

### RONDA-WAS2-C

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

#### SPECIFICATION:

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



#### MATERIALS:

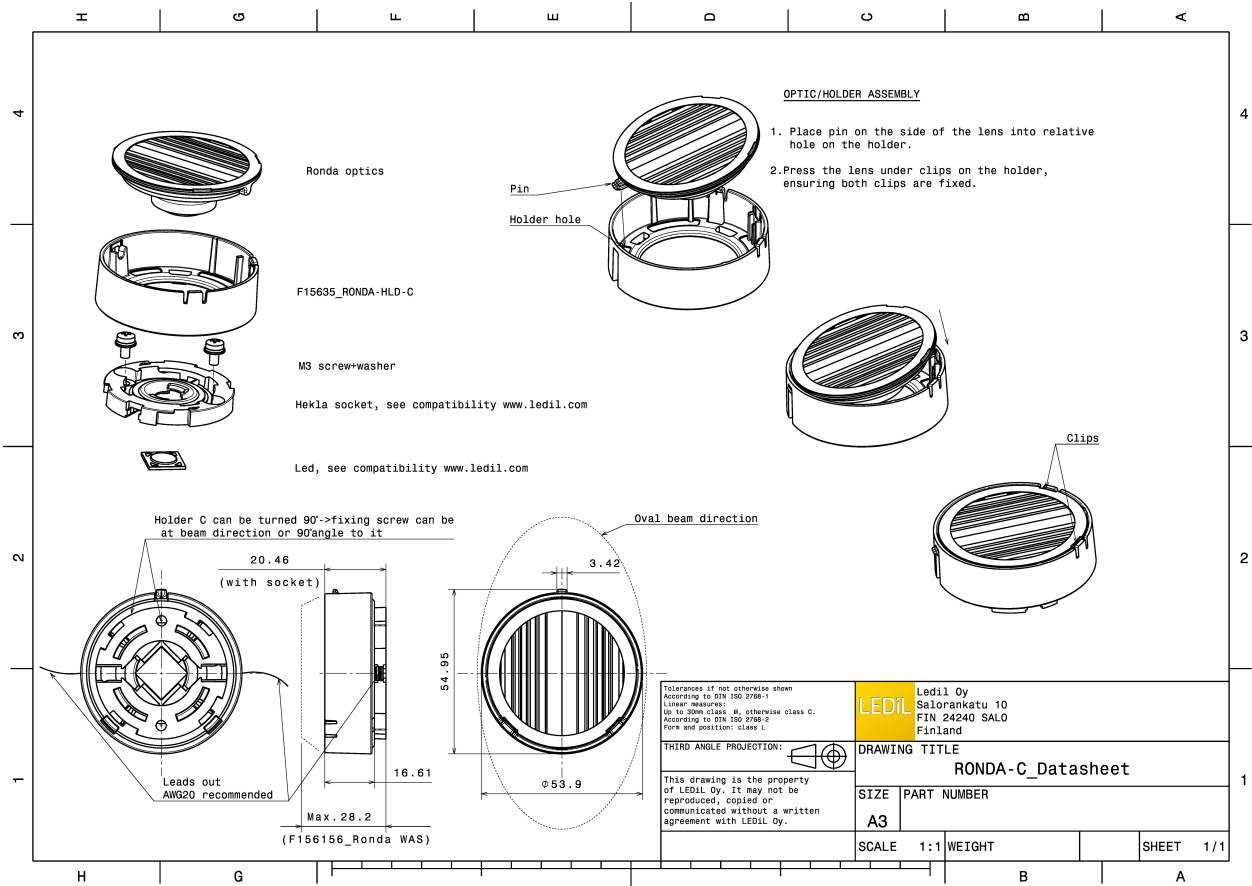
Component	Type	Material	Colour	Finish	Length (mm)
RONDA-WAS2	Single lens	PMMA	clear		
RONDA-HLD-C	Holder	PC	white		

#### 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					

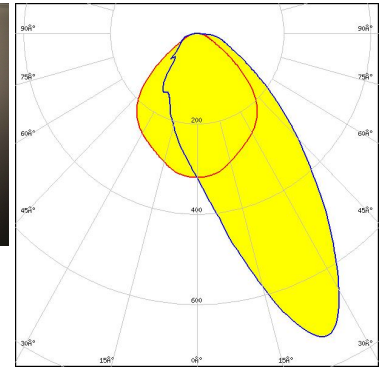
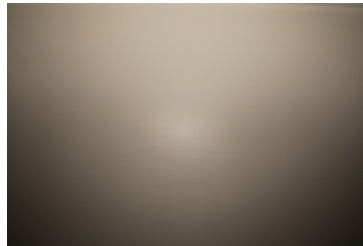


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



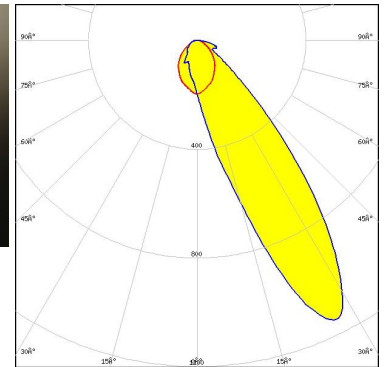
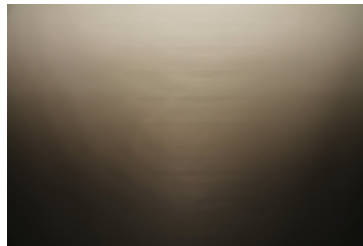
**LED** V11 HD Gen 8  
**FWHM / FWTM** Asymmetric  
**Efficiency** 88 %  
**Peak intensity** 0.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 Bender Wirth: 633d Hekla



Light distribution files



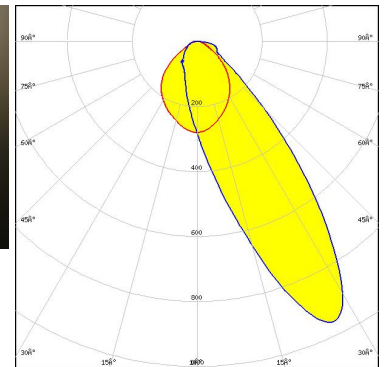
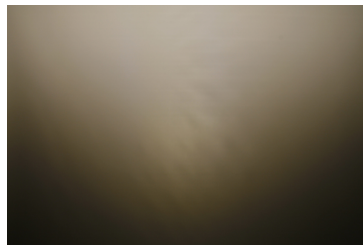
**LED** V4 HD Gen 7  
**FWHM / FWTM** Asymmetric  
**Efficiency** 91 %  
**Peak intensity** 1.2 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15253\_HEKLA-SOCKET-A



Light distribution files



**LED** V6 Gen6  
**FWHM / FWTM** Asymmetric  
**Efficiency** 89 %  
**Peak intensity** 1 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15253\_HEKLA-SOCKET-A

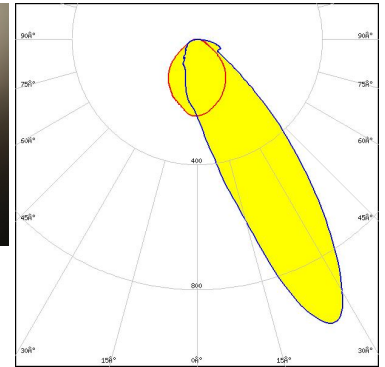
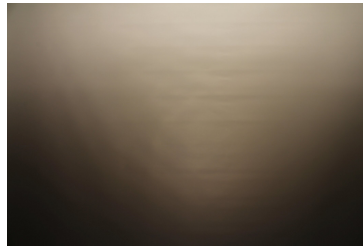


Light distribution files

### OPTICAL RESULTS (MEASURED):



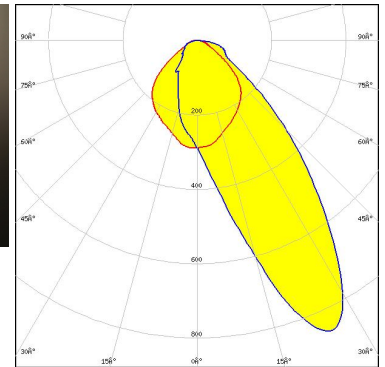
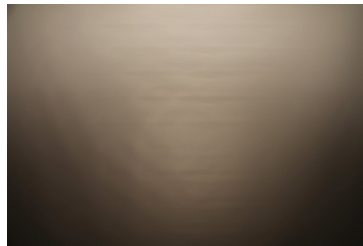
**LED** V6 HD Gen 7  
**FWHM / FWTM** Asymmetric  
**Efficiency** 91 %  
**Peak intensity** 1 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15255\_HEKLA-SOCKET-C



Light distribution files



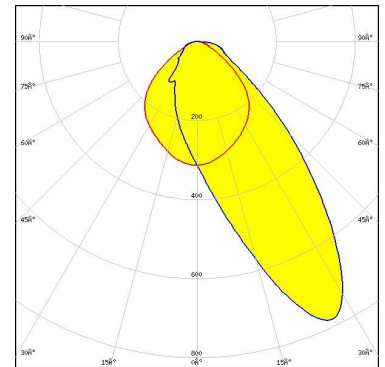
**LED** V9 HD Gen7  
**FWHM / FWTM** Asymmetric  
**Efficiency** 89 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15859\_HEKLA-SOCKET-I



Light distribution files



**LED** VERO10  
**FWHM / FWTM** Asymmetric  
**Efficiency** 89 %  
**Peak intensity** 0.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15616\_HEKLA-SOCKET-F

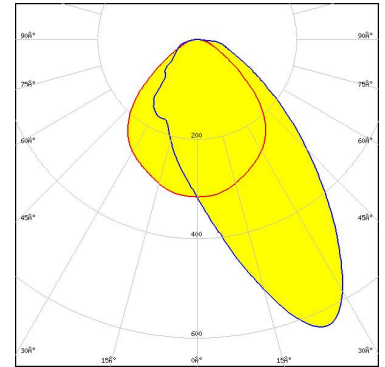


Light distribution files

### OPTICAL RESULTS (MEASURED):



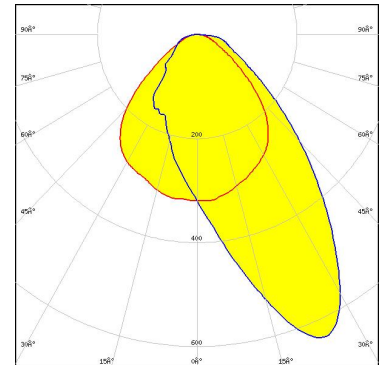
LED Vesta DTW 13mm (21W)  
FWHM / FWTM Asymmetric  
Efficiency 85 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 491 Typ L8



Light distribution files



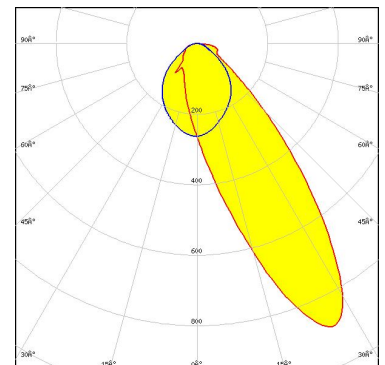
LED Vesta TW 13mm (25W) CSP  
FWHM / FWTM Asymmetric  
Efficiency 85 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED Vesta TW 6mm DP  
FWHM / FWTM Asymmetric  
Efficiency 84 %  
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

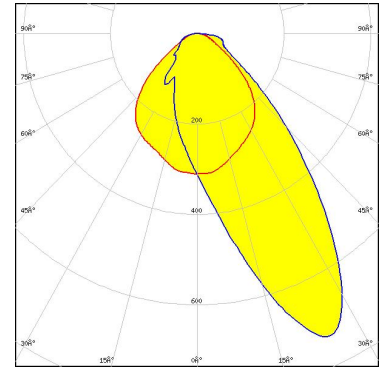


Light distribution files

### OPTICAL RESULTS (MEASURED):



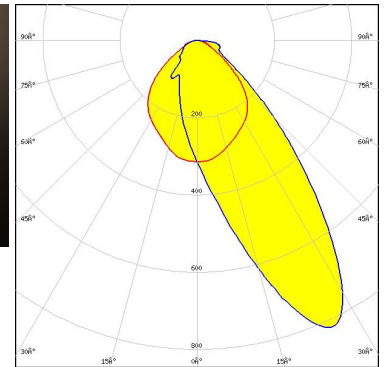
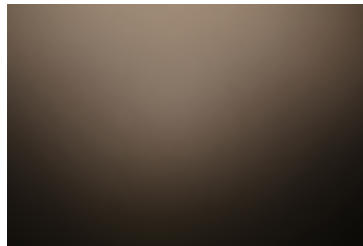
**LED** Vesta TW 9mm (12W) CSP  
**FWHM / FWTM** Asymmetric  
**Efficiency** 86 %  
**Peak intensity** 0.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K



Light distribution files

### CITIZEN

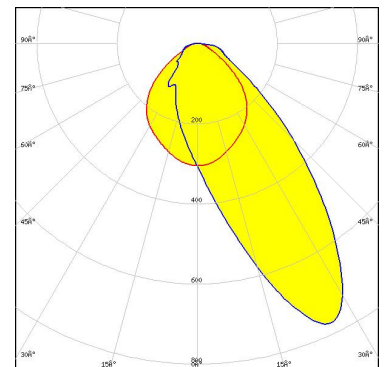
**LED** CLC020 Series (Dim-To-Warm)  
**FWHM / FWTM** Asymmetric  
**Efficiency** 86 %  
**Peak intensity** 0.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K



Light distribution files

### CITIZEN

**LED** CLL02x/CLU02x (LES10)  
**FWHM / FWTM** Asymmetric  
**Efficiency** 87 %  
**Peak intensity** 0.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15255\_HEKLA-SOCKET-C

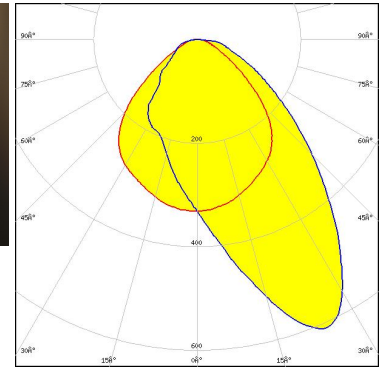
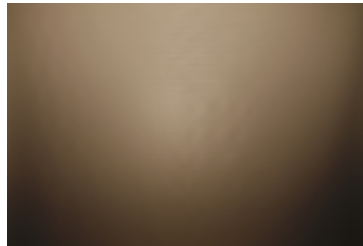


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### CITIZEN

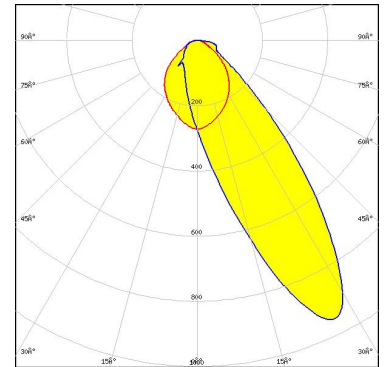
LED CLL03x/CLU03x  
FWHM / FWTM Asymmetric  
Efficiency 86 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I



Light distribution files

#### CITIZEN

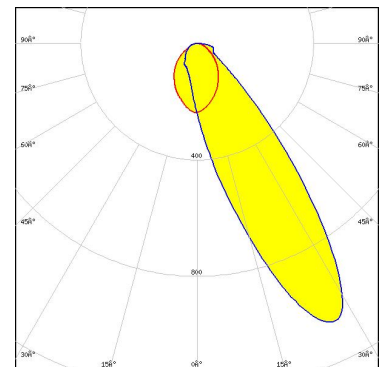
LED CLU700/701/702/703  
FWHM / FWTM Asymmetric  
Efficiency 88 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C



Light distribution files

#### CITIZEN

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



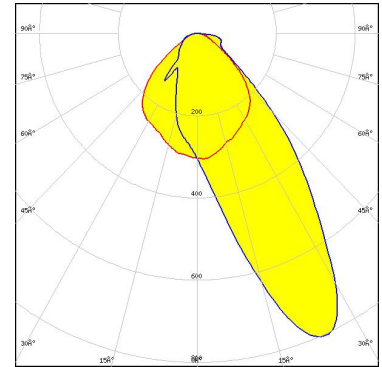
Light distribution files



### OPTICAL RESULTS (MEASURED):

#### CITIZEN

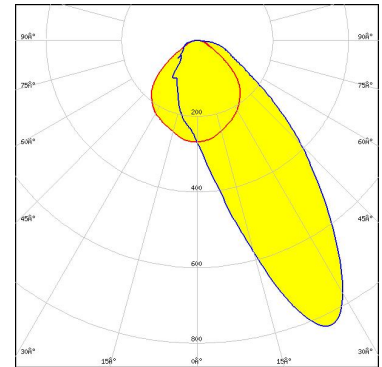
LED LCN-C01B (Tunable White)  
 FWHM / FWTM Asymmetric  
 Efficiency 86 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 481 Typ L8



Light distribution files



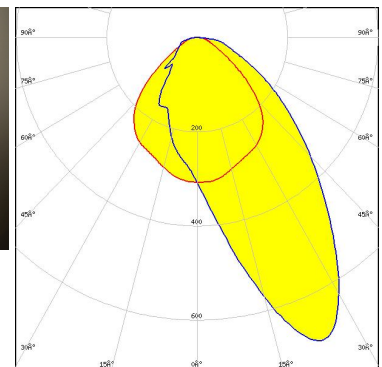
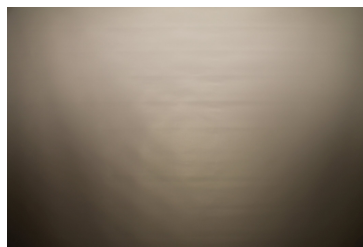
LED CMA1516  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15256\_HEKLA-SOCKET-D



Light distribution files



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

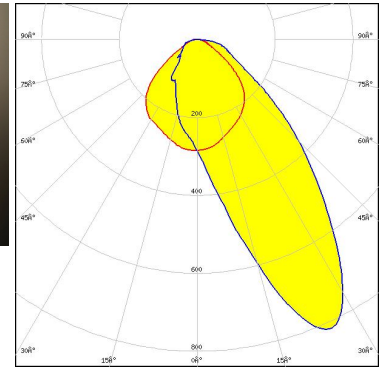
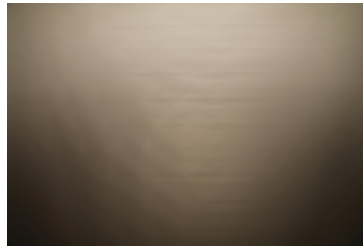


Light distribution files

### OPTICAL RESULTS (MEASURED):



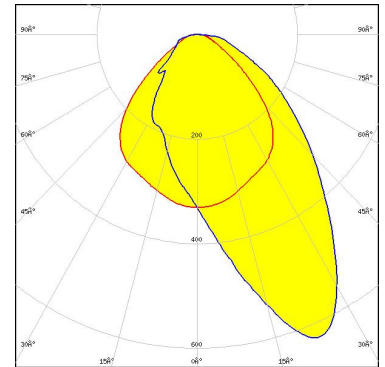
LED CMT14xx  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



Light distribution files



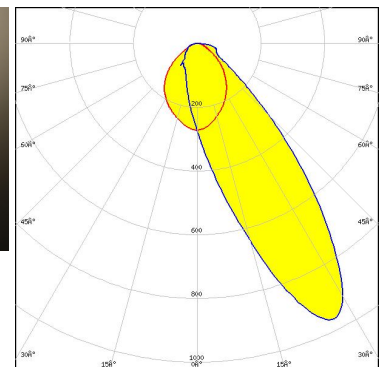
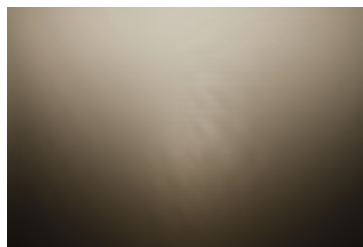
LED CMT19xx  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



Light distribution files



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

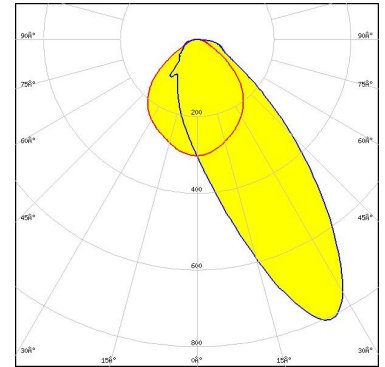


Light distribution files

### OPTICAL RESULTS (MEASURED):



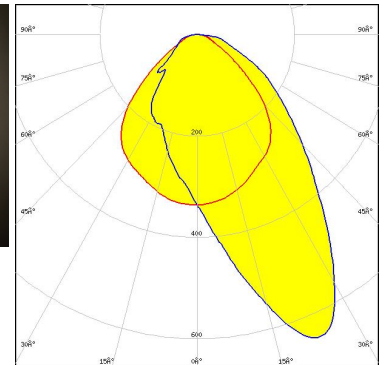
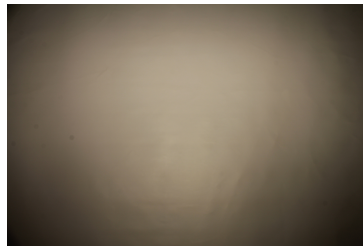
LED CXA/B 15xx  
FWHM / FWTM Asymmetric  
Efficiency 89 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15256\_HEKLA-SOCKET-D



Light distribution files



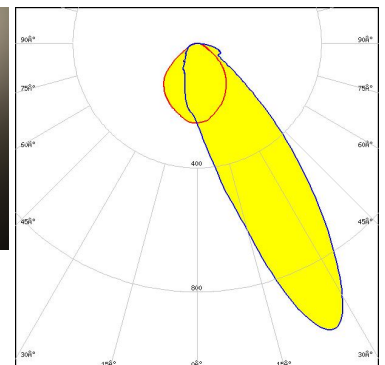
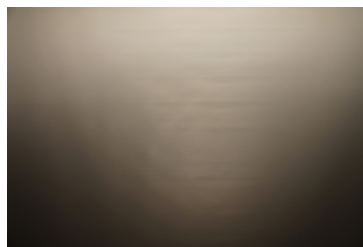
LED LUXEON CX Plus CoB L08 (Gen2)  
FWHM / FWTM Asymmetric  
Efficiency 88 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
Bender Wirth: 637a Hekla



Light distribution files



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

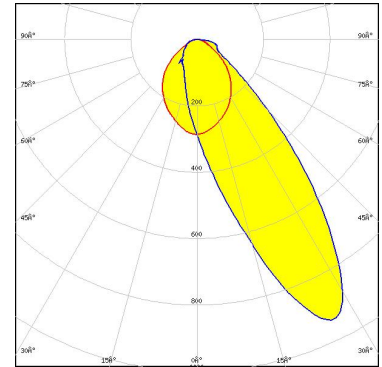


Light distribution files

### OPTICAL RESULTS (MEASURED):



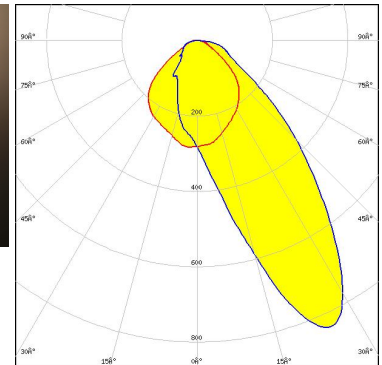
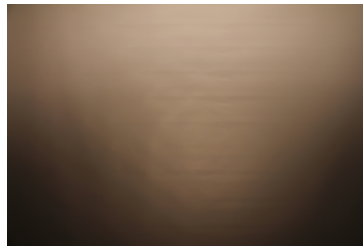
LED LUXEON CoB 1202s  
FWHM / FWTM Asymmetric  
Efficiency 89 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15848\_HEKLA-SOCKET-G



Light distribution files



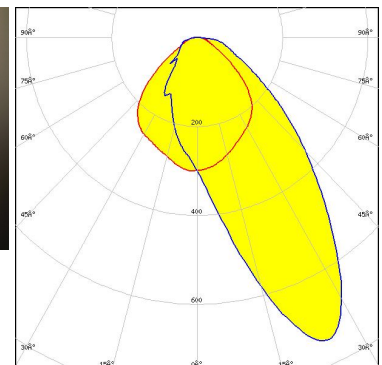
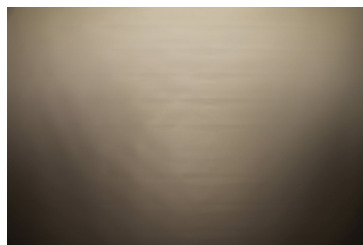
LED LUXEON CoB 1204HD  
FWHM / FWTM Asymmetric  
Efficiency 91 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15858\_HEKLA-SOCKET-H



Light distribution files



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

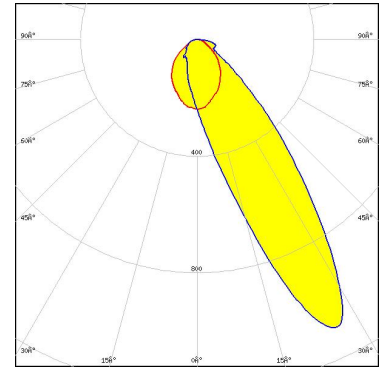


Light distribution files

### OPTICAL RESULTS (MEASURED):



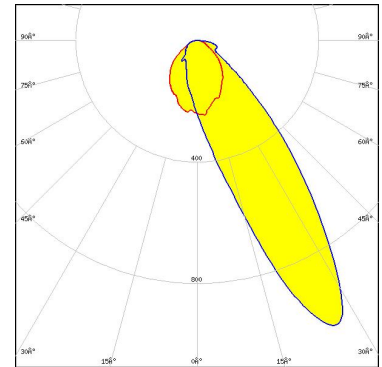
LED LUXEON CX Plus CoB - HD S01H4  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 Bender Wirth: 634c Hekla



Light distribution files



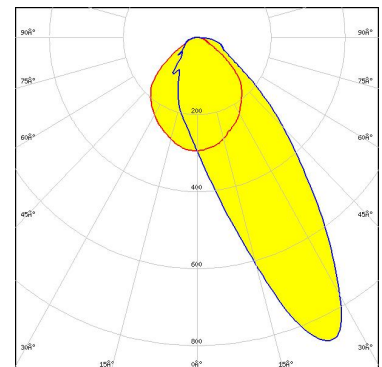
LED LUXEON CX Plus CoB - HD S02H6  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 Bender Wirth: 634c Hekla



Light distribution files



LED LUXEON CX Plus CoB - HD S04H9  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 Bender Wirth: 634c Hekla

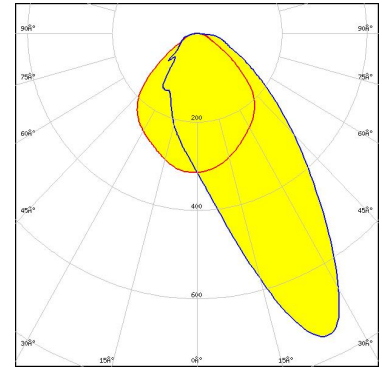


Light distribution files

### OPTICAL RESULTS (MEASURED):



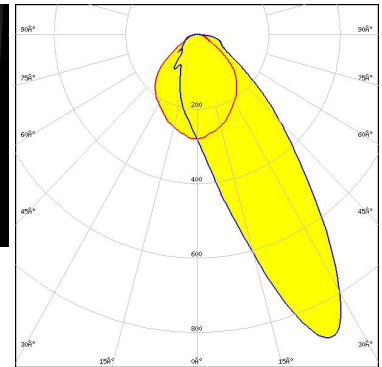
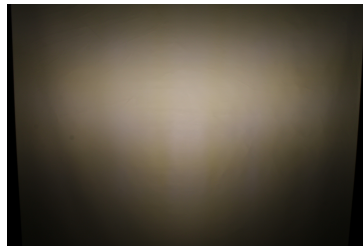
LED LUXEON CX Plus CoB L04 / L05 (Gen2)  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 Bender Wirth: 637a Hekla



Light distribution files



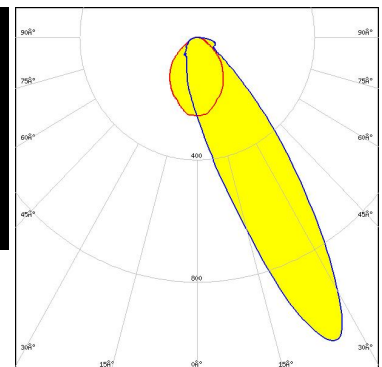
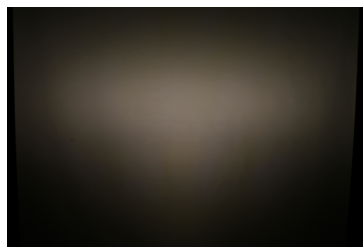
LED LUXEON CX Plus CoB M02 / M03 (Gen2)  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 Bender Wirth: 641a Hekla



Light distribution files



LED LUXEON CX Plus CoB S01 (Gen2)  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 Bender Wirth: 634c Hekla

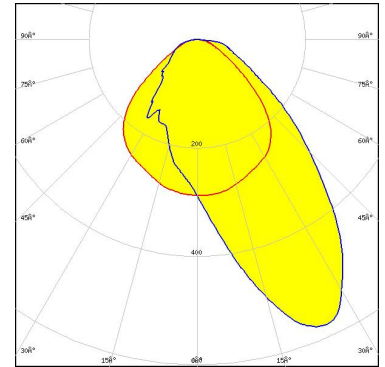


Light distribution files

### OPTICAL RESULTS (MEASURED):



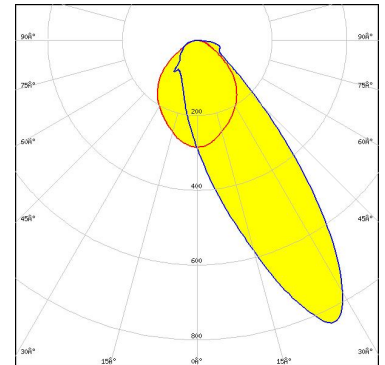
LED CDM-14 (Dim-To-Warm)  
FWHM / FWTM Asymmetric  
Efficiency 82 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 491 Typ L8



Light distribution files



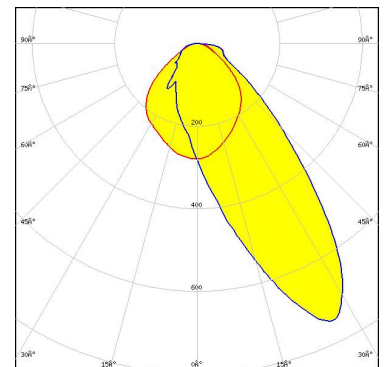
LED CDM-6 (Dim-To-Warm)  
FWHM / FWTM Asymmetric  
Efficiency 85 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 490 Typ L8



Light distribution files



LED CDM-9 (Dim-To-Warm)  
FWHM / FWTM Asymmetric  
Efficiency 85 %  
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

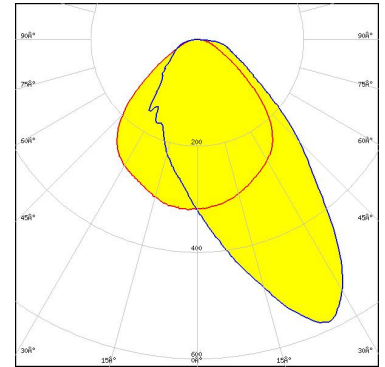


Light distribution files

### OPTICAL RESULTS (MEASURED):



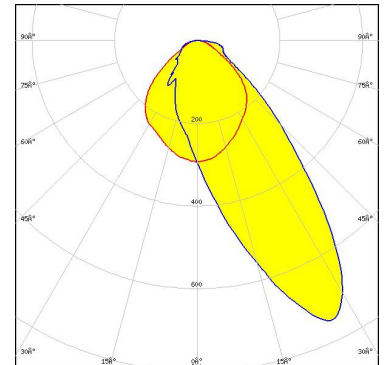
LED CTM-14 (Tunable White)  
FWHM / FWTM Asymmetric  
Efficiency 83 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 442 Typ L8



Light distribution files



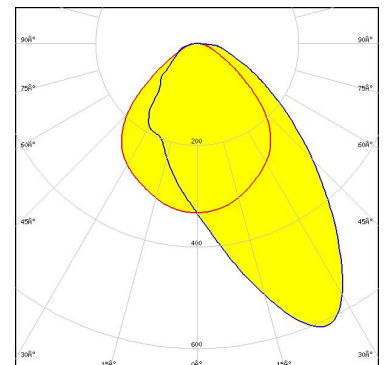
LED CTM-9 (Tunable White)  
FWHM / FWTM Asymmetric  
Efficiency 85 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 495 Typ L8



Light distribution files



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



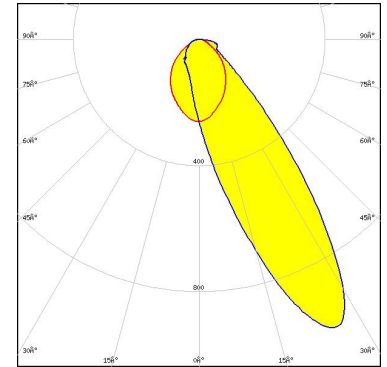
Light distribution files



### OPTICAL RESULTS (MEASURED):



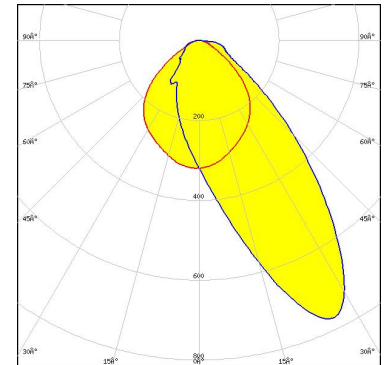
LED CXM-4  
FWHM / FWTM Asymmetric  
Efficiency 88 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C



Light distribution files



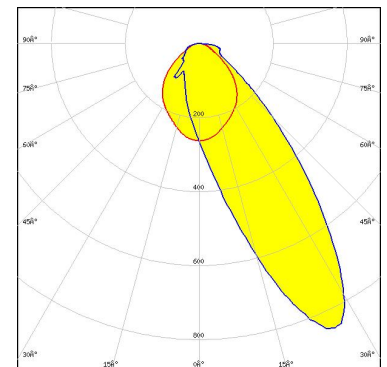
LED CxM-9 (13.5x13.5)  
FWHM / FWTM Asymmetric  
Efficiency 88 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C



Light distribution files



LED NJCWL024Z-V1MT: COB L-Type Tunable White  
FWHM / FWTM Asymmetric  
Efficiency 82 %  
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

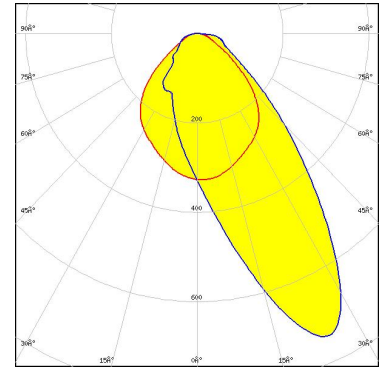


Light distribution files

### OPTICAL RESULTS (MEASURED):



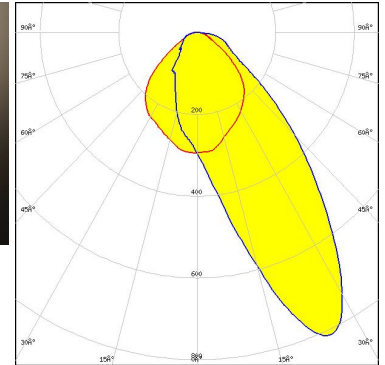
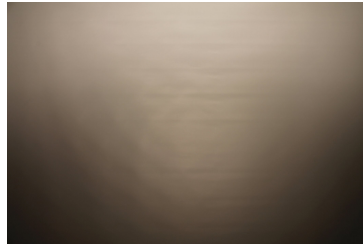
LED NVCWJ024Z-V1MT: COB J-Type Tunable White  
FWHM / FWTM Asymmetric  
Efficiency 86 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 498 Typ L8



Light distribution files



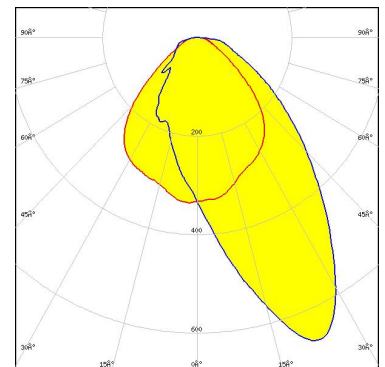
LED Fortimo SLM L09 CoB  
FWHM / FWTM Asymmetric  
Efficiency 90 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15858\_HEKLA-SOCKET-H



Light distribution files



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

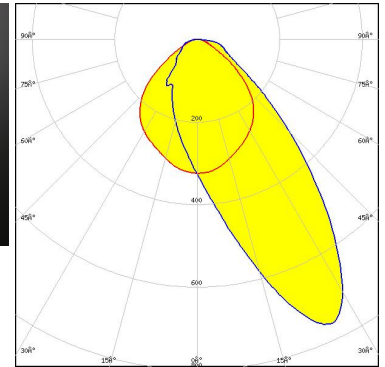
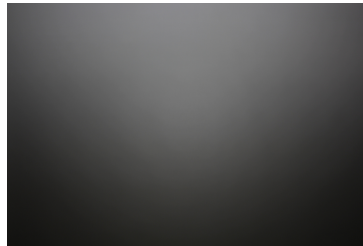


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

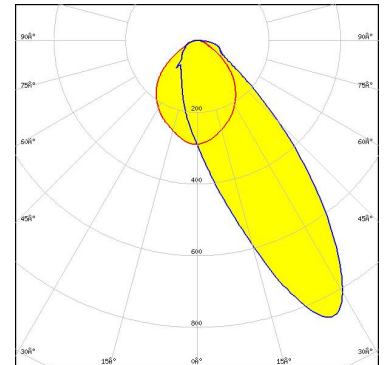
LED LC003D / LC006D / LC009D / LC013D  
FWHM / FWTM Asymmetric  
Efficiency 87 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C



Light distribution files

#### SAMSUNG

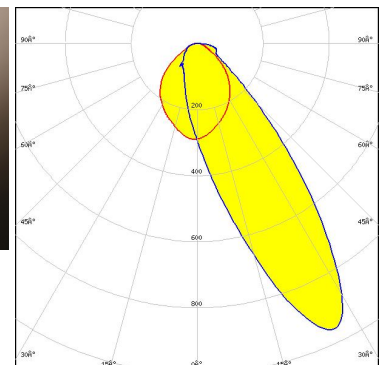
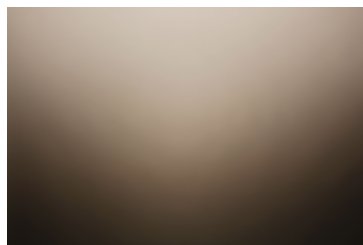
LED LC010C  
FWHM / FWTM Asymmetric  
Efficiency 87 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15848\_HEKLA-SOCKET-G



Light distribution files

#### SAMSUNG

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

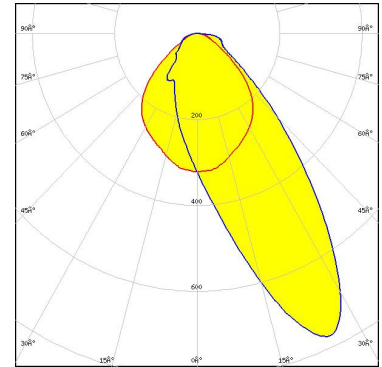


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

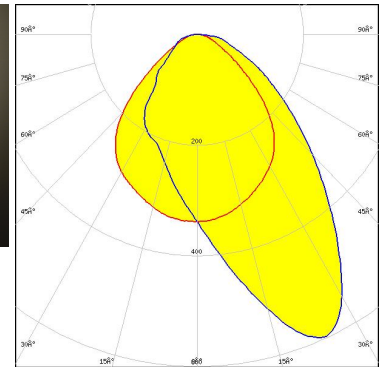
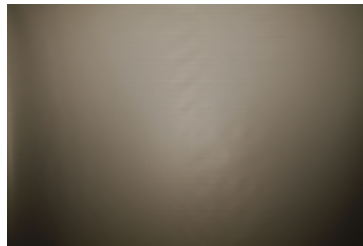
LED LC010T (Tunable White)  
FWHM / FWTM Asymmetric  
Efficiency 86 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 501 Typ L8



Light distribution files

#### SAMSUNG

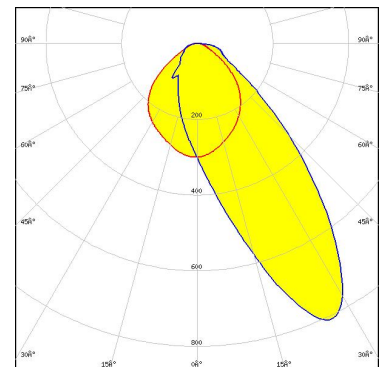
LED LC016D / LC019D / LC026D / LC033D  
FWHM / FWTM Asymmetric  
Efficiency 87 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I



Light distribution files

#### SAMSUNG

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

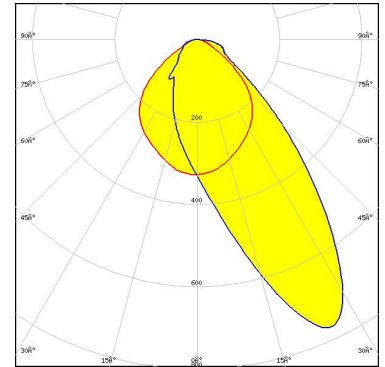


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

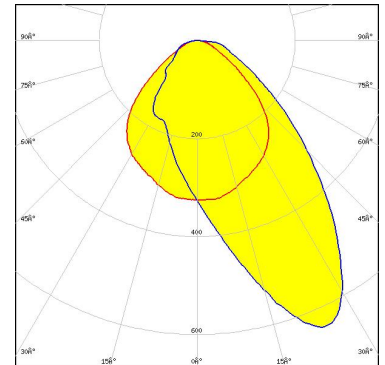
LED LC020C G2  
FWHM / FWTM Asymmetric  
Efficiency 87 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I



Light distribution files

#### SAMSUNG

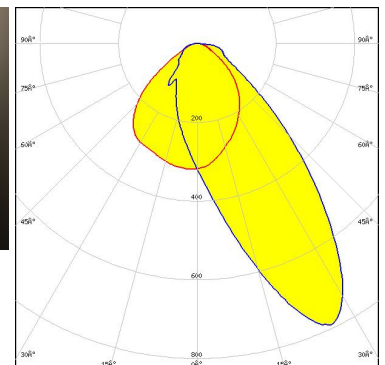
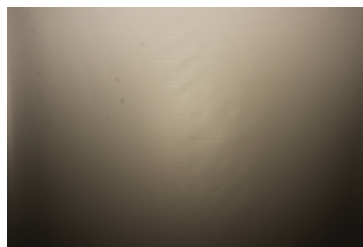
LED LC020T (Tunable white)  
FWHM / FWTM Asymmetric  
Efficiency 86 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 501 Typ L8



Light distribution files

#### TRIDONIC

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

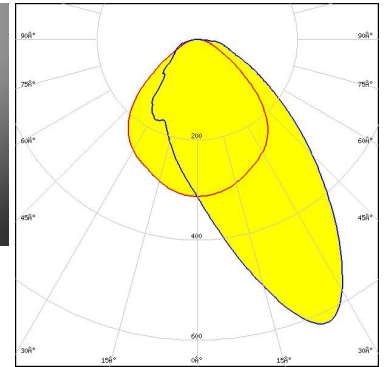
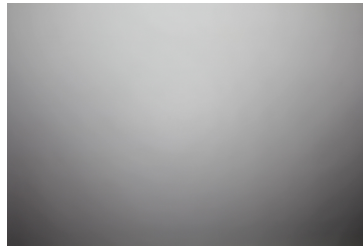


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### TRIDONIC

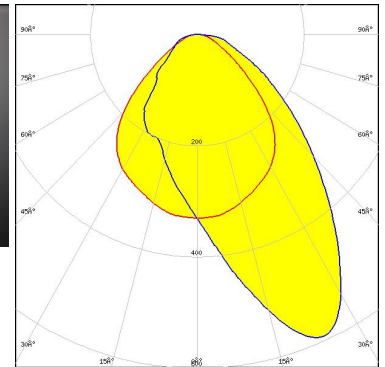
LED SLE G7 LES13  
FWHM / FWTM Asymmetric  
Efficiency 86 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I



Light distribution files

#### TRIDONIC

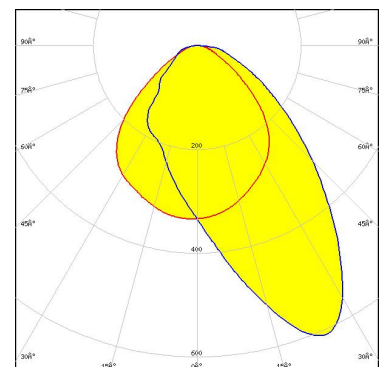
LED SLE G7 LES15  
FWHM / FWTM Asymmetric  
Efficiency 86 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I



Light distribution files

#### XICATO

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

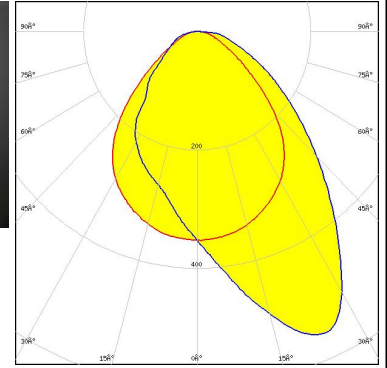


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### XICATO

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

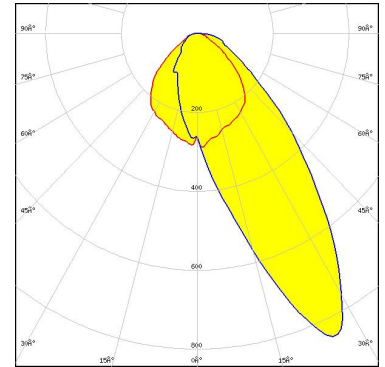


Light distribution files

### OPTICAL RESULTS (SIMULATED):



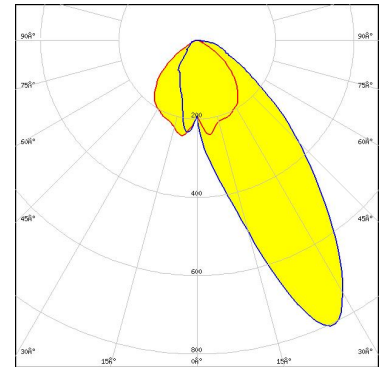
LED V10 Gen 8-9  
FWHM / FWTM Asymmetric  
Efficiency 87 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C



Light distribution files



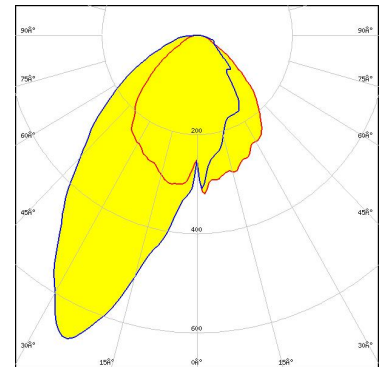
LED V10 Gen7  
FWHM / FWTM Asymmetric  
Efficiency 0 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C



Light distribution files



LED V13 Gen7  
FWHM / FWTM Asymmetric  
Efficiency 86 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I



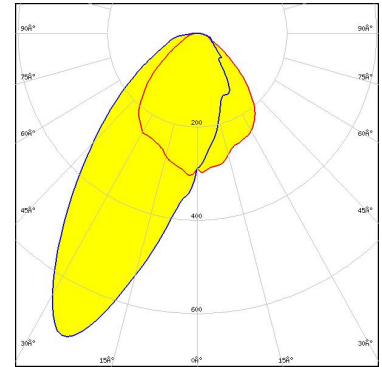
Light distribution files



### OPTICAL RESULTS (SIMULATED):



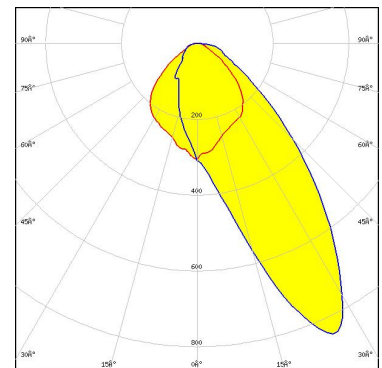
**LED** VERO13  
**FWHM / FWTM** Asymmetric  
**Efficiency** 83 %  
**Peak intensity** 0.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K



Light distribution files



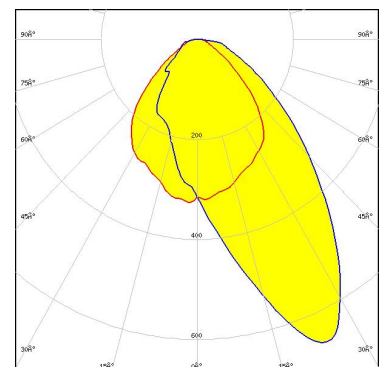
**LED** CMU10xx  
**FWHM / FWTM** Asymmetric  
**Efficiency** 86 %  
**Peak intensity** 0.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17435\_HEKLA-G2-C



Light distribution files



**LED** CMU15xx  
**FWHM / FWTM** Asymmetric  
**Efficiency** 84 %  
**Peak intensity** 0.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17438\_HEKLA-G2-I



Light distribution files

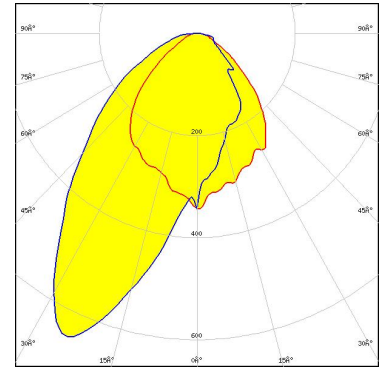
### OPTICAL RESULTS (SIMULATED):



LED CXA/B 1830  
FWHM / FWTM Asymmetric  
Efficiency 86 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:  
C16142\_HEKLA-SOCKET-K

Bender Wirth: 457 Typ L8

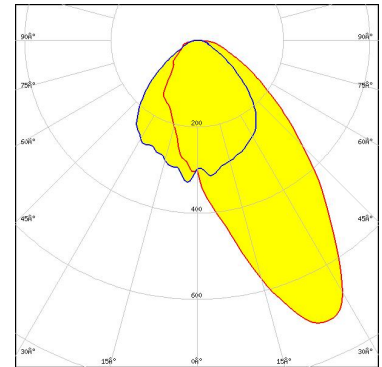


Light distribution files



LED LUXEON CoB L04/L05  
FWHM / FWTM Asymmetric  
Efficiency 87 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:  
F15254\_HEKLA-SOCKET-B



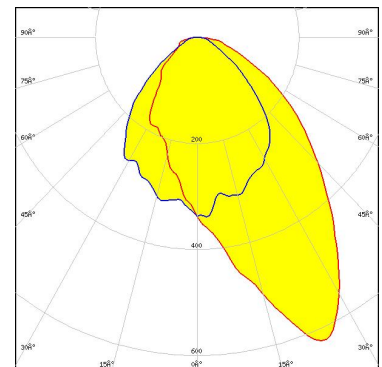
Light distribution files



LED LUXEON CoB L08  
FWHM / FWTM Asymmetric  
Efficiency 86 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:  
C16142\_HEKLA-SOCKET-K

Bender Wirth: 457 Typ L8



Light distribution files

### OPTICAL RESULTS (SIMULATED):



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

[Light distribution files](#)

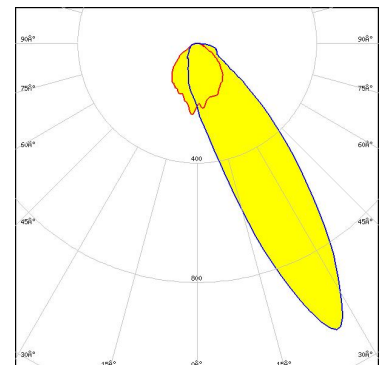


LED LUXEON CoB S01  
FWHM / FWTM Asymmetric  
Efficiency 90 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15956\_HEKLA-SOCKET-J

[Light distribution files](#)



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



[Light distribution files](#)

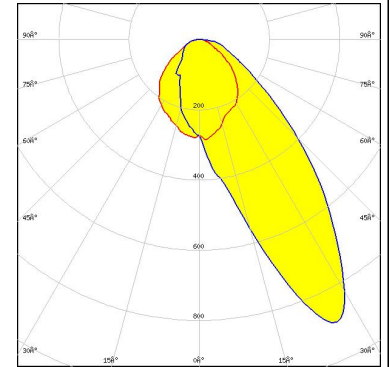
### OPTICAL RESULTS (SIMULATED):

#### XICATO

LED	XTM - 9mm LES
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:

C16058\_XTM-ADAPTER-50-C



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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#### LEDiL Oy

Joensuunkatu 7  
FI-24100 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

[www.ledil.com/  
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