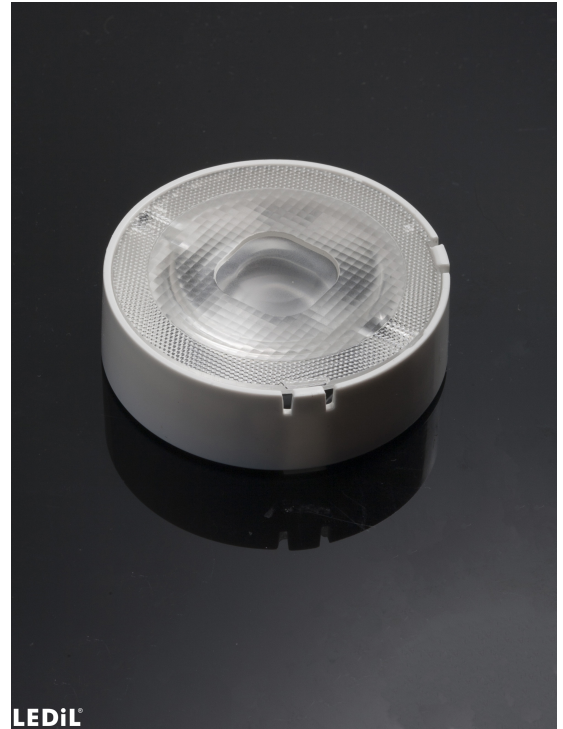


### RONDA-REC-60-C

~60° + 60° rectangular beam with holder C compatible with LEDiL HEKLA

#### SPECIFICATION:

Dimensions	Ø 53.9 mm
Height	16.6 mm
Fastening	socket
ROHS compliant	yes ⓘ



#### MATERIALS:

Component	Type	Material	Colour	Finish	Length
F15556_RONDA-REC-60	Single lens	PMMA	clear		49.9
F15635_RONDA-HLD-C	Holder	PC	white		53.9

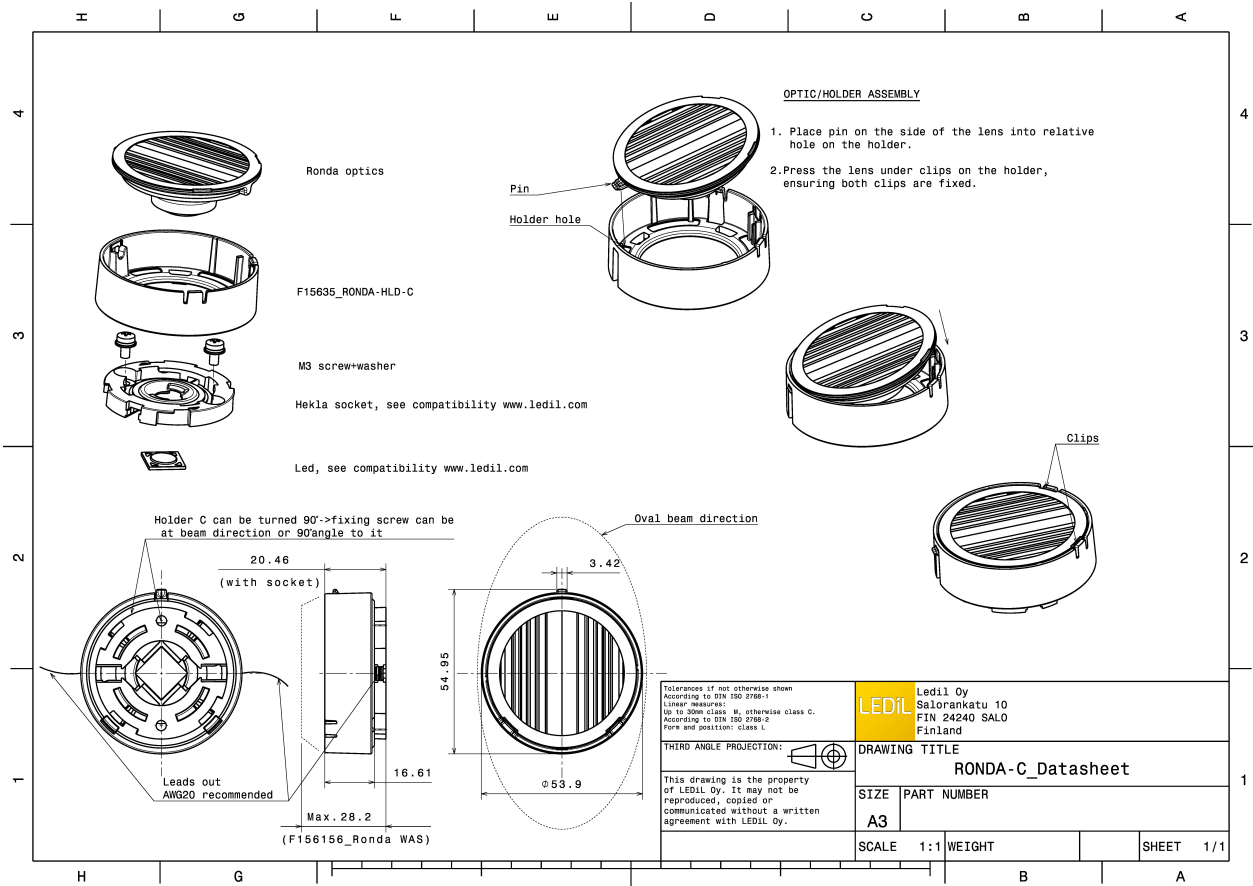
#### ORDERING INFORMATION:

##### Quantities for one set:

Single lens	1
Holder	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
F15556_RONDA-REC-60	Single lens	420	120	30	6.7
» 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					



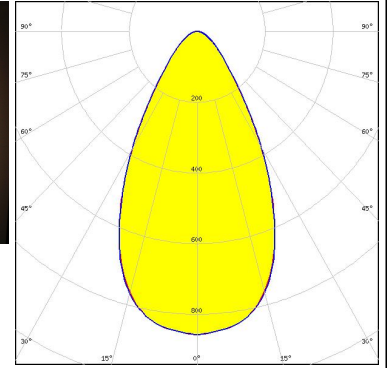


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

bridgelux

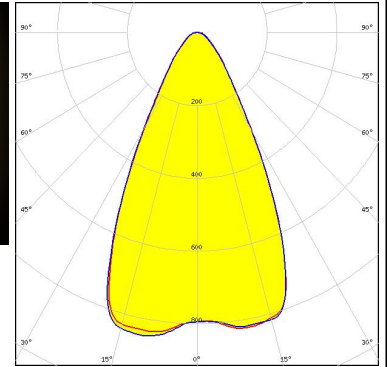
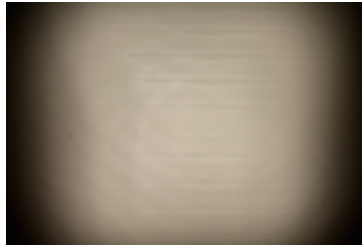
LED V11 HD Gen 8  
 FWHM / FWTM 57.0° / 99.0°  
 Efficiency 89 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 Bender Wirth: 633d Hekla



Light distribution files

bridgelux

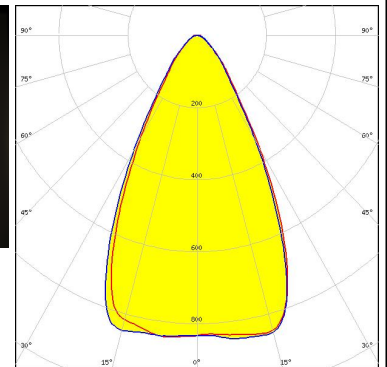
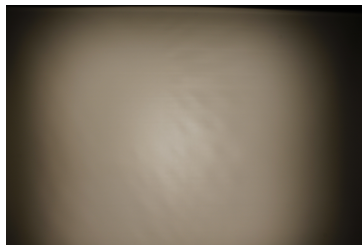
LED V4 HD Gen 7  
 FWHM / FWTM 54.7 + 54.4° / 92.0 + 91.8°  
 Efficiency 92 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15253\_HEKLA-SOCKET-A



Light distribution files

bridgelux

LED V6 Gen6  
 FWHM / FWTM 56.0 + 57.0° / 92.0 + 93.0°  
 Efficiency 92 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15253\_HEKLA-SOCKET-A

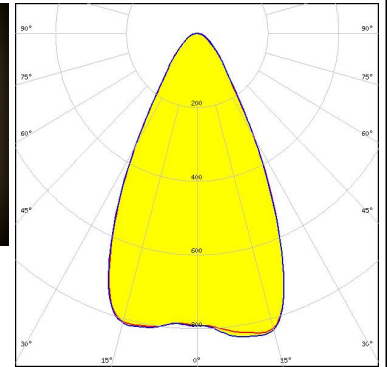


Light distribution files

### OPTICAL RESULTS (MEASURED):



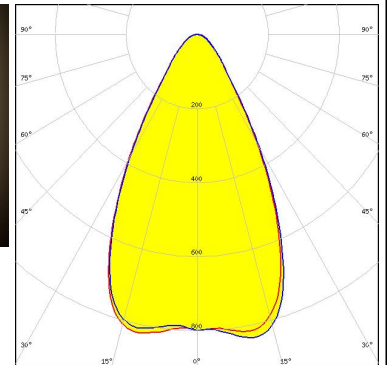
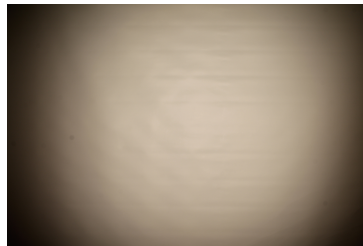
**LED** V6 HD Gen 7  
**FWHM / FWTM** 56.4 + 56.5° / 95.4 + 95.6°  
**Efficiency** 91 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15255\_HEKLA-SOCKET-C



Light distribution files



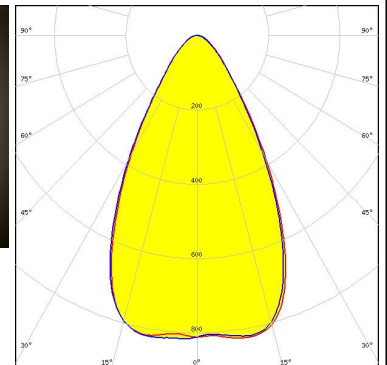
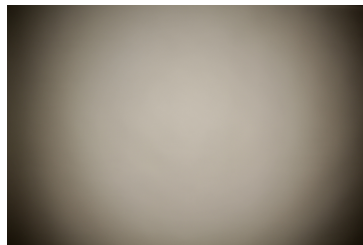
**LED** V9 HD Gen7  
**FWHM / FWTM** 57.7 + 56.8° / 96.3 + 94.5°  
**Efficiency** 89 %  
**Peak intensity** 0.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



**LED** VERO10  
**FWHM / FWTM** 59.0° / 98.0°  
**Efficiency** 90 %  
**Peak intensity** 0.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15616\_HEKLA-SOCKET-F

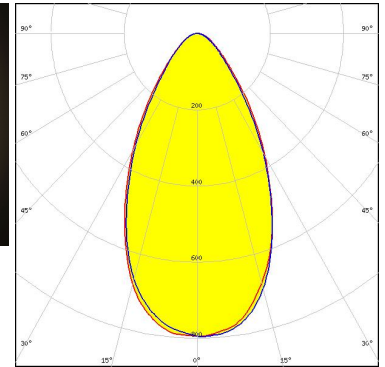
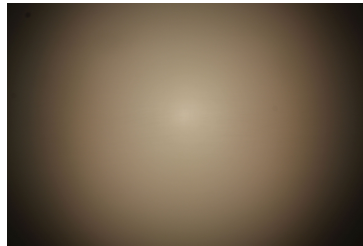


Light distribution files

### OPTICAL RESULTS (MEASURED):



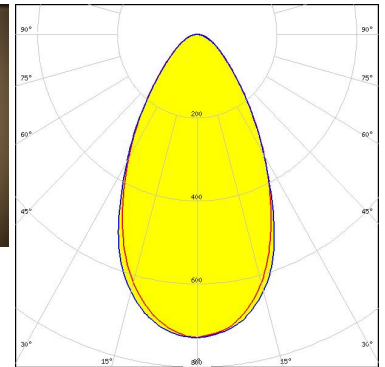
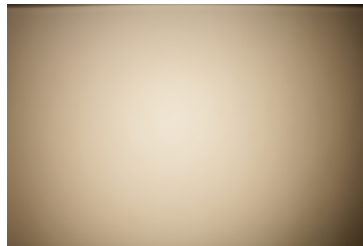
**LED** Vesta DTW 13mm (21W)  
**FWHM / FWTM** 56.0° / 102.0°  
**Efficiency** 84 %  
**Peak intensity** 0.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 491 Typ L8



Light distribution files



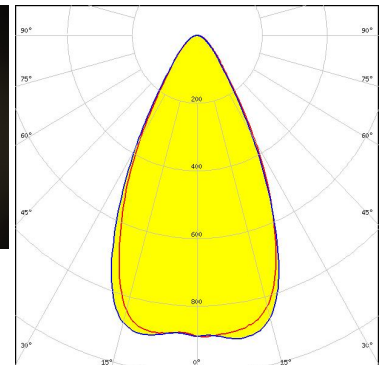
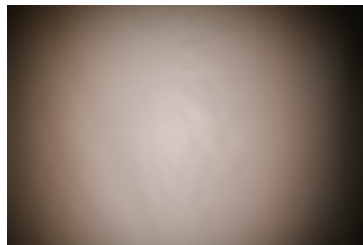
**LED** Vesta DTW 15mm (33W)  
**FWHM / FWTM** 58.0° / 109.0°  
**Efficiency** 84 %  
**Peak intensity** 0.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 491 Typ L8



Light distribution files



**LED** Vesta DTW 9mm (4W/6W/12W)  
**FWHM / FWTM** 55.0° / 90.0°  
**Efficiency** 87 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 490 Typ L8

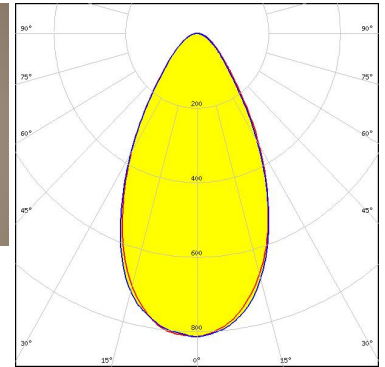


Light distribution files

### OPTICAL RESULTS (MEASURED):



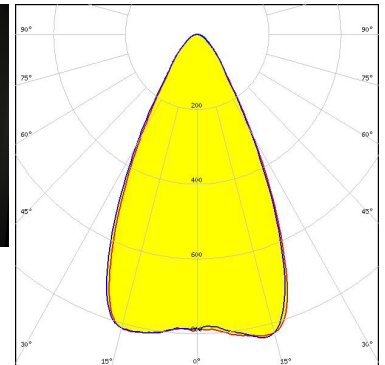
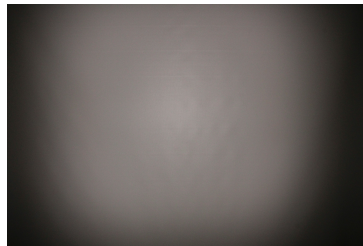
**LED** Vesta TW 13mm (25W) CSP  
**FWHM / FWTM** 56.0° / 102.0°  
**Efficiency** 85 %  
**Peak intensity** 0.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 492 Typ L8



Light distribution files



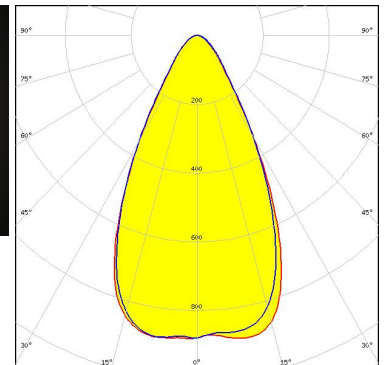
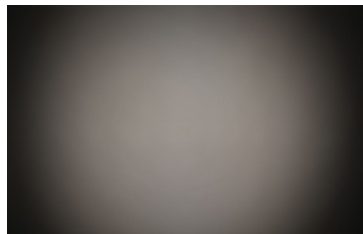
**LED** Vesta TW 6mm DP  
**FWHM / FWTM** 55.0° / 90.0°  
**Efficiency** 85 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 504 Typ L8



Light distribution files



**LED** Vesta TW 9mm (12W) CSP  
**FWHM / FWTM** 55.0° / 90.0 + 92.0°  
**Efficiency** 87 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K



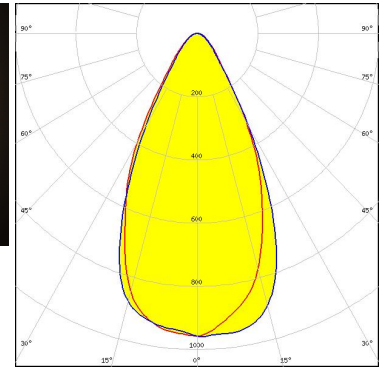
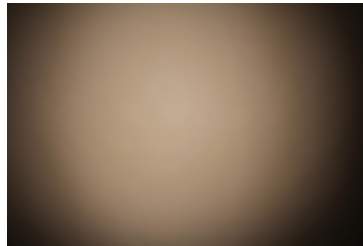
Light distribution files



### OPTICAL RESULTS (MEASURED):

#### CITIZEN

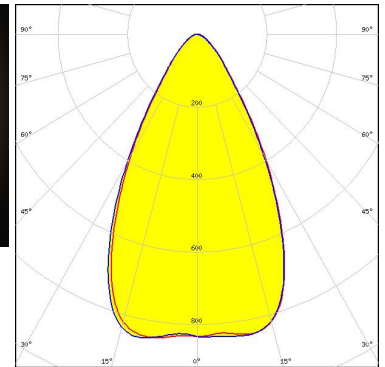
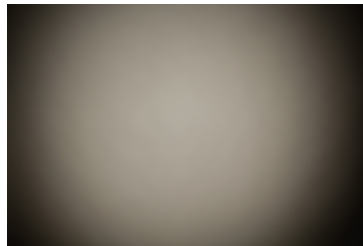
LED CLC020 Series (Dim-To-Warm)  
 FWHM / FWTM 53.0° / 89.0 + 85.0°  
 Efficiency 86 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



Light distribution files

#### CITIZEN

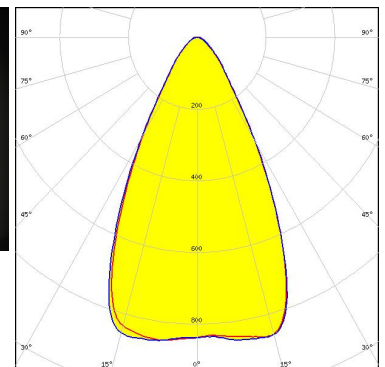
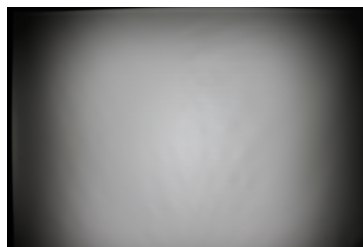
LED CLL02x/CLU02x (LES10)  
 FWHM / FWTM 58.0° / 95.0 + 94.0°  
 Efficiency 89 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



Light distribution files

#### CITIZEN

LED CLU700/701/702/703  
 FWHM / FWTM 55.0 + 56.0° / 90.0°  
 Efficiency 90 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C

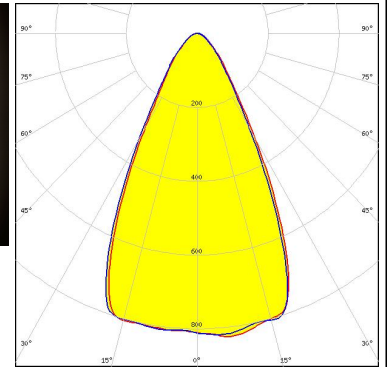


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### CITIZEN

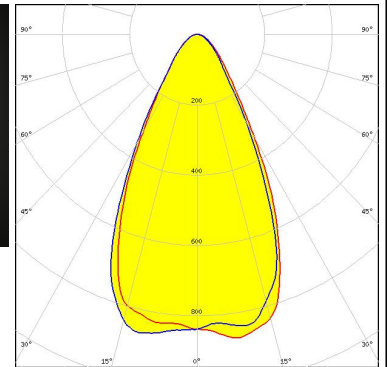
LED CLU7A2/7A3  
 FWHM / FWTM 55.0° / 91.0°  
 Efficiency 90 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



Light distribution files

#### CITIZEN

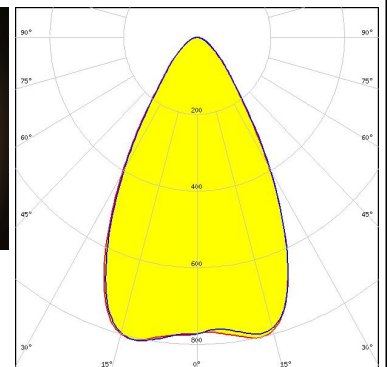
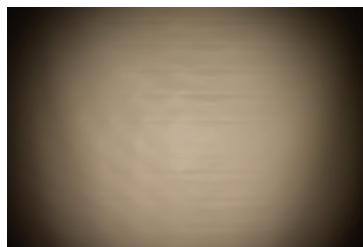
LED LCN-C01B (Tunable White)  
 FWHM / FWTM 54.0° / 92.0°  
 Efficiency 86 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 481 Typ L8



Light distribution files



LED CMA1516  
 FWHM / FWTM 61.0° / 100.0°  
 Efficiency 92 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15256\_HEKLA-SOCKET-D

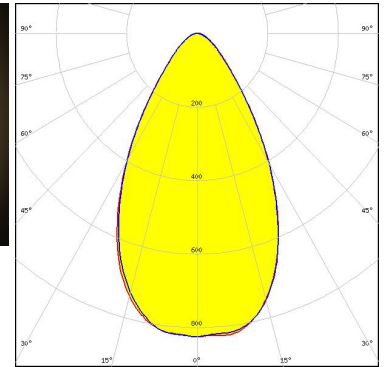


Light distribution files

### OPTICAL RESULTS (MEASURED):



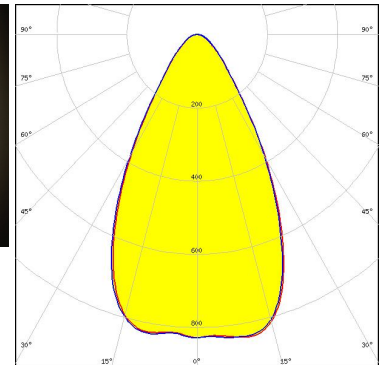
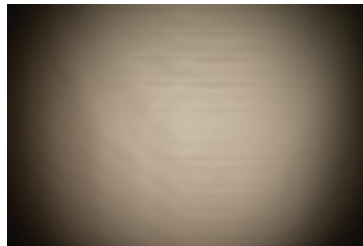
LED CMA1825  
 FWHM / FWTM 59.0° / 101.0°  
 Efficiency 90 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15254\_HEKLA-SOCKET-B



Light distribution files



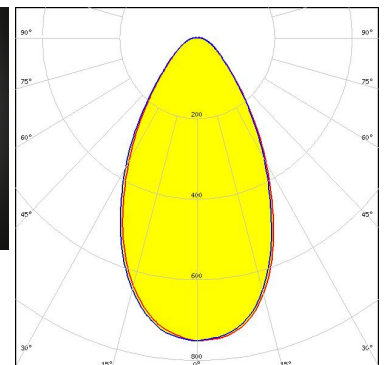
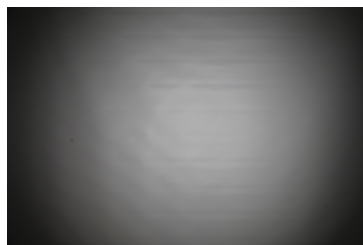
LED CMT14xx  
 FWHM / FWTM 58.0° / 97.0°  
 Efficiency 91 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C  
 F15176\_ANGELETTE-LENS



Light distribution files



LED CMT19xx  
 FWHM / FWTM 58.0° / 108.0°  
 Efficiency 88 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



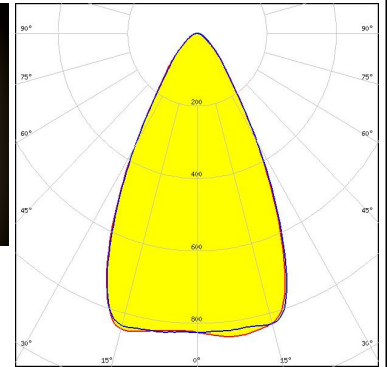
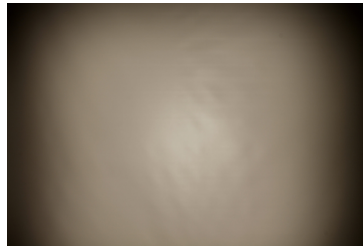
Light distribution files



### OPTICAL RESULTS (MEASURED):



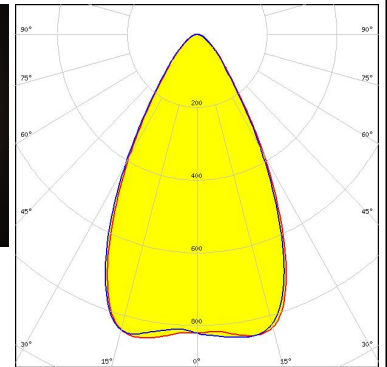
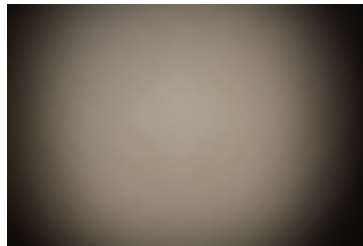
LED CXA/B 13xx  
 FWHM / FWTM 57.0° / 92.0°  
 Efficiency 91 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15956\_HEKLA-SOCKET-J



Light distribution files



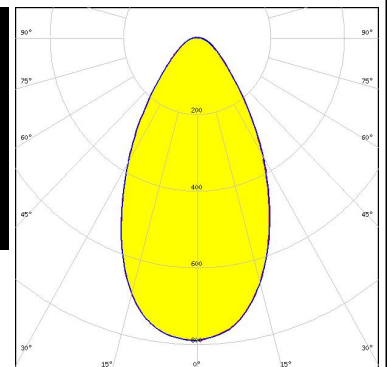
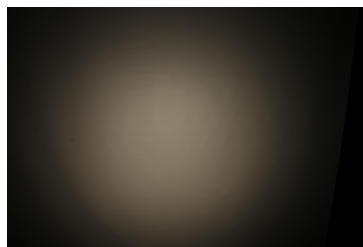
LED CXA/B 15xx  
 FWHM / FWTM 59.0° / 95.0°  
 Efficiency 91 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15256\_HEKLA-SOCKET-D



Light distribution files



LED LUXEON CX Plus CoB L08 (Gen2)  
 FWHM / FWTM 57.0° / 107.0°  
 Efficiency 90 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 Bender Wirth: 637a Hekla

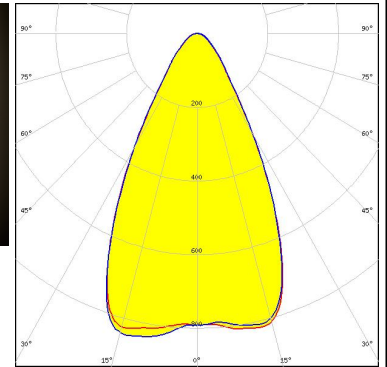


Light distribution files

### OPTICAL RESULTS (MEASURED):



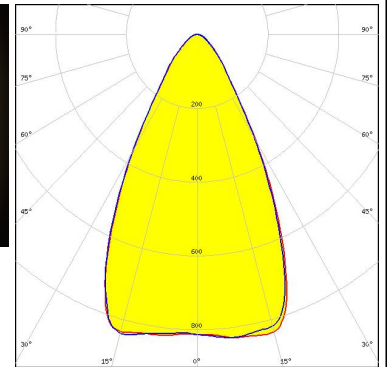
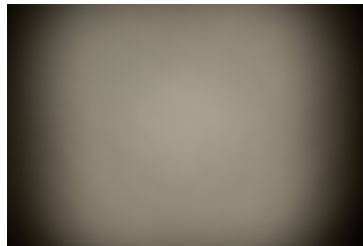
**LED** LUXEON CoB 1202HD  
**FWHM / FWTM** 57.0 + 55.0° / 94.0 + 92.0°  
**Efficiency** 90 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15848\_HEKLA-SOCKET-G



Light distribution files



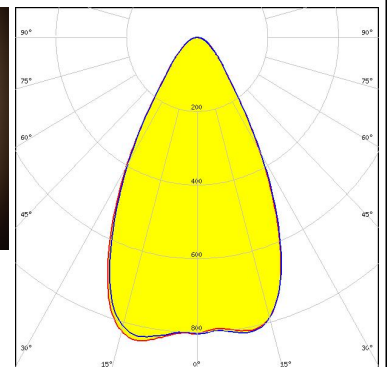
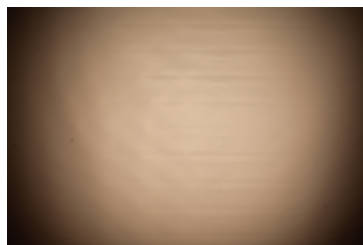
**LED** LUXEON CoB 1202s  
**FWHM / FWTM** 57.0° / 83.0 + 93.0°  
**Efficiency** 91 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15848\_HEKLA-SOCKET-G



Light distribution files



**LED** LUXEON CoB 1204HD  
**FWHM / FWTM** 57.3 + 57.5° / 96.0 + 97.0°  
**Efficiency** 90 %  
**Peak intensity** 0.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15858\_HEKLA-SOCKET-H

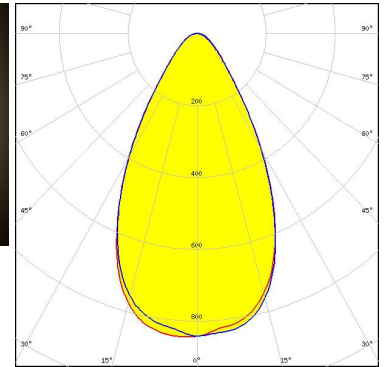
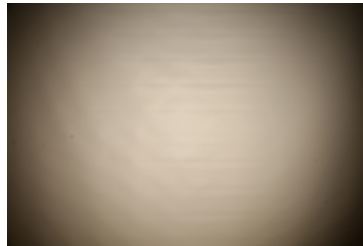


Light distribution files

### OPTICAL RESULTS (MEASURED):



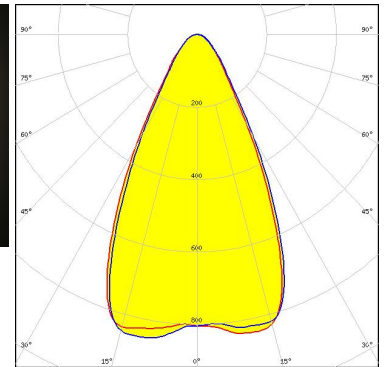
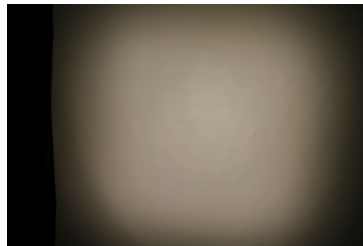
**LED** LUXEON CoB 1205HD  
**FWHM / FWTM** 57.3 + 57.4° / 98.4 + 98.2°  
**Efficiency** 89 %  
**Peak intensity** 0.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15858\_HEKLA-SOCKET-H



Light distribution files



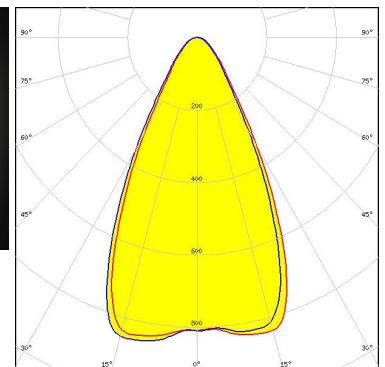
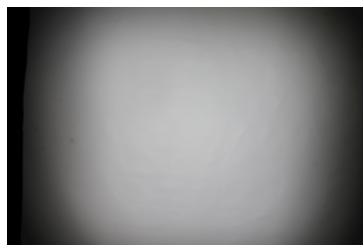
**LED** LUXEON CX Plus CoB - HD S01H4  
**FWHM / FWTM** 55.0° / 92.0°  
**Efficiency** 91 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 Bender Wirth: 634c Hekla



Light distribution files



**LED** LUXEON CX Plus CoB - HD S02H6  
**FWHM / FWTM** 55.0° / 93.0°  
**Efficiency** 91 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 Bender Wirth: 634c Hekla

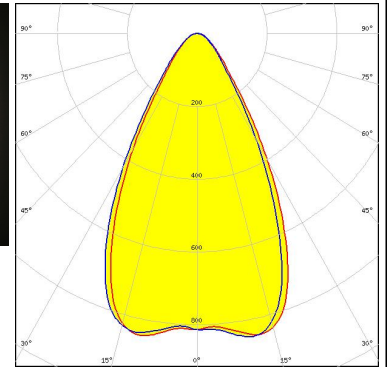


Light distribution files

### OPTICAL RESULTS (MEASURED):



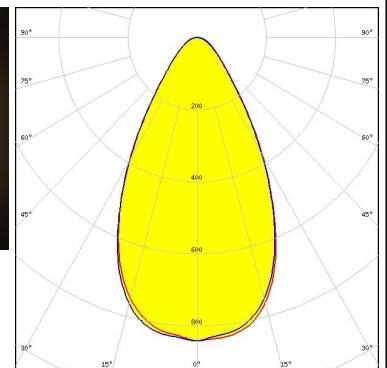
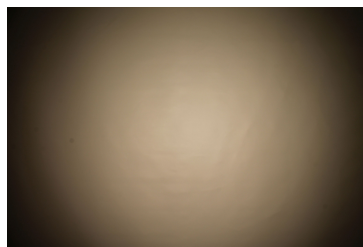
LED LUXEON CX Plus CoB - HD S04H9  
 FWHM / FWTM 58.0° / 95.0°  
 Efficiency 91 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 Bender Wirth: 634c Hekla



Light distribution files



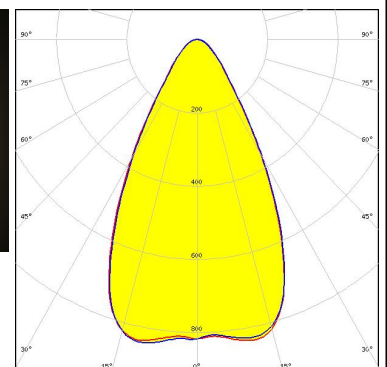
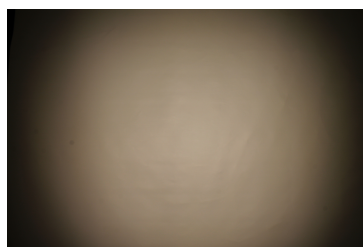
LED LUXEON CX Plus CoB L04 / L05 (Gen2)  
 FWHM / FWTM 57.0° / 100.0°  
 Efficiency 90 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 Bender Wirth: 637a Hekla



Light distribution files



LED LUXEON CX Plus CoB M02 / M03 (Gen2)  
 FWHM / FWTM 57.0° / 95.0°  
 Efficiency 91 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 Bender Wirth: 641a Hekla

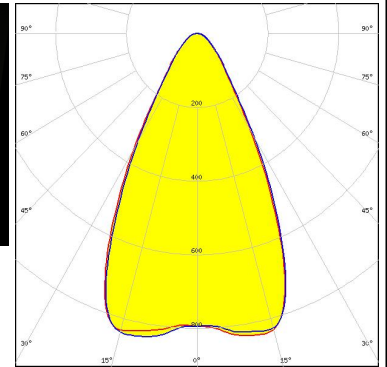


Light distribution files

### OPTICAL RESULTS (MEASURED):



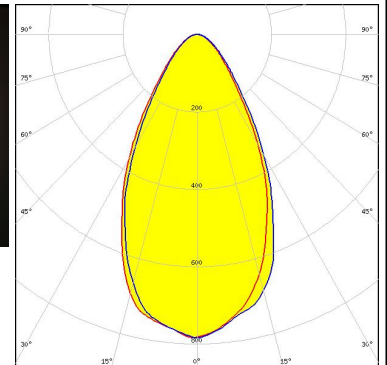
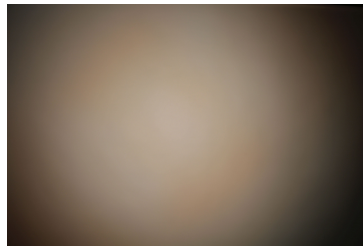
**LED** LUXEON CX Plus CoB S01 (Gen2)  
**FWHM / FWTM** 55.0° / 92.0°  
**Efficiency** 91 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 Bender Wirth: 634c Hekla



Light distribution files



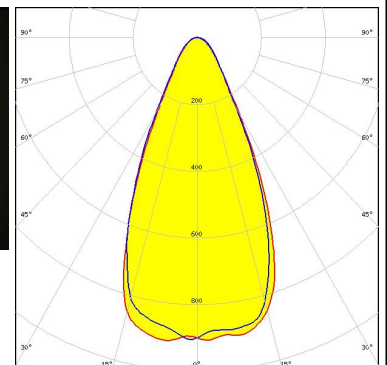
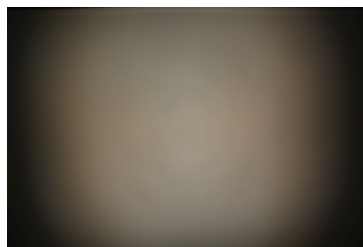
**LED** CDM-14 (Dim-To-Warm)  
**FWHM / FWTM** 56.0° / 102.0°  
**Efficiency** 82 %  
**Peak intensity** 0.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 491 Typ L8



Light distribution files



**LED** CDM-6 (Dim-To-Warm)  
**FWHM / FWTM** 49.0° / 85.0°  
**Efficiency** 82 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 490 Typ L8



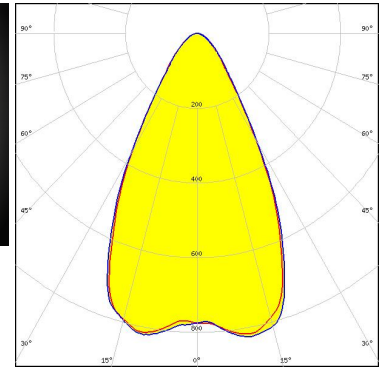
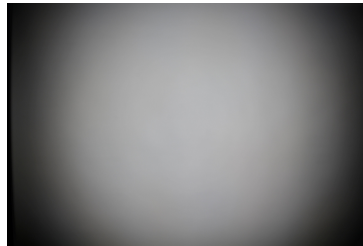
Light distribution files



### OPTICAL RESULTS (MEASURED):



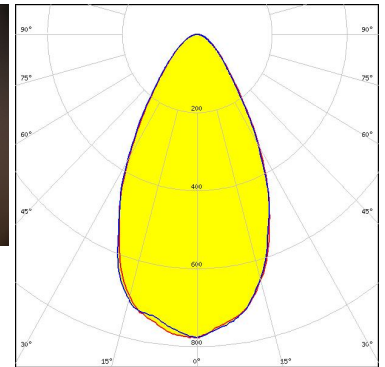
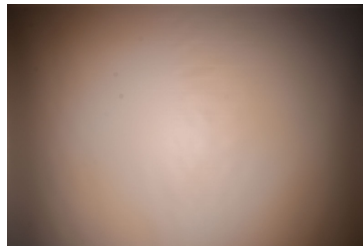
LED CDM-9 (Dim-To-Warm)  
FWHM / FWTM 58.0° / 96.0°  
Efficiency 86 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 490 Typ L8



Light distribution files



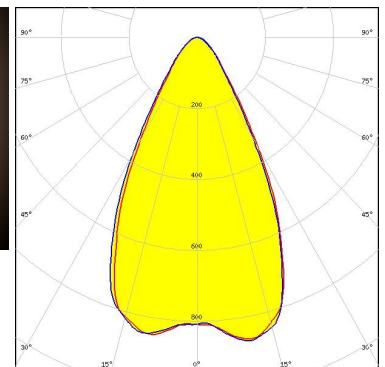
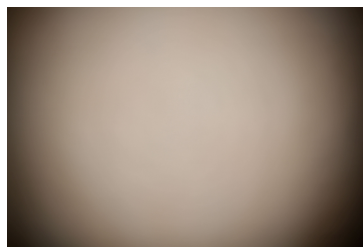
LED CTM-14 (Tunable White)  
FWHM / FWTM 57.0° / 102.0°  
Efficiency 82 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 442 Typ L8



Light distribution files



LED CTM-9 (Tunable White)  
FWHM / FWTM 56.0° / 91.0°  
Efficiency 86 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 495 Typ L8

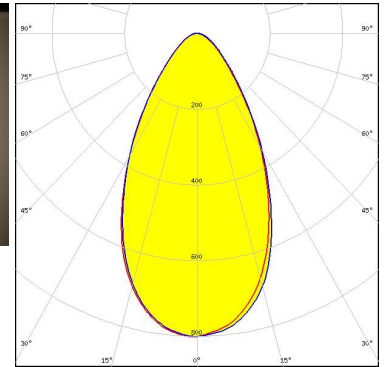


Light distribution files

### OPTICAL RESULTS (MEASURED):



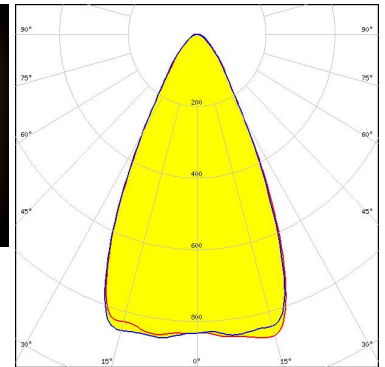
LED CxM-14 (19x19)  
 FWHM / FWTM 57.0° / 103.0°  
 Efficiency 86 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



Light distribution files



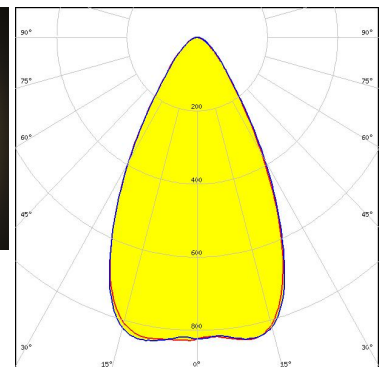
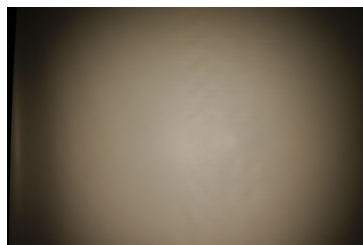
LED CXM-4  
 FWHM / FWTM 54.0° / 88.0°  
 Efficiency 90 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



Light distribution files



LED CxM-9 (13.5x13.5)  
 FWHM / FWTM 58.0° / 95.0°  
 Efficiency 89 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C

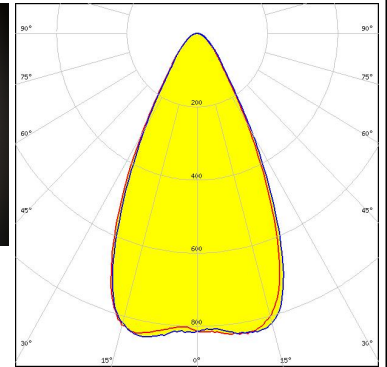


Light distribution files

### OPTICAL RESULTS (MEASURED):



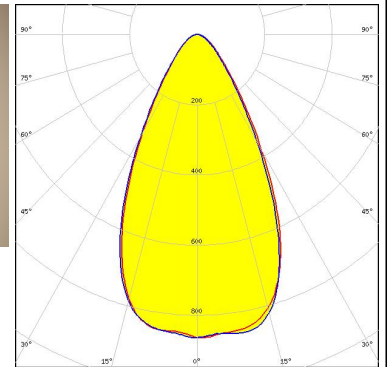
LED NJCWL024Z-V1MT: COB L-Type Tunable White  
FWHM / FWTM 56.0° / 89.0°  
Efficiency 83 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 497 Typ L8



Light distribution files



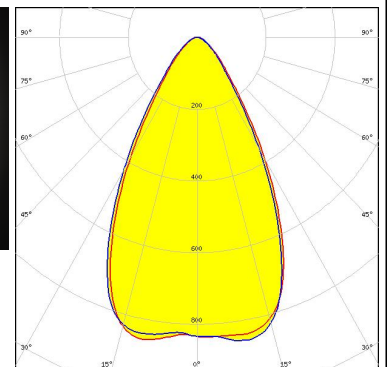
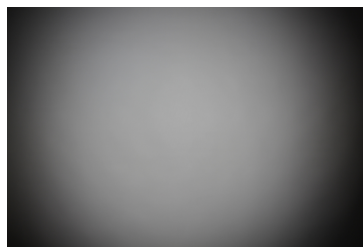
LED NVCWJ024Z-V1MT: COB J-Type Tunable White  
FWHM / FWTM 55.0° / 94.0 + 49.0°  
Efficiency 86 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 498 Typ L8



Light distribution files



LED LC003D / LC006D / LC009D / LC013D  
FWHM / FWTM 58.0° / 95.0 + 96.0°  
Efficiency 90 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C



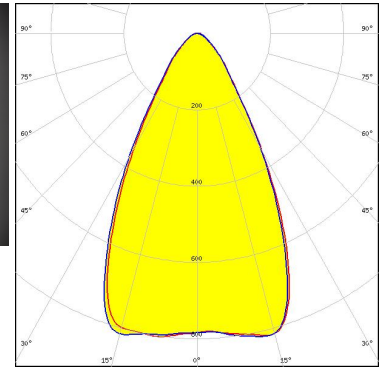
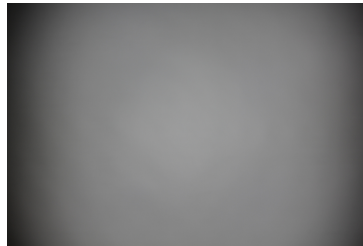
Light distribution files



### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

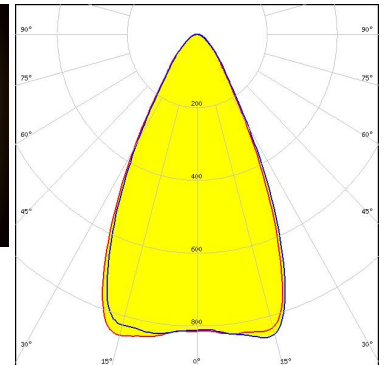
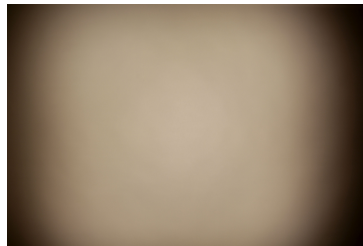
LED LC010C  
FWHM / FWTM 58.0° / 95.0 + 96.0°  
Efficiency 90 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15848\_HEKLA-SOCKET-G



Light distribution files

#### SAMSUNG

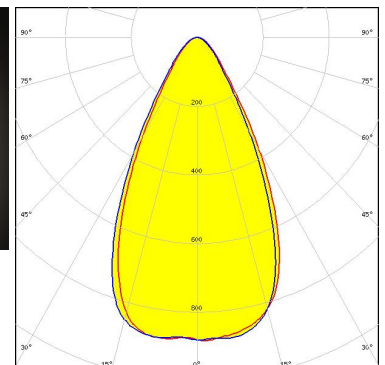
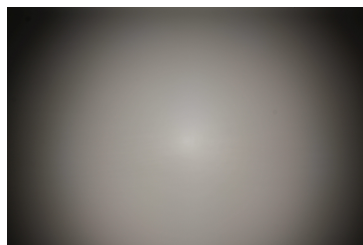
LED LC010C G2  
FWHM / FWTM 55.0° / 91.0°  
Efficiency 89 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C



Light distribution files

#### SAMSUNG

LED LC010T (Tunable White)  
FWHM / FWTM 55.0° / 92.0°  
Efficiency 87 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 501 Typ L8

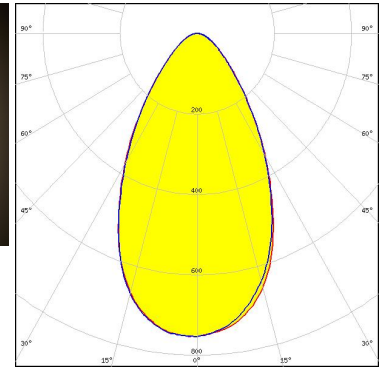
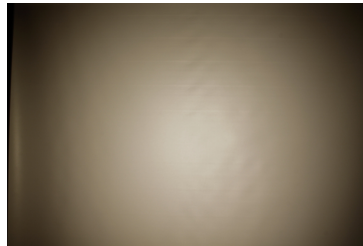


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

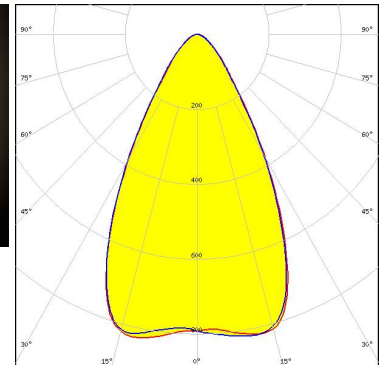
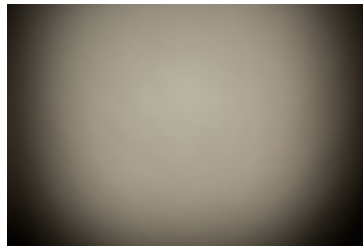
LED LC016D / LC019D / LC026D / LC033D  
FWHM / FWTM 59.0 + 58.0° / 107.0°  
Efficiency 86 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I



Light distribution files

#### SAMSUNG

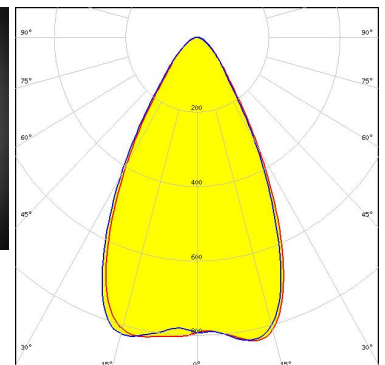
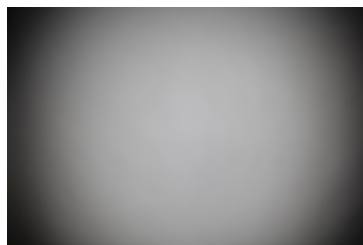
LED LC020C  
FWHM / FWTM 59.0° / 97.0°  
Efficiency 90 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15848\_HEKLA-SOCKET-G



Light distribution files

#### SAMSUNG

LED LC020C G2  
FWHM / FWTM 58.0° / 95.0°  
Efficiency 88 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I

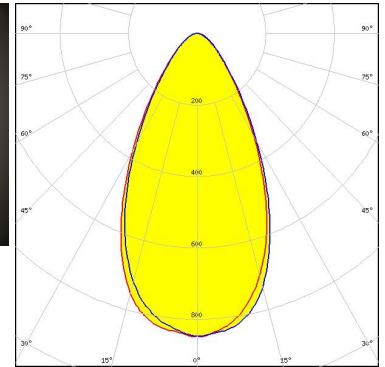
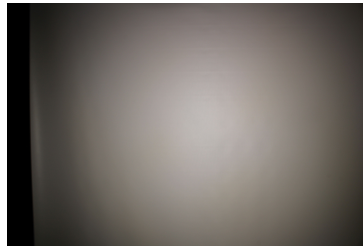


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

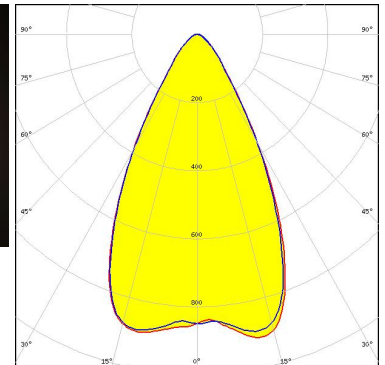
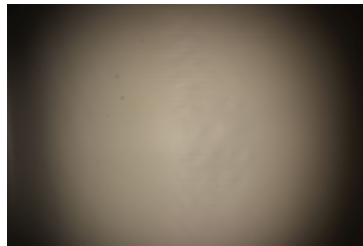
LED LC020T (Tunable white)  
FWHM / FWTM 55.0° / 99.0°  
Efficiency 86 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 501 Typ L8



Light distribution files

#### TRIDONIC

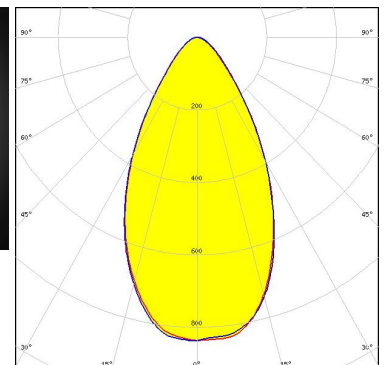
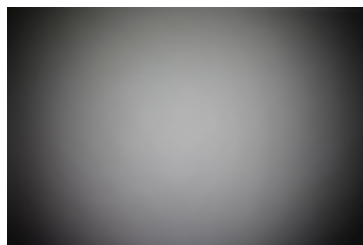
LED SLE G7 LES09  
FWHM / FWTM 58.0° / 92.0°  
Efficiency 90 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C



Light distribution files

#### TRIDONIC

LED SLE G7 LES13  
FWHM / FWTM 57.0° / 99.0°  
Efficiency 87 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I

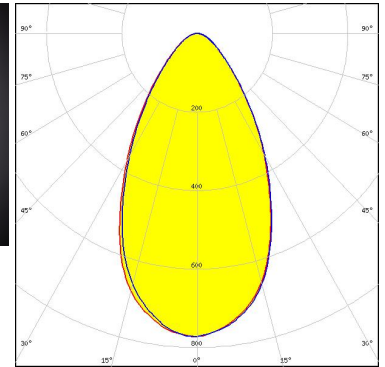
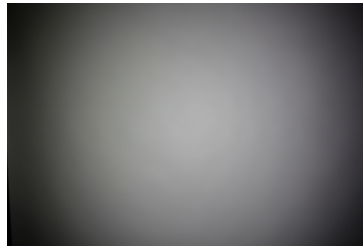


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### TRIDONIC

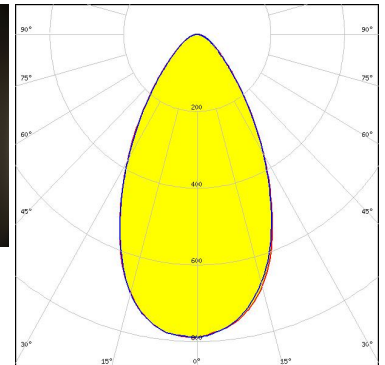
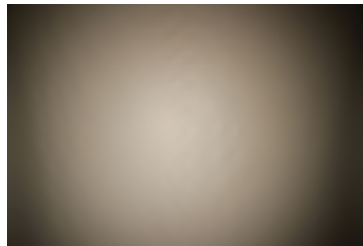
LED SLE G7 LES15  
FWHM / FWTM 58.0° / 106.0°  
Efficiency 87 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I



Light distribution files

#### XICATO

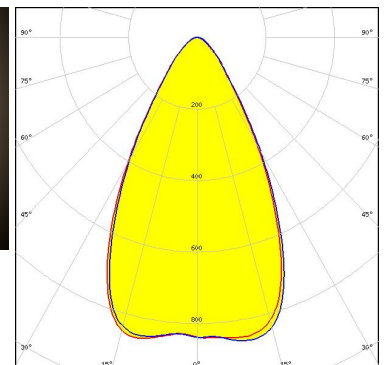
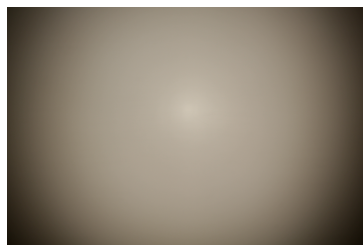
LED XOB 14.5 mm  
FWHM / FWTM 57.0° / 104.0°  
Efficiency 87 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I



Light distribution files

#### XICATO

LED XOB 9.8 mm  
FWHM / FWTM 58.0° / 94.0°  
Efficiency 90 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C

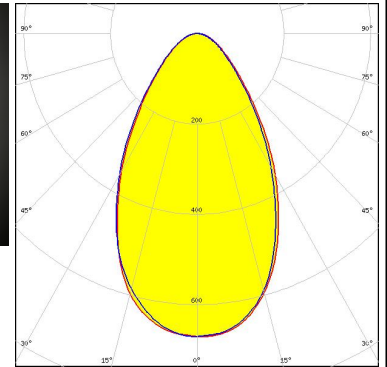
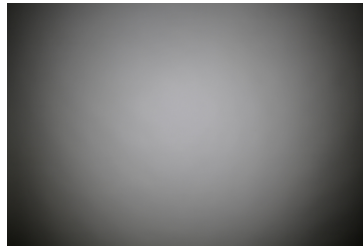


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### XICATO

LED XTM - 19mm LES  
FWHM / FWTM 62.0° / 115.0°  
Efficiency 86 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16058\_XTM-ADAPTER-50-C



Light distribution files

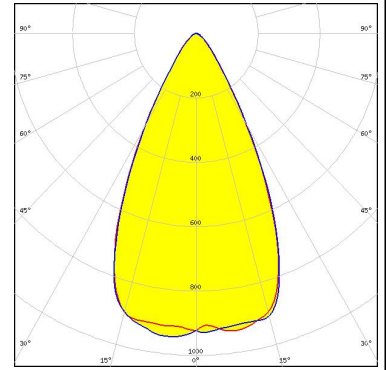
### OPTICAL RESULTS (SIMULATED):



LED COB T-Type  
FWHM / FWTM 54.0° / 81.0°  
Efficiency 86 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:

F15848\_HEKLA-SOCKET-G



Light distribution files

### 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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Shenzhen 518057  
P.R.CHINA

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

#### Shipping locations

Poznan, Poland  
Hong Kong, China

#### Distribution Partners

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