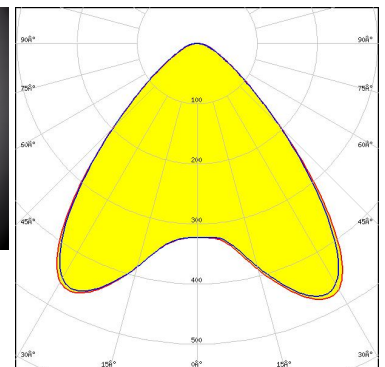
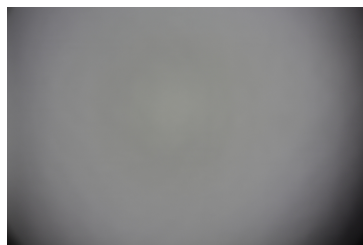
LED LC003D / LC006D / LC009D / LC013D  
FWHM / FWTM 81.0° / 121.0°  
Efficiency 90 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C



Light distribution files

#### SAMSUNG

LED LC010C  
FWHM / FWTM 94.0° / 133.0°  
Efficiency 89 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15848\_HEKLA-SOCKET-G



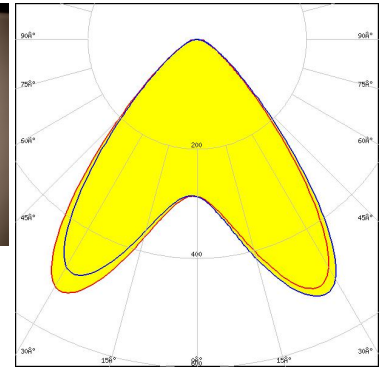
Light distribution files



### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

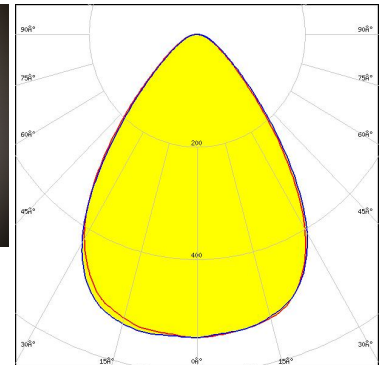
LED LC010C G2  
FWHM / FWTM 94.0° / 133.0°  
Efficiency 89 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C



Light distribution files

#### SAMSUNG

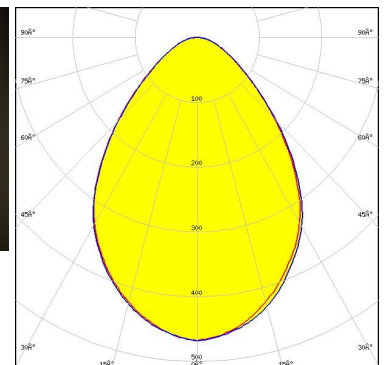
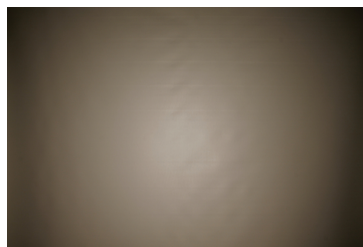
LED LC010T (Tunable White)  
FWHM / FWTM 76.0° / 117.0°  
Efficiency 86 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 501 Typ L8



Light distribution files

#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
FWHM / FWTM 80.0° / 131.0°  
Efficiency 82 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I

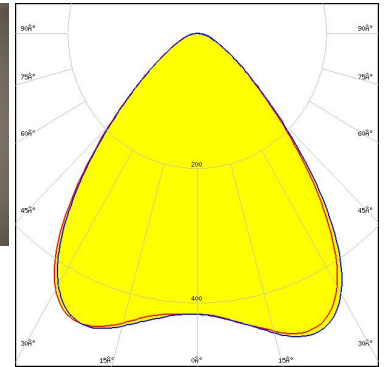
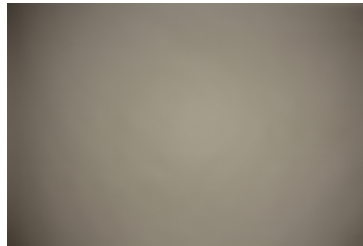


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

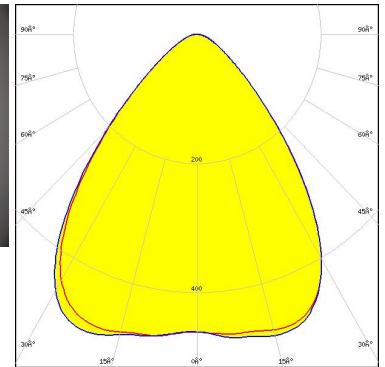
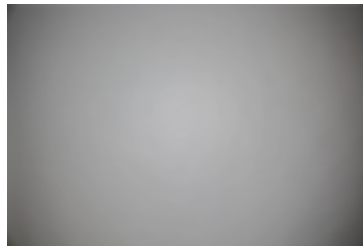
LED LC020C  
FWHM / FWTM 87.0° / 127.0°  
Efficiency 90 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15848\_HEKLA-SOCKET-G



Light distribution files

#### SAMSUNG

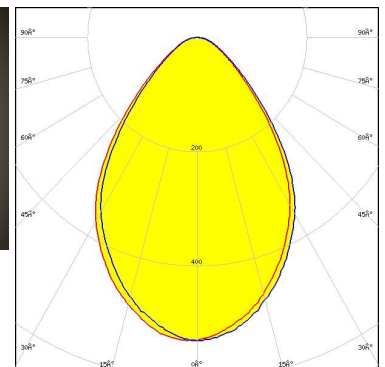
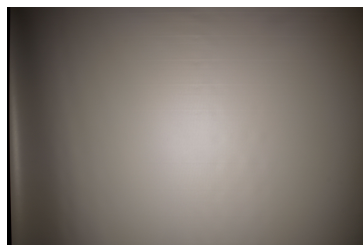
LED LC020C G2  
FWHM / FWTM 82.0° / 120.0°  
Efficiency 88 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I



Light distribution files



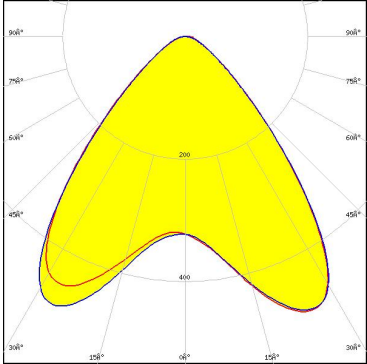
#### SAMSUNG

LED LC020T (Tunable white)  
FWHM / FWTM 75.0° / 122.0°  
Efficiency 83 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 501 Typ L8



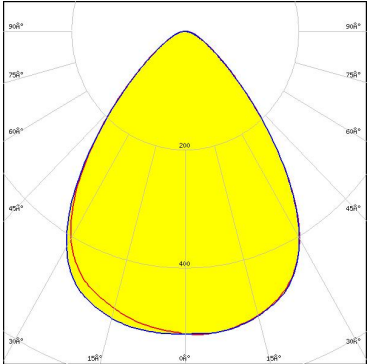


Light distribution files


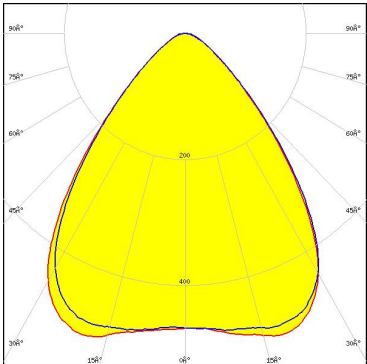
### OPTICAL RESULTS (MEASURED):

 <p>SEUL SEMICONDUCTOR</p>			
LED	MJT COB LES 6		
FWHM / FWTM	91.0° / 129.0°		
Efficiency	86 %		
Peak intensity	0.5 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required components:			
F15255_HEKLA-SOCKET-C			

Light distribution files

 <p>SEUL SEMICONDUCTOR</p>			
LED	MJT COB LES 9.8		
FWHM / FWTM	79.0° / 118.0°		
Efficiency	86 %		
Peak intensity	0.5 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required components:			
F15255_HEKLA-SOCKET-C			

Light distribution files

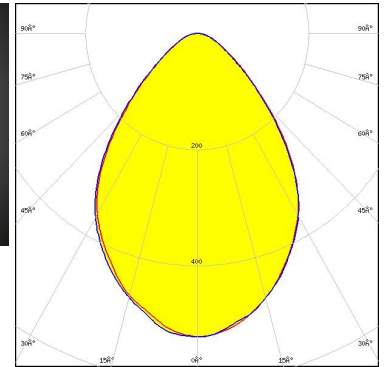
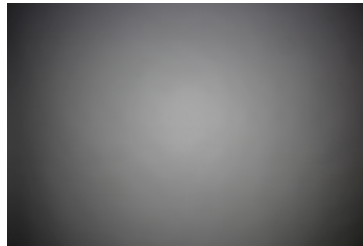
<h2>TRIDONIC</h2>			
LED	SLE G7 LES09		
FWHM / FWTM	83.0° / 120.0°		
Efficiency	89 %		
Peak intensity	0.5 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required components:			
F15255_HEKLA-SOCKET-C			

Light distribution files

### OPTICAL RESULTS (MEASURED):

#### TRIDONIC

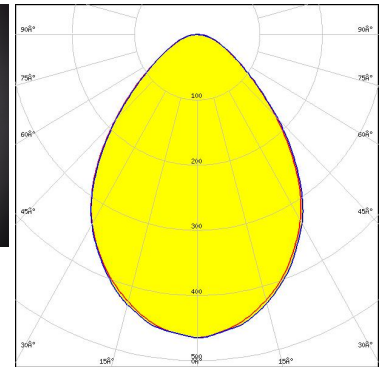
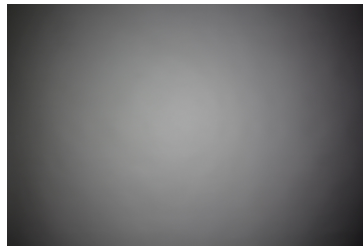
LED SLE G7 LES13  
FWHM / FWTM 78.0° / 124.0°  
Efficiency 85 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I



Light distribution files

#### TRIDONIC

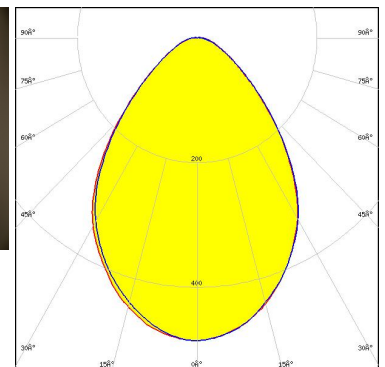
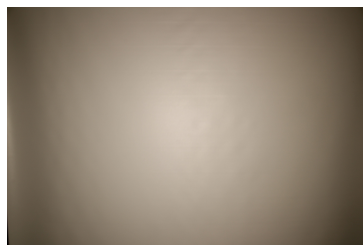
LED SLE G7 LES15  
FWHM / FWTM 81.0° / 132.0°  
Efficiency 83 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I



Light distribution files

#### XICATO

LED XOB 14.5 mm  
FWHM / FWTM 78.0° / 128.0°  
Efficiency 83 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I

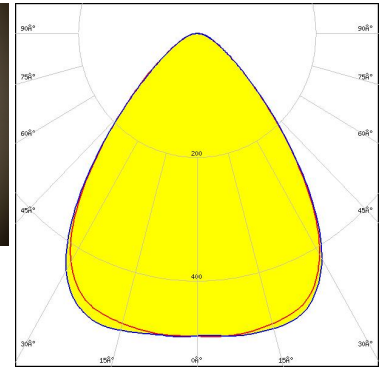


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### XICATO

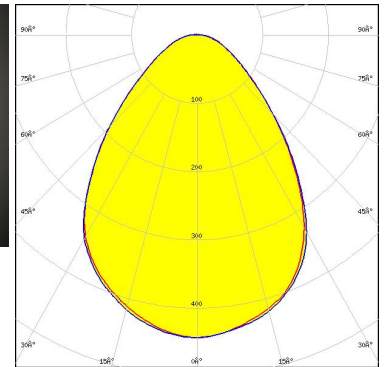
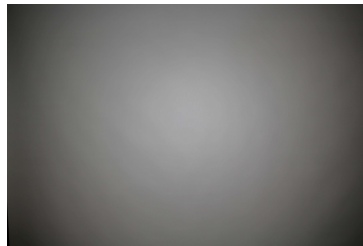
LED XOB 9.8 mm  
FWHM / FWTM 81.0° / 121.0 + 120.5°  
Efficiency 89 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C



Light distribution files

#### XICATO

LED XTM - 19mm LES  
FWHM / FWTM 81.0° / 137.0°  
Efficiency 83 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16058\_XTM-ADAPTER-50-C

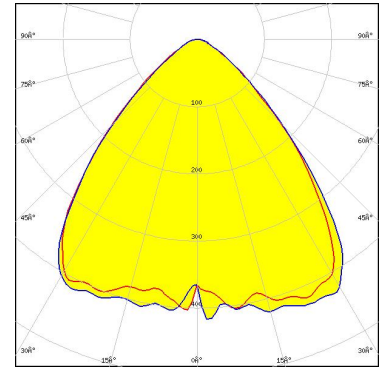


Light distribution files

### OPTICAL RESULTS (SIMULATED):



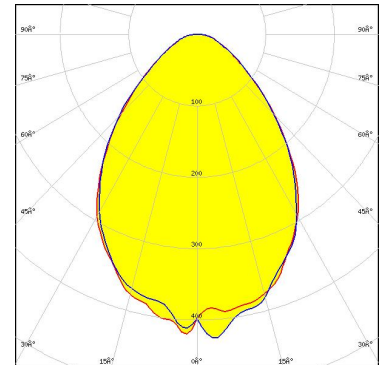
**LED** V9 HD Gen 8  
**FWHM / FWTM** 86.0° / 119.0°  
**Efficiency** 80 %  
**Peak intensity** 0.4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F19860\_HEKLA-G2B-I3



Light distribution files



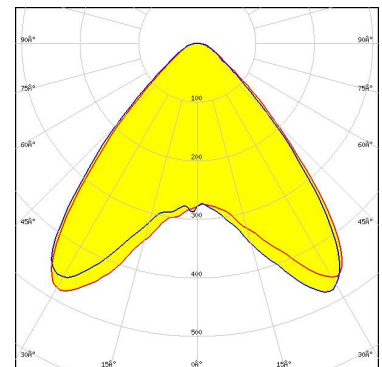
**LED** MJT COB LES 14.5  
**FWHM / FWTM** 79.0° / 133.0°  
**Efficiency** 73 %  
**Peak intensity** 0.4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17438\_HEKLA-G2-I



Light distribution files



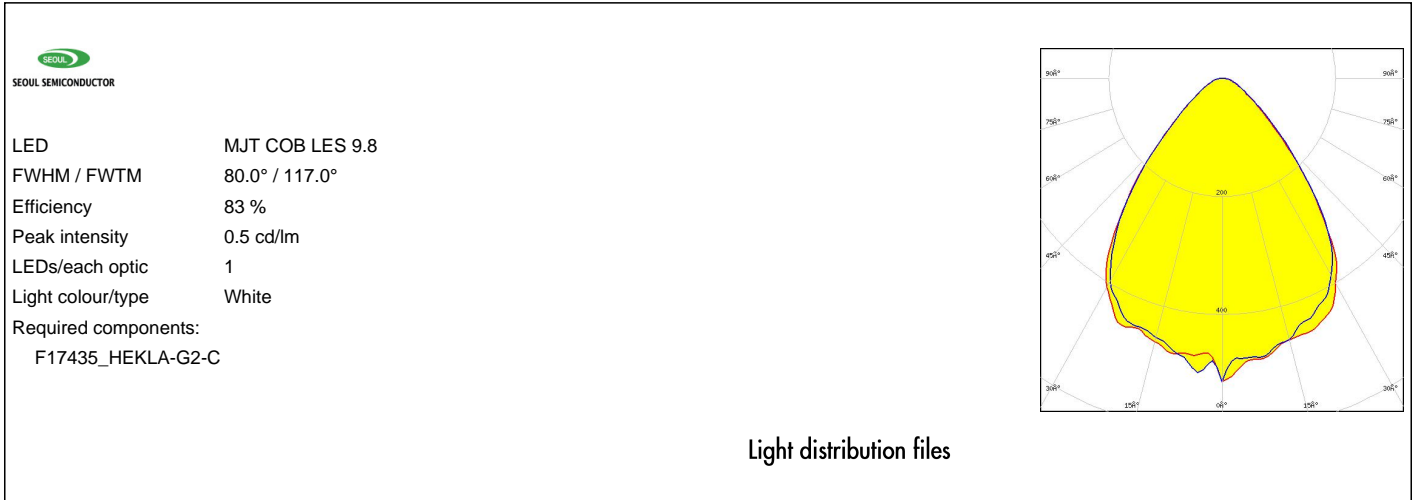
**LED** MJT COB LES 6  
**FWHM / FWTM** 85.0° / 116.0°  
**Efficiency** 84 %  
**Peak intensity** 0.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17435\_HEKLA-G2-C



Light distribution files



### OPTICAL RESULTS (SIMULATED):



### 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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The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

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Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Poznan, Poland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)