

## CARMEN-W-C

~55° wide beam. Assembly with holder C compatible with LEDiL HEKLA.

### SPECIFICATION:

Dimensions	Ø 69.5 mm
Height	41.5 mm
Fastening	socket
ROHS compliant	yes ⓘ

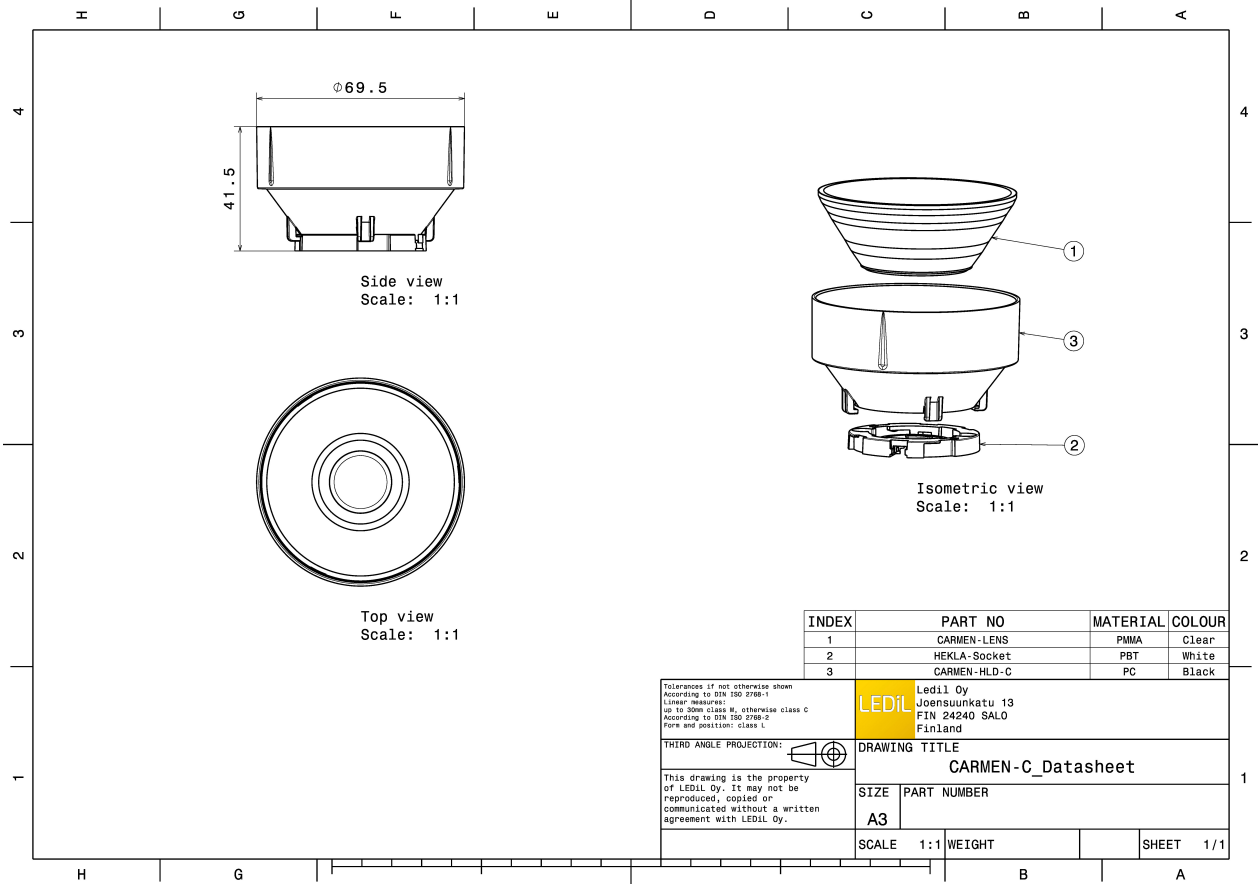


### MATERIALS:

Component	Type	Material	Colour	Finish	Length
CARMEN-W	Single lens	PMMA	clear		66.4
CARMEN-HLD-C	Holder	PC	black		69.5

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP15776_CARMEN-W-C	Single lens	150	150	15	4.5
» Box size: 476 x 273 x 292 mm					

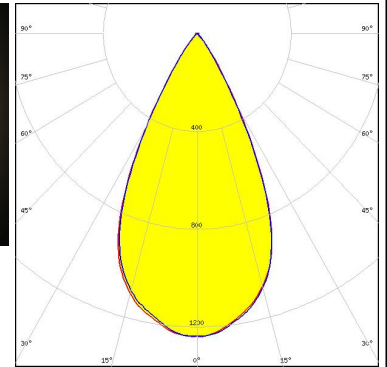


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

bridgelux

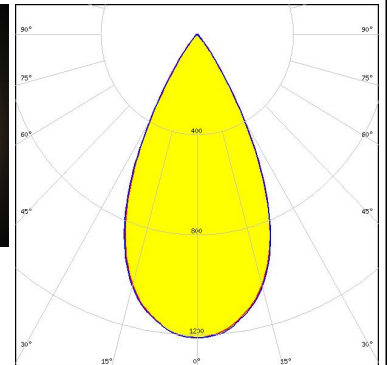
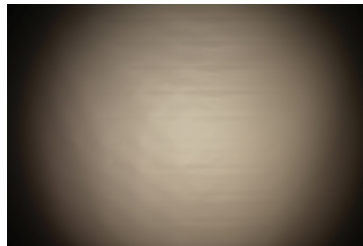
LED V4 HD Gen 7  
 FWHM / FWTM 52.0° / 72.0°  
 Efficiency 85 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15253\_HEKLA-SOCKET-A



Light distribution files

bridgelux

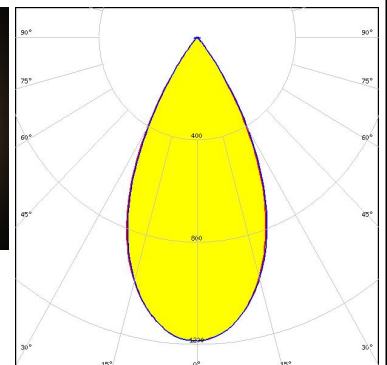
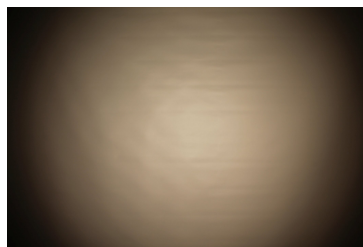
LED V6 HD Gen 7  
 FWHM / FWTM 52.0° / 73.0°  
 Efficiency 83 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



Light distribution files

bridgelux

LED V9 HD Gen7  
 FWHM / FWTM 52.0° / 74.0°  
 Efficiency 81 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15859\_HEKLA-SOCKET-I

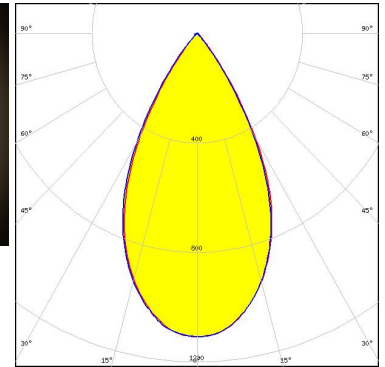
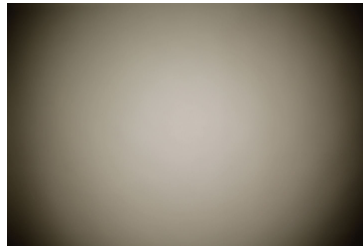


Light distribution files

### OPTICAL RESULTS (MEASURED):



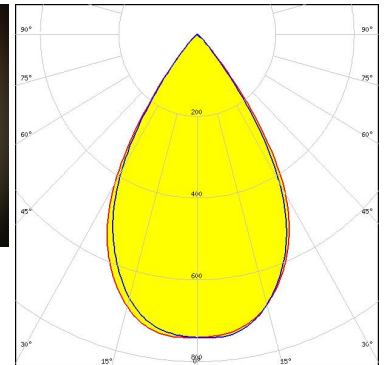
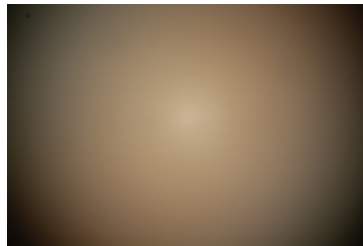
**LED** VERO10  
**FWHM / FWTM** 55.0° / 78.0°  
**Efficiency** 83 %  
**Peak intensity** 6.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



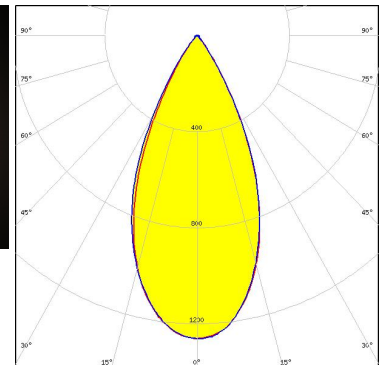
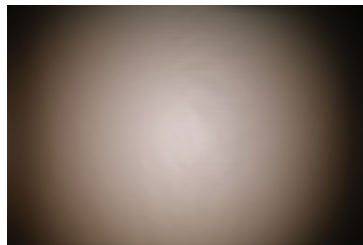
**LED** Vesta DTW 13mm (21W)  
**FWHM / FWTM** 64.0° / 84.0°  
**Efficiency** 70 %  
**Peak intensity** 0.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 491 Typ L8



Light distribution files



**LED** Vesta DTW 9mm (4W/6W/12W)  
**FWHM / FWTM** 48.0° / 71.0°  
**Efficiency** 76 %  
**Peak intensity** 1.3 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 490 Typ L8

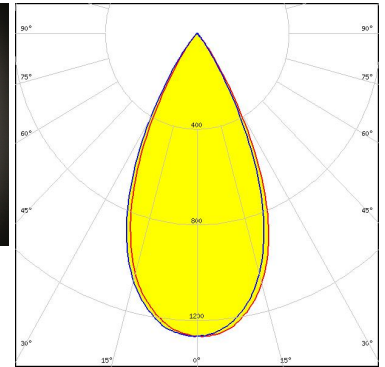
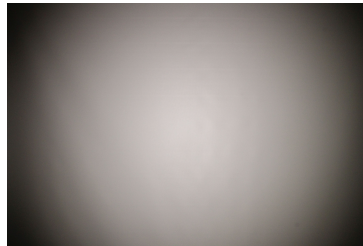


Light distribution files

### OPTICAL RESULTS (MEASURED):



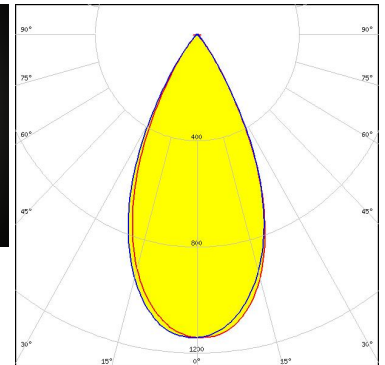
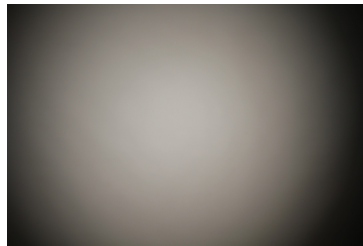
**LED** Vesta TW 6mm DP  
**FWHM / FWTM** 50.0° / 72.0°  
**Efficiency** 81 %  
**Peak intensity** 1.3 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 504 Typ L8



Light distribution files



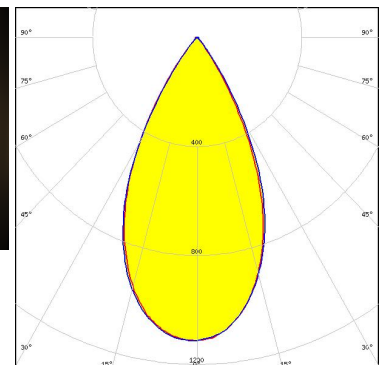
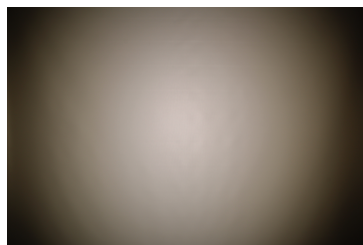
**LED** Vesta TW 9mm (12W) CSP  
**FWHM / FWTM** 50.0° / 73.0°  
**Efficiency** 75 %  
**Peak intensity** 1.1 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K



Light distribution files



**LED** Vesta TW 9mm (9W) DP  
**FWHM / FWTM** 52.0° / 75.0°  
**Efficiency** 77 %  
**Peak intensity** 1.1 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 489 Typ L8

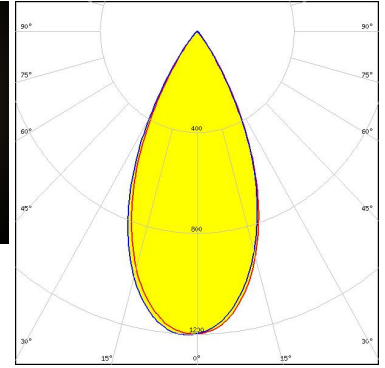
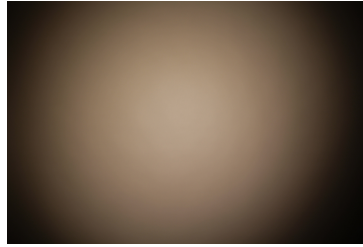


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### CITIZEN

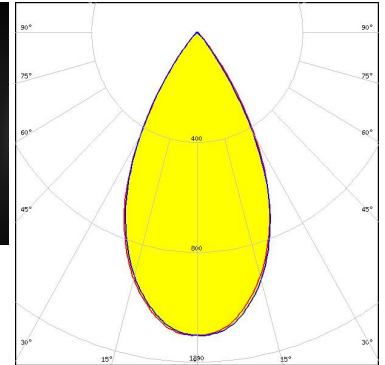
LED CLC020 Series (Dim-To-Warm)  
FWHM / FWTM 48.0° / 72.0°  
Efficiency 75 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16142\_HEKLA-SOCKET-K



Light distribution files

#### CITIZEN

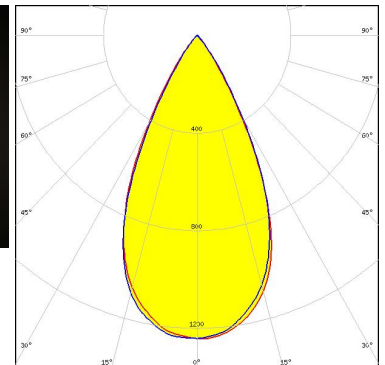
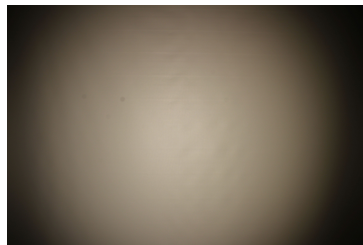
LED CLL02x/CLU02x (LES10)  
FWHM / FWTM 54.0° / 78.0°  
Efficiency 82 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C



Light distribution files

#### CITIZEN

LED CLU700/701/702/703  
FWHM / FWTM 52.0° / 74.0°  
Efficiency 85 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C

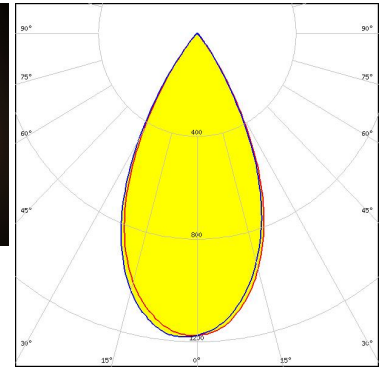
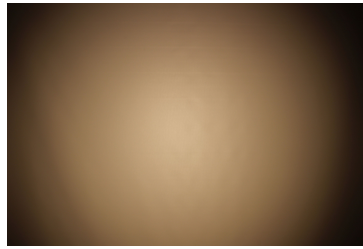


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### CITIZEN

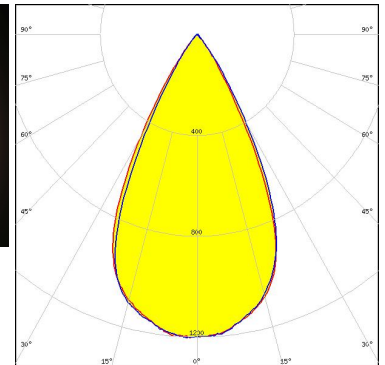
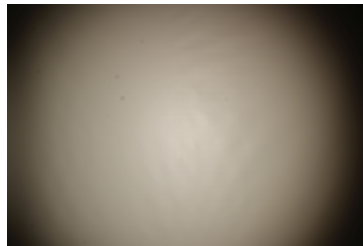
LED CLU710/711  
FWHM / FWTM 52.0° / 75.0°  
Efficiency 81 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I



Light distribution files

#### CITIZEN

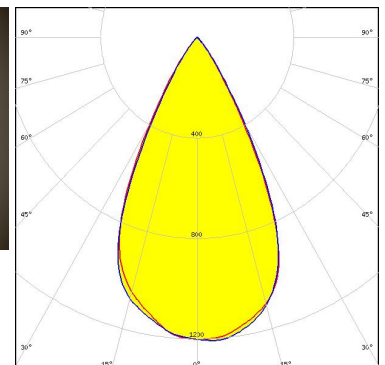
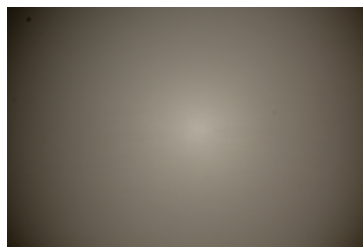
LED CLU7A2/7A3  
FWHM / FWTM 54.0° / 73.0°  
Efficiency 86 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C



Light distribution files

#### CITIZEN

LED CLU7B2  
FWHM / FWTM 53.0° / 73.0°  
Efficiency 86 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

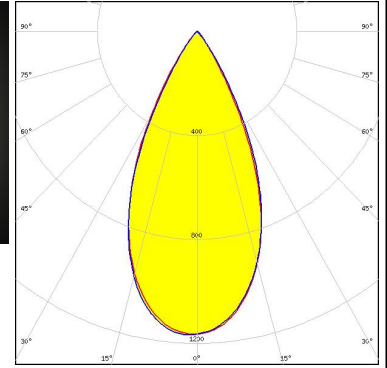


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### CITIZEN

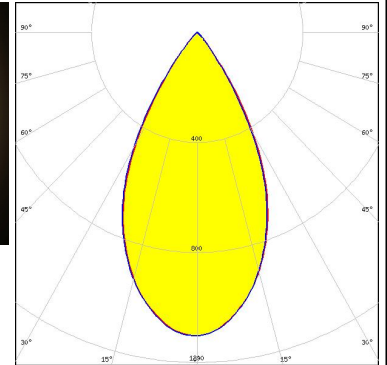
LED LCN-C01B (Tunable White)  
 FWHM / FWTM 49.0° / 72.0°  
 Efficiency 74 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



Light distribution files



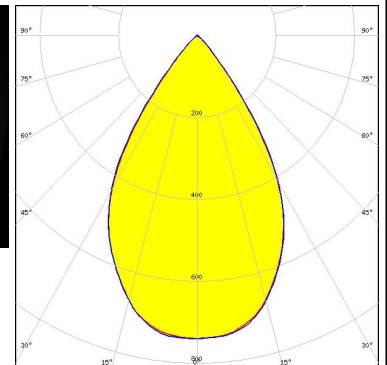
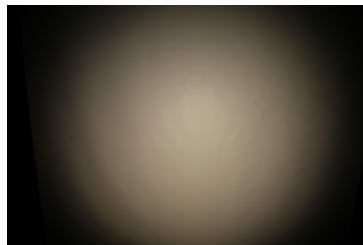
LED CMA1516  
 FWHM / FWTM 55.0° / 78.0°  
 Efficiency 82 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15256\_HEKLA-SOCKET-D



Light distribution files



LED LUXEON CX Plus CoB L08 (Gen2)  
 FWHM / FWTM 64.0° / 85.0°  
 Efficiency 71 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 Bender Wirth: 637a Hekla



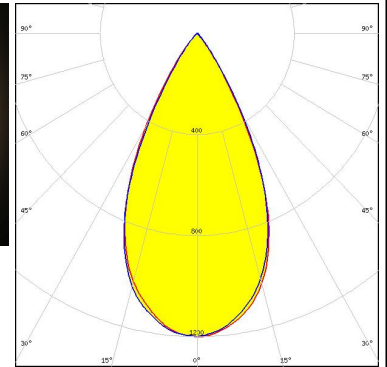
Light distribution files



### OPTICAL RESULTS (MEASURED):



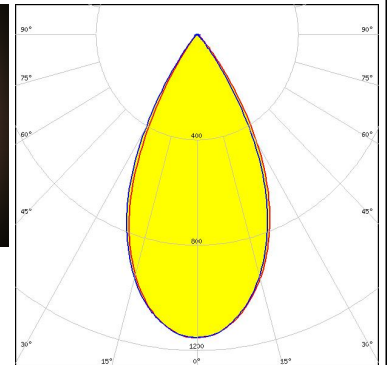
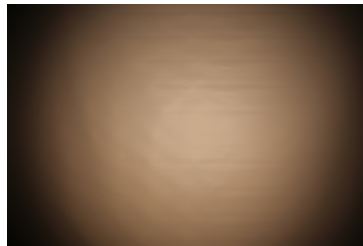
**LED** LUXEON CoB 1202HD  
**FWHM / FWTM** 52.0° / 74.0°  
**Efficiency** 82 %  
**Peak intensity** 1.2 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15848\_HEKLA-SOCKET-G



Light distribution files



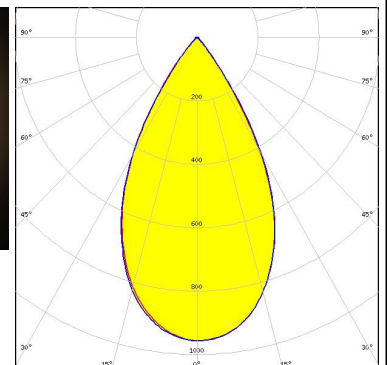
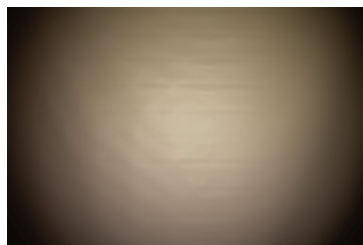
**LED** LUXEON CoB 1204HD  
**FWHM / FWTM** 53.0° / 75.0°  
**Efficiency** 81 %  
**Peak intensity** 1.2 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15858\_HEKLA-SOCKET-H



Light distribution files



**LED** LUXEON CoB 1205HD  
**FWHM / FWTM** 56.0° / 79.0°  
**Efficiency** 76 %  
**Peak intensity** 1 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15858\_HEKLA-SOCKET-H

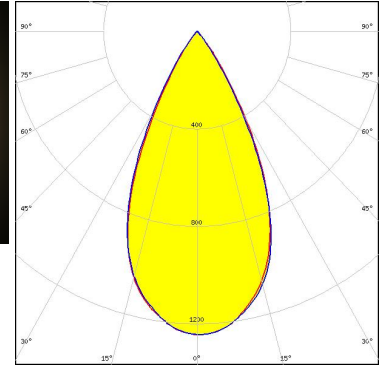


Light distribution files

### OPTICAL RESULTS (MEASURED):



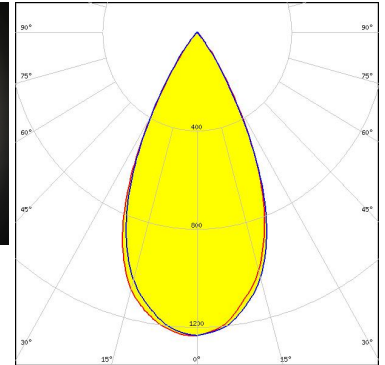
LED LUXEON CX Plus CoB - HD S01H4  
FWHM / FWTM 51.0° / 73.0°  
Efficiency 82 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
Bender Wirth: 634c Hekla



Light distribution files



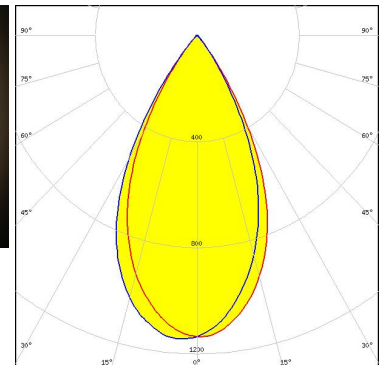
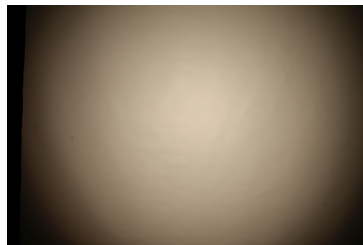
LED LUXEON CX Plus CoB - HD S02H6  
FWHM / FWTM 51.0° / 73.0°  
Efficiency 81 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
Bender Wirth: 634c Hekla



Light distribution files



LED LUXEON CX Plus CoB - HD S04H9  
FWHM / FWTM 53.0° / 76.0°  
Efficiency 81 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
Bender Wirth: 634c Hekla

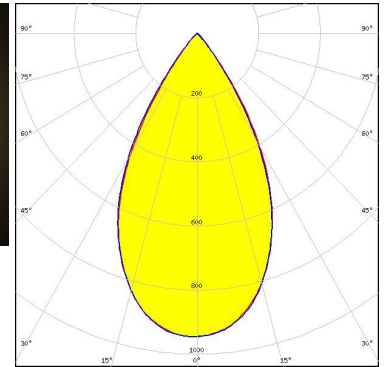


Light distribution files

#### OPTICAL RESULTS (MEASURED):



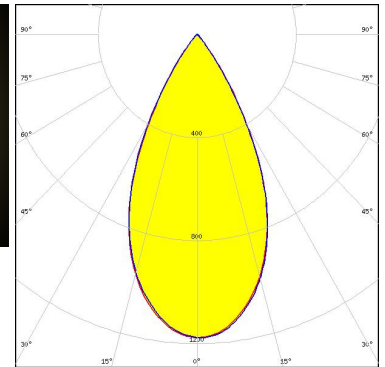
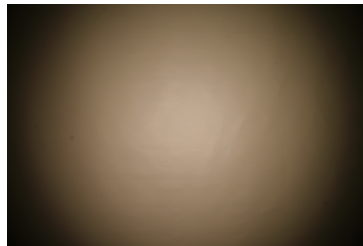
LED LUXEON CX Plus CoB L04 / L05 (Gen2)  
 FWHM / FWTM 57.0° / 80.0°  
 Efficiency 76 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 Bender Wirth: 637a Hekla



Light distribution files



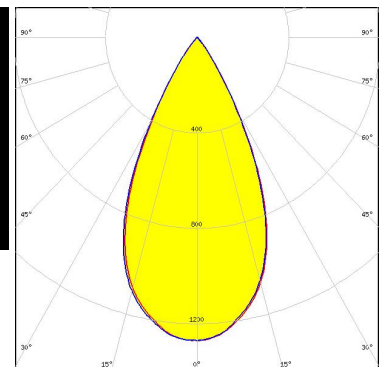
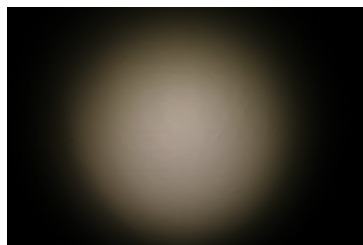
LED LUXEON CX Plus CoB M02 / M03 (Gen2)  
 FWHM / FWTM 52.0° / 75.0°  
 Efficiency 80 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 Bender Wirth: 641a Hekla



Light distribution files



LED LUXEON CX Plus CoB S01 (Gen2)  
 FWHM / FWTM 51.0° / 72.0°  
 Efficiency 83 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 Bender Wirth: 634c Hekla

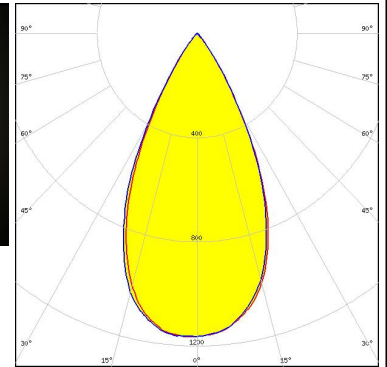


Light distribution files

### OPTICAL RESULTS (MEASURED):



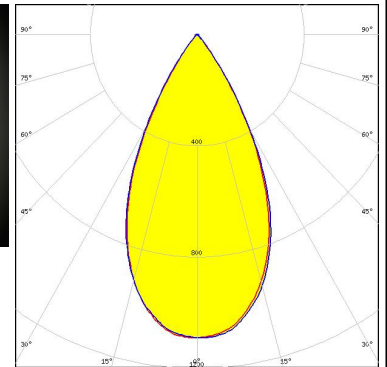
LED CDM-6 (Dim-To-Warm)  
FWHM / FWTM 51.0° / 73.0°  
Efficiency 78 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 490 Typ L8



Light distribution files



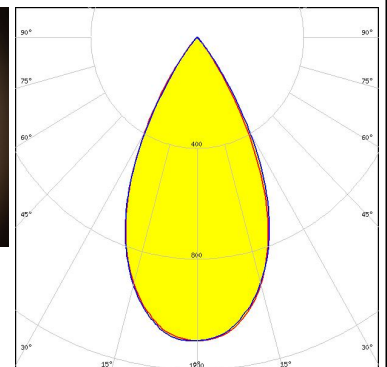
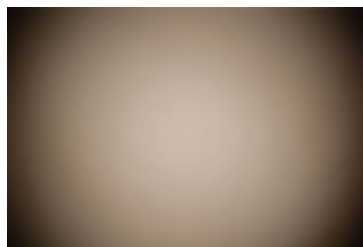
LED CDM-9 (Dim-To-Warm)  
FWHM / FWTM 53.0° / 75.0°  
Efficiency 77 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 490 Typ L8



Light distribution files



LED CTM-9 (Tunable White)  
FWHM / FWTM 53.0° / 75.0°  
Efficiency 77 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 495 Typ L8

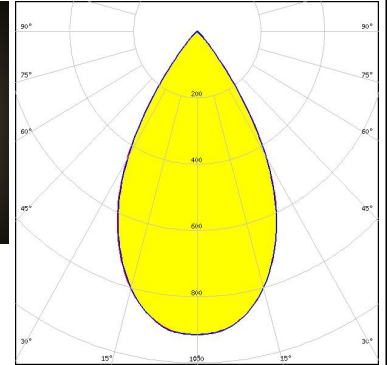
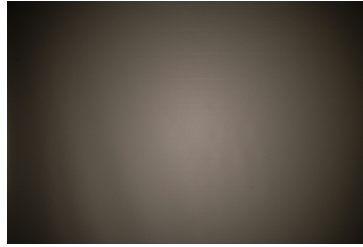


Light distribution files

### OPTICAL RESULTS (MEASURED):



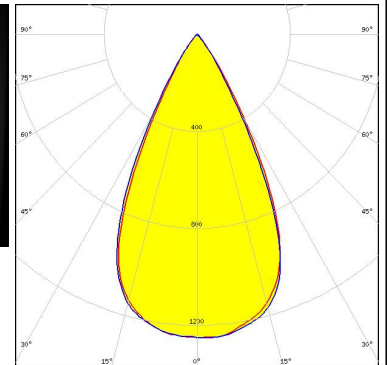
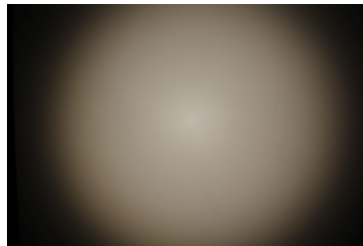
LED CxM-11 (19x19)  
 FWHM / FWTM 58.0° / 81.0°  
 Efficiency 76 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



Light distribution files



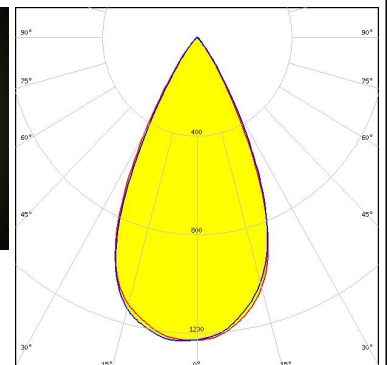
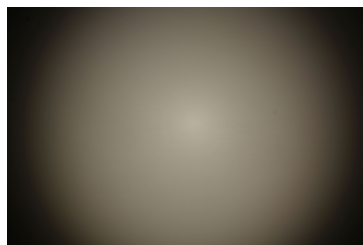
LED CXM-3  
 FWHM / FWTM 53.0° / 72.0°  
 Efficiency 88 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



Light distribution files



LED CXM-4  
 FWHM / FWTM 52.0° / 73.0°  
 Efficiency 85 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C

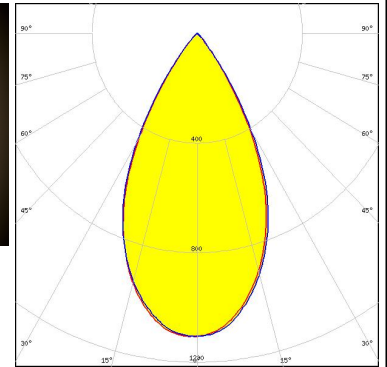


Light distribution files

### OPTICAL RESULTS (MEASURED):



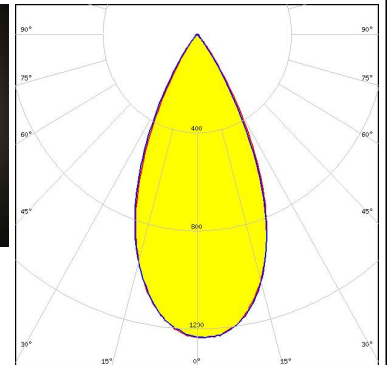
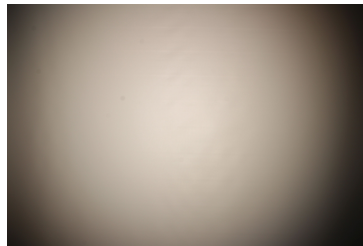
LED CxM-9 (13.5x13.5)  
 FWHM / FWTM 53.0° / 77.0°  
 Efficiency 81 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



Light distribution files



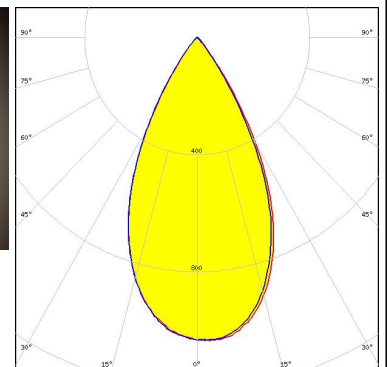
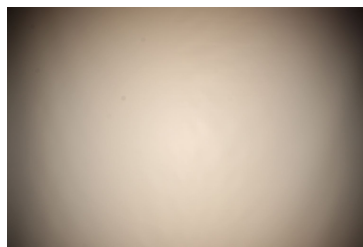
LED NJCWL024Z-V1MT: COB L-Type Tunable White  
 FWHM / FWTM 48.0° / 71.0°  
 Efficiency 76 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 497 Typ L8



Light distribution files



LED NVCWJ024Z-V1MT: COB J-Type Tunable White  
 FWHM / FWTM 53.0° / 76.0°  
 Efficiency 74 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 498 Typ L8

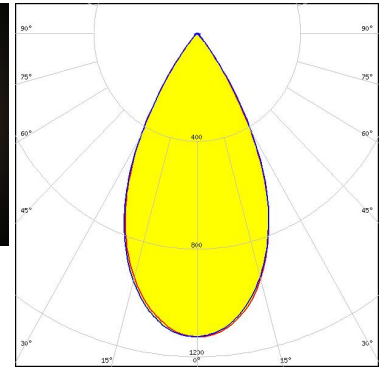


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### PHILIPS

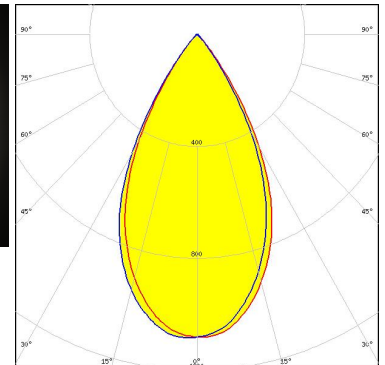
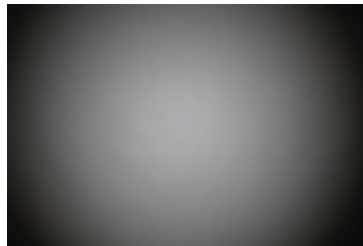
LED Fortimo SLM L09 CoB  
 FWHM / FWTM 54.0° / 76.0°  
 Efficiency 81 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15858\_HEKLA-SOCKET-H



Light distribution files

#### SAMSUNG

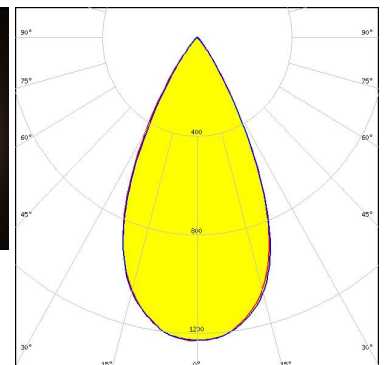
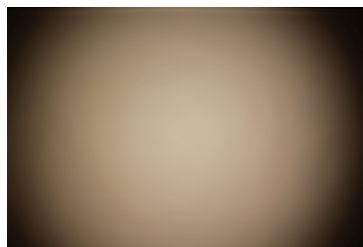
LED LC003D / LC006D / LC009D / LC013D  
 FWHM / FWTM 55.0° / 78.0°  
 Efficiency 82 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



Light distribution files

#### SAMSUNG

LED LC010C G2  
 FWHM / FWTM 52.0° / 74.0°  
 Efficiency 84 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C

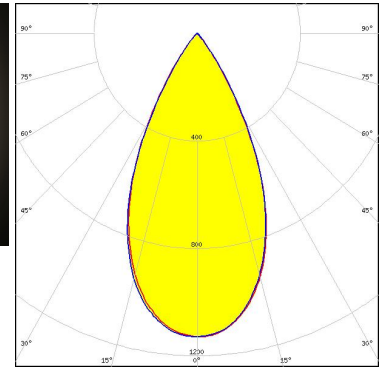


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

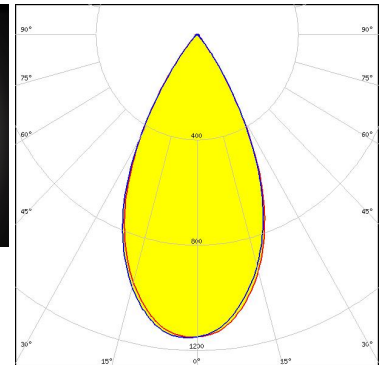
LED LC010T (Tunable White)  
 FWHM / FWTM 51.0° / 74.0°  
 Efficiency 76 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 501 Typ L8



Light distribution files

#### SAMSUNG

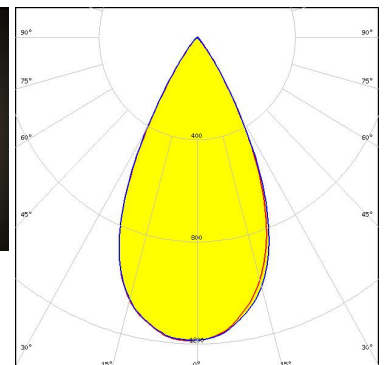
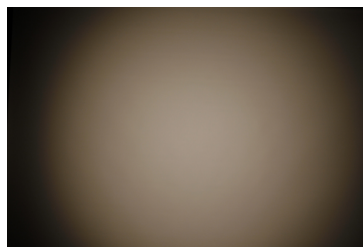
LED LC020C G2  
 FWHM / FWTM 52.0° / 75.0°  
 Efficiency 80 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



Light distribution files



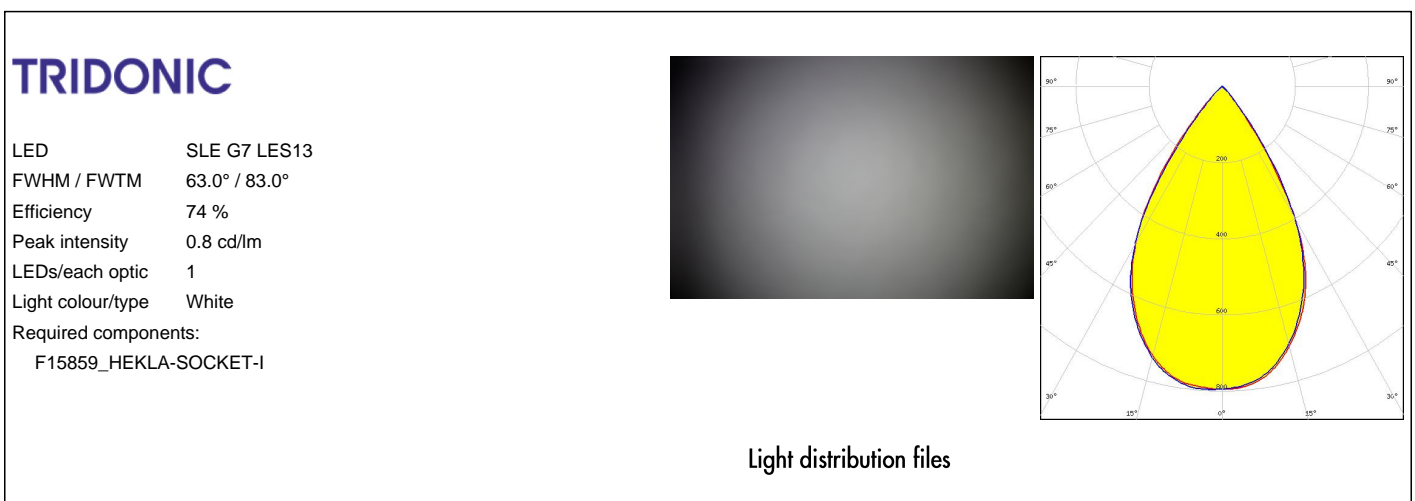
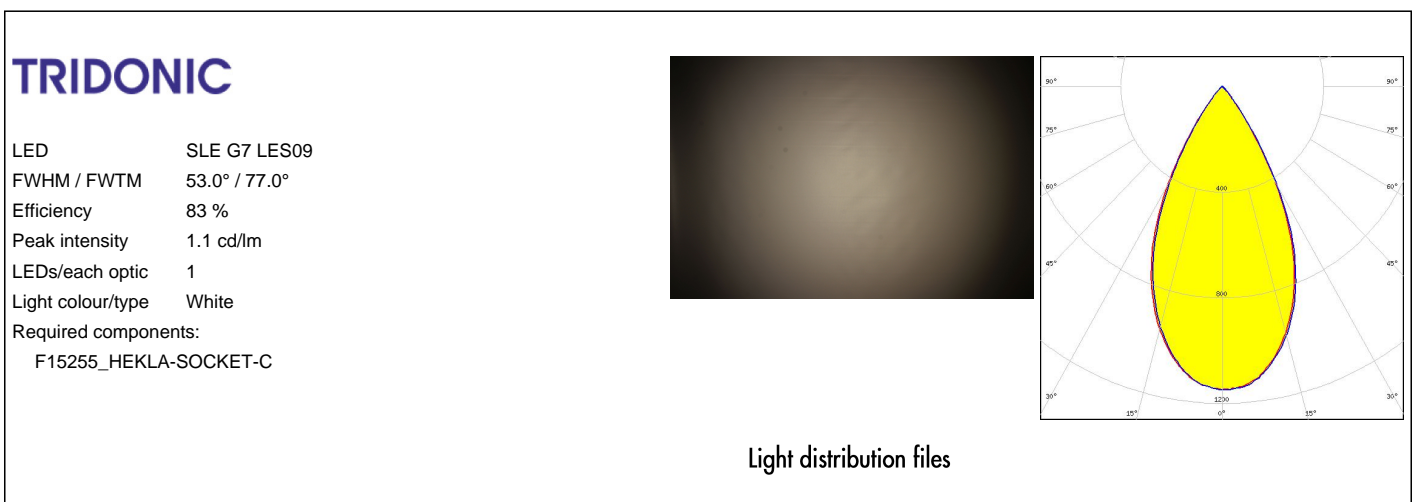
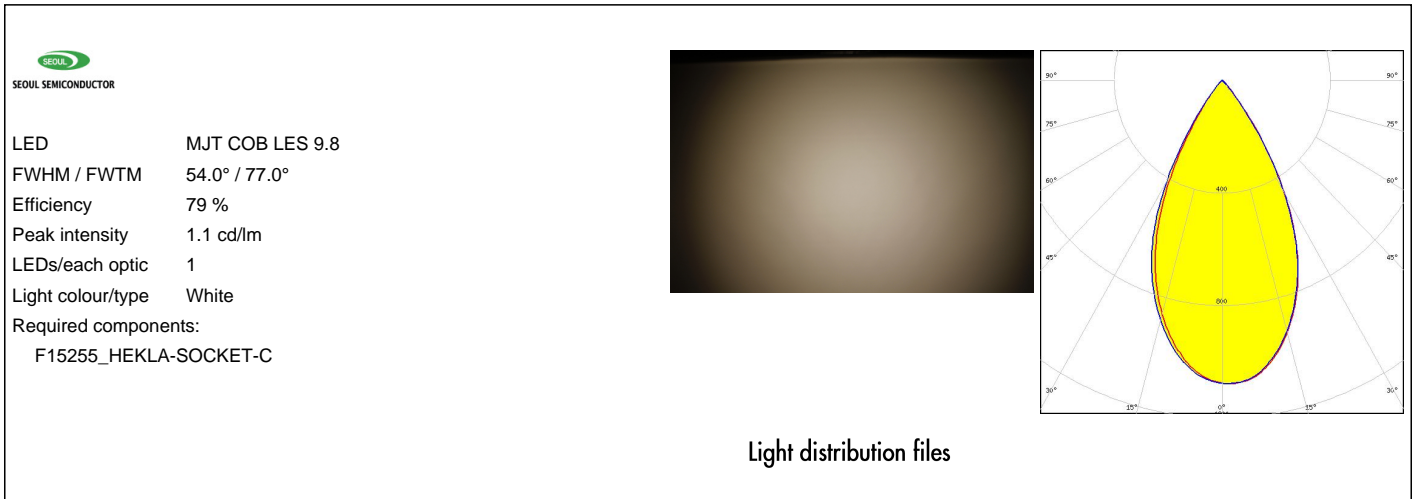
LED MJT COB LES 6  
 FWHM / FWTM 52.0° / 73.0°  
 Efficiency 82 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



Light distribution files



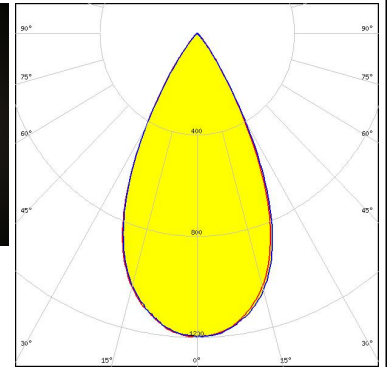
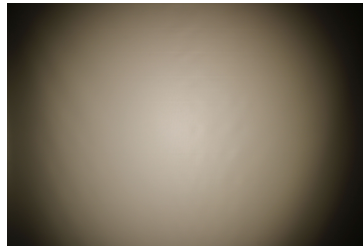
### OPTICAL RESULTS (MEASURED):



#### OPTICAL RESULTS (MEASURED):

### XICATO

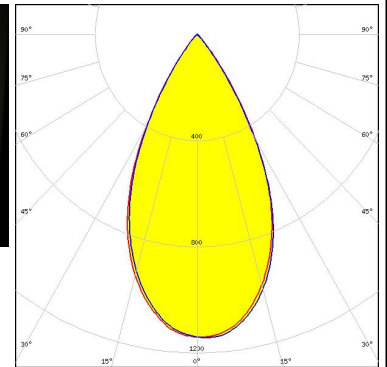
LED XOB 6 mm  
 FWHM / FWTM 53.0° / 74.0°  
 Efficiency 83 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



Light distribution files

### XICATO

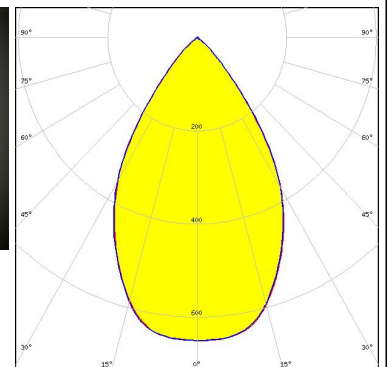
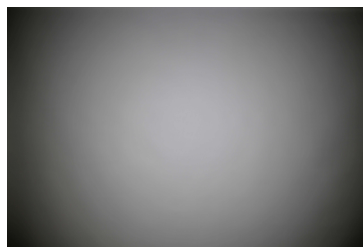
LED XOB 9.8 mm  
 FWHM / FWTM 53.0° / 77.0°  
 Efficiency 83 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



Light distribution files

### XICATO

LED XTM - 19mm LES  
 FWHM / FWTM 64.0° / 91.0°  
 Efficiency 66 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16058\_XTM-ADAPTER-50-C

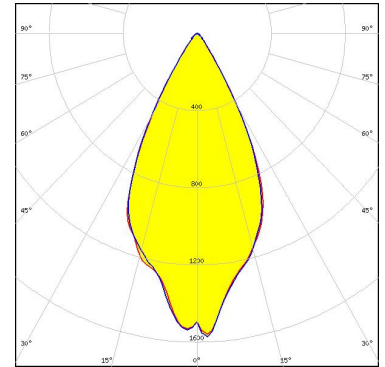


Light distribution files

### OPTICAL RESULTS (SIMULATED):



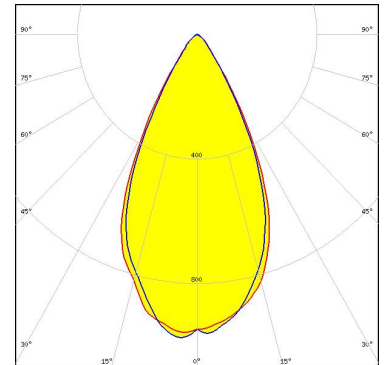
LED VERO10  
FWHM / FWTM 50.7° / 72.0°  
Efficiency 0 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15616\_HEKLA-SOCKET-F



Light distribution files



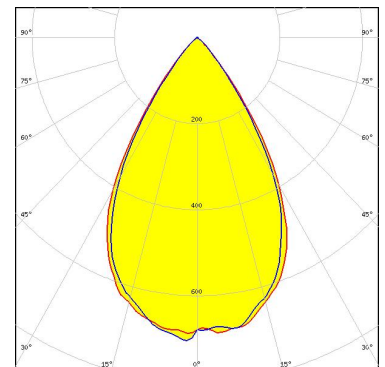
LED VERO13  
FWHM / FWTM 52.0° / 76.0°  
Efficiency 72 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16142\_HEKLA-SOCKET-K



Light distribution files

### CITIZEN

LED CLL03x/CLU03x  
FWHM / FWTM 63.0° / 85.0°  
Efficiency 66 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I

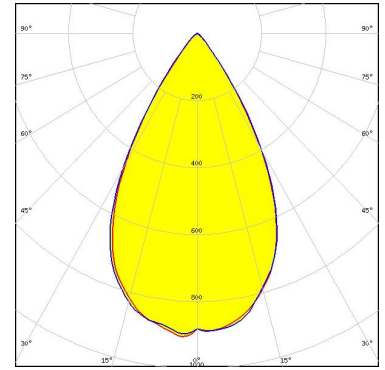


Light distribution files

### OPTICAL RESULTS (SIMULATED):



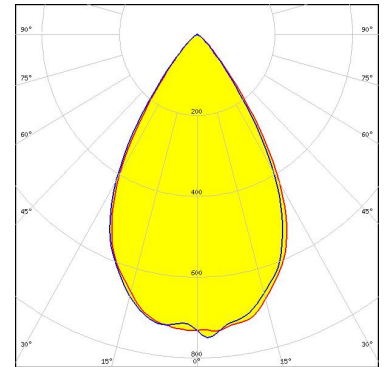
LED CMA1825  
FWHM / FWTM 59.0° / 80.0°  
Efficiency 77 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



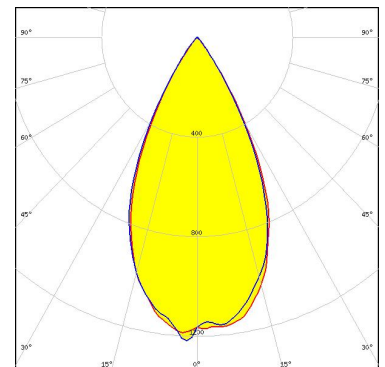
LED CMA1840  
FWHM / FWTM 62.0° / 87.0°  
Efficiency 72 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED CMT14xx  
FWHM / FWTM 52.0° / 73.0°  
Efficiency 80 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C

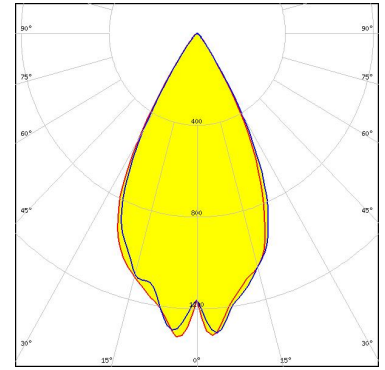


Light distribution files

### OPTICAL RESULTS (SIMULATED):



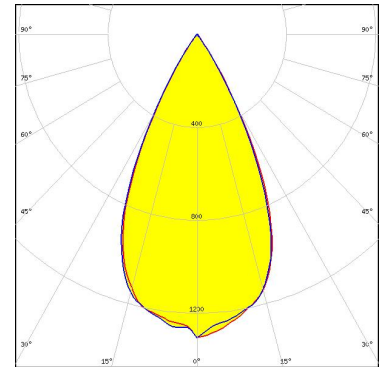
LED CXA/B 15xx  
FWHM / FWTM 53.5° / 72.5°  
Efficiency 0 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15256\_HEKLA-SOCKET-D



Light distribution files



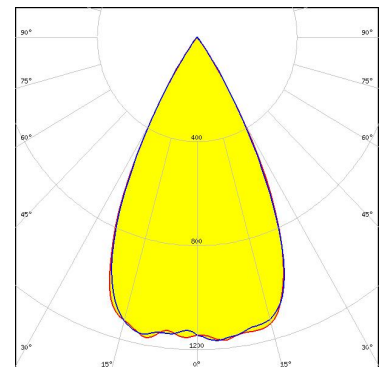
LED CxM-6 (13.5x13.5)  
FWHM / FWTM 52.0° / 69.0°  
Efficiency 83 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



Light distribution files



LED COB T-Type  
FWHM / FWTM 54.0° / 69.0°  
Efficiency 84 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15848\_HEKLA-SOCKET-G

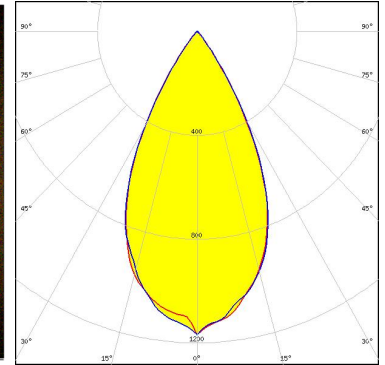
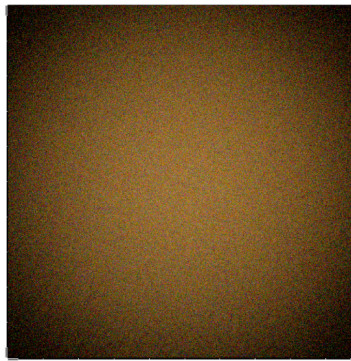


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

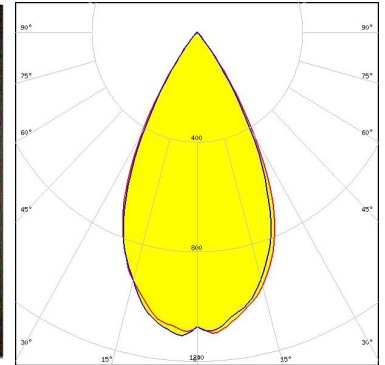
LED LC003D / LC006D / LC009D / LC013D  
FWHM / FWTM 52.0° / 74.0°  
Efficiency 80 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



Light distribution files

#### SAMSUNG

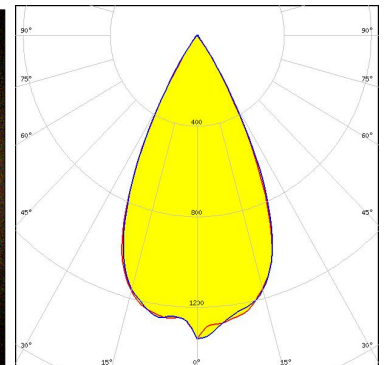
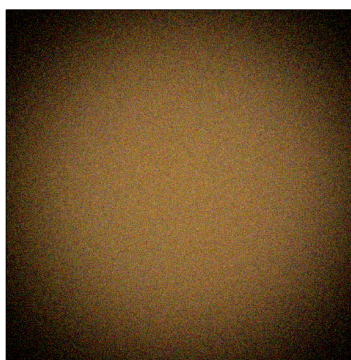
LED LC003D / LC006D / LC009D / LC013D  
FWHM / FWTM 55.0° / 75.0°  
Efficiency 80 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



Light distribution files

#### SAMSUNG

LED LC010C  
FWHM / FWTM 51.0° / 68.0°  
Efficiency 85 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

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

#### LEDiL Oy

Joensuunkatu 13  
FI-24240 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/  
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)