

## WINNIE-O-C

~60° + 20° oval beam with holder C compatible  
with LEDiL HEKLA

### TECHNICAL SPECIFICATIONS:

|                |           |
|----------------|-----------|
| Dimensions     | Ø 50.0 mm |
| Height         | 19.5 mm   |
| Fastening      | socket    |
| ROHS compliant | yes ⓘ     |

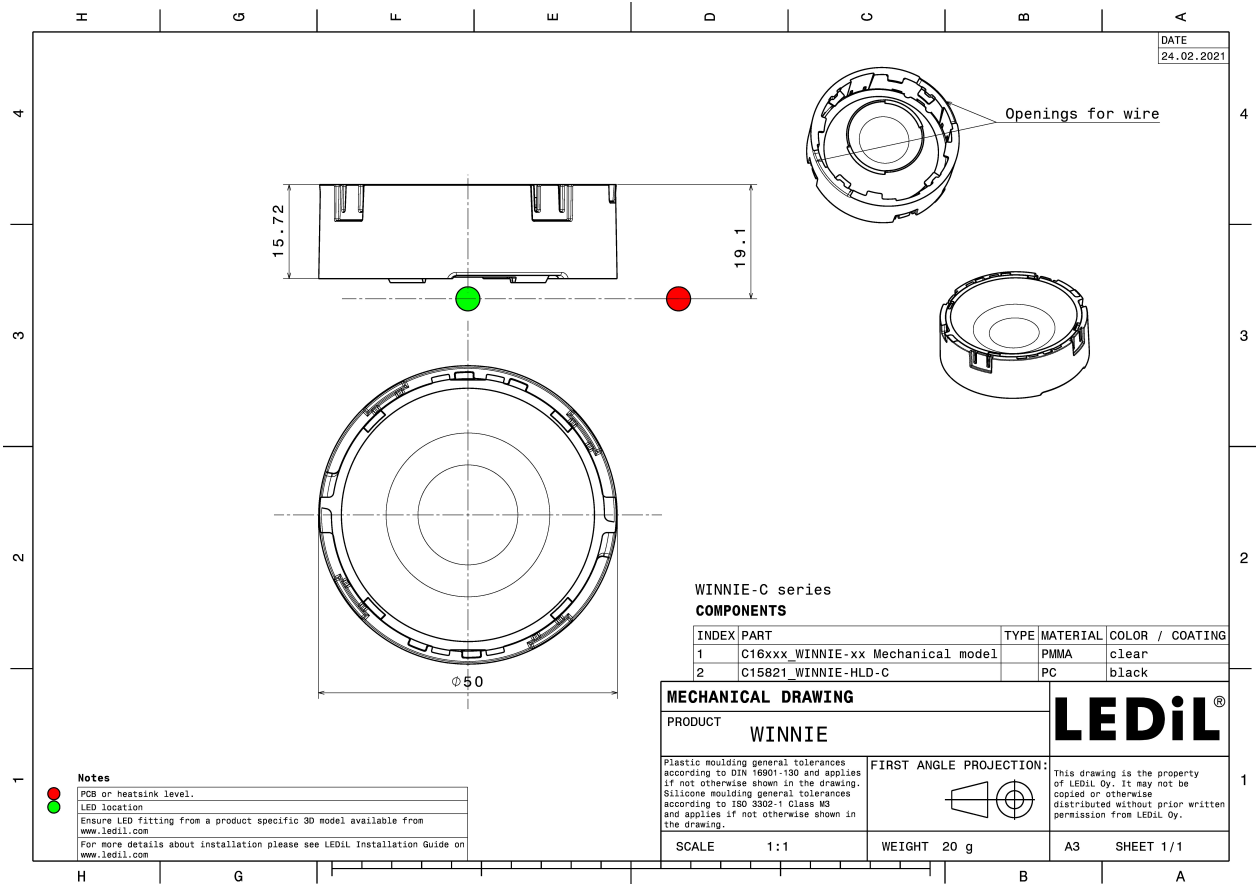
### MATERIAL SPECIFICATIONS:

| Component    | Type        | Material | Colour | Finish |
|--------------|-------------|----------|--------|--------|
| WINNIE-O     | Single lens | PMMA     | clear  |        |
| WINNIE-HLD-C | Holder      | PC       | black  |        |

### ORDERING INFORMATION:

| Component          |             | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------|-------------|------------|-----|-----|-----------------|
| CN15826_WINNIE-O-C | Single lens | 364        | 84  | 28  | 0.0             |
| » Box size:        |             |            |     |     |                 |





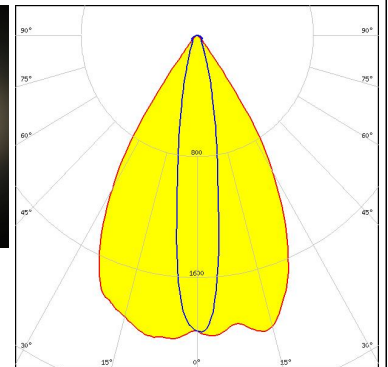
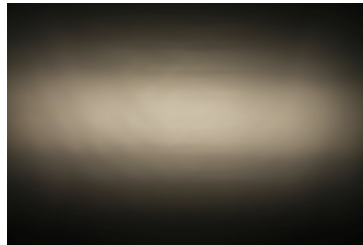
See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)



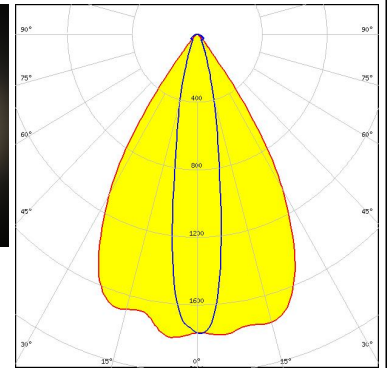
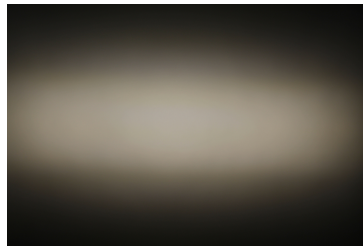
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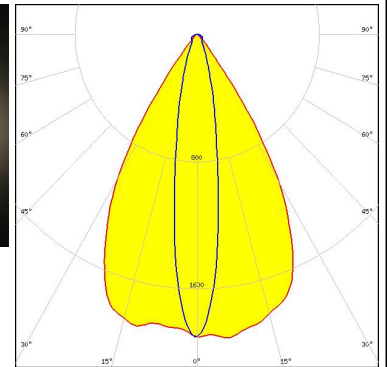
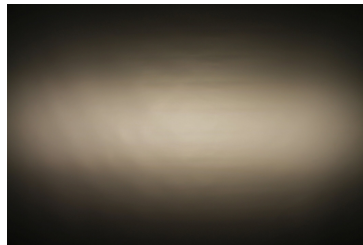
LED V4 HD  
FWHM / FWTM 62.0 + 16.0° / 77.0 + 40.0°  
Efficiency 83 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15253\_HEKLA-SOCKET-A



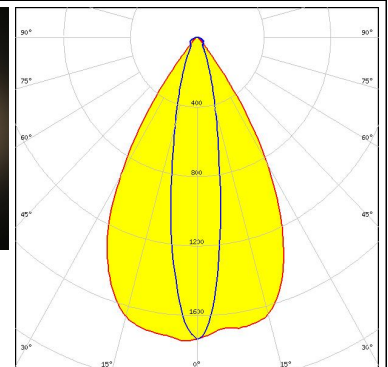
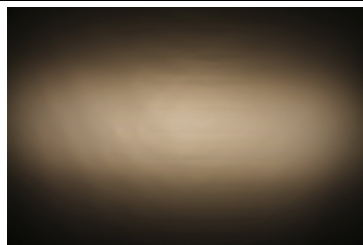
LED V6 Gen6  
FWHM / FWTM 64.0 + 18.0° / 79.0 + 43.0°  
Efficiency 82 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15253\_HEKLA-SOCKET-A



LED V6 HD  
FWHM / FWTM 62.0 + 17.0° / 78.0 + 43.0°  
Efficiency 83 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15255\_HEKLA-SOCKET-C



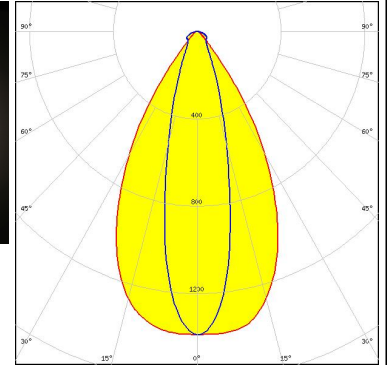
LED V9 HD  
FWHM / FWTM 60.0 + 19.0° / 79.0 + 48.0°  
Efficiency 83 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15859\_HEKLA-SOCKET-I



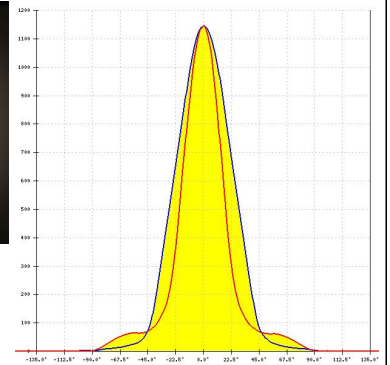
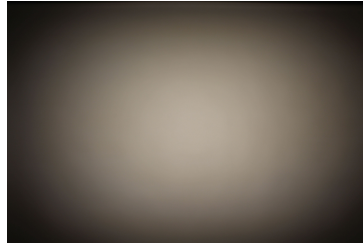
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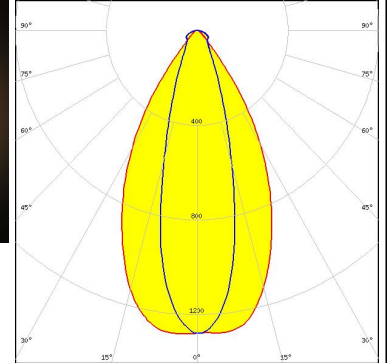
LED VERO13  
FWHM / FWTM 58.0 + 25.0° / 82.0 + 56.0°  
Efficiency 81 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16142\_HEKLA-SOCKET-K



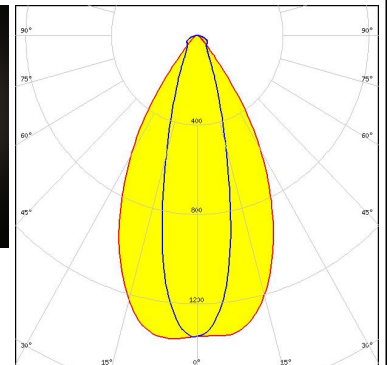
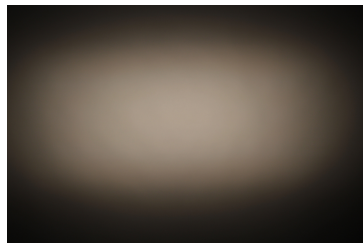
LED VERO18  
FWHM / FWTM 52.0 + 34.0° / 85.0 + 69.0°  
Efficiency 79 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16142\_HEKLA-SOCKET-K



LED Vesta DTW 13mm (21W)  
FWHM / FWTM 56.0 + 28.0° / 82.0 + 59.0°  
Efficiency 79 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 491 Typ L8



LED Vesta TW 13mm (25W) CSP  
FWHM / FWTM 57.0 + 26.0° / 81.0 + 57.0°  
Efficiency 80 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 492 Typ L8



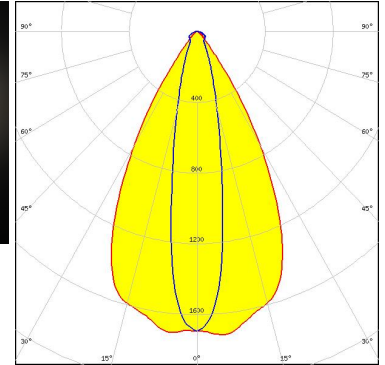
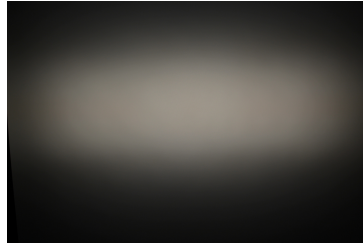
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LED Vesta TW 6mm DP  
 FWHM / FWTM 59.0 + 16.0° / 77.0 + 42.0°  
 Efficiency 80 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 504 Typ L8

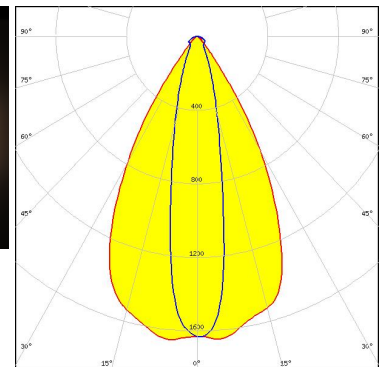


LED Vesta TW 9mm (12W) CSP  
 FWHM / FWTM 57.0 + 20.0° / 78.0 + 49.0°  
 Efficiency 81 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



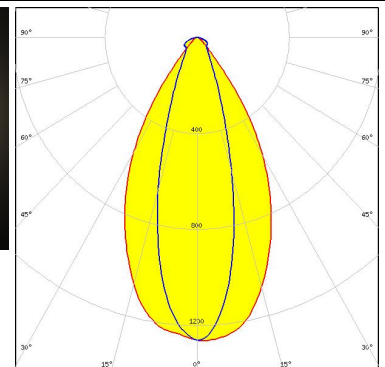
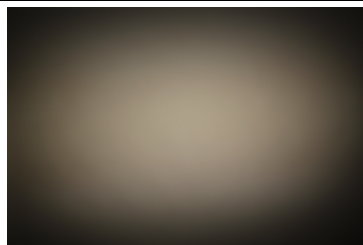
#### CITIZEN

LED CLC020 Series (Dim-To-Warm)  
 FWHM / FWTM 58.0 + 20.0° / 78.0 + 49.0°  
 Efficiency 81 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



#### CITIZEN

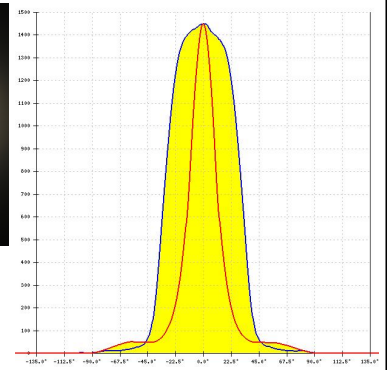
LED CLC030 Series (Dim-To-Warm)  
 FWHM / FWTM 56.0 + 30.0° / 83.0 + 61.0°  
 Efficiency 79 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



#### PHOTOMETRIC DATA (MEASURED):

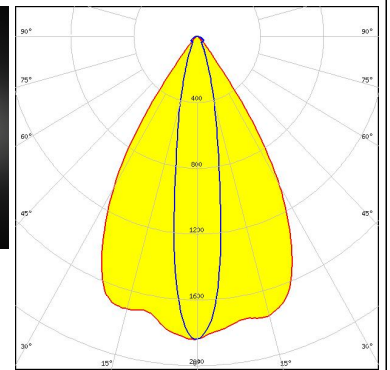
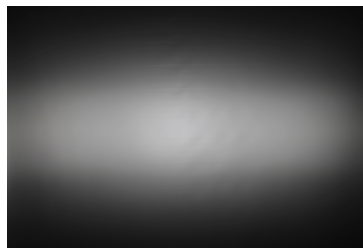
#### CITIZEN

LED CLL02x/CLU02x (LES10)  
 FWHM / FWTM 63.0 + 23.0° / 81.0 + 52.0°  
 Efficiency 80 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



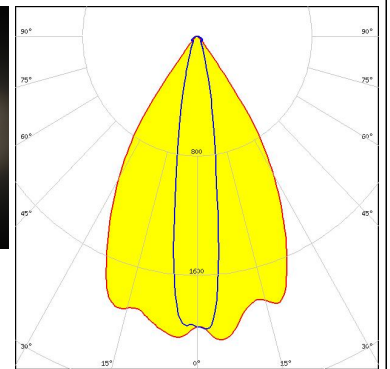
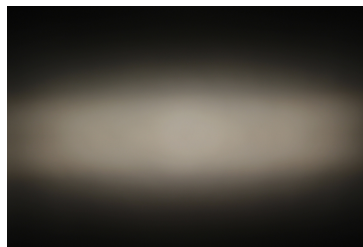
#### CITIZEN

LED CLU700/701/702  
 FWHM / FWTM 63.0 + 18.0° / 79.0 + 43.0°  
 Efficiency 82 %  
 Peak intensity 1.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



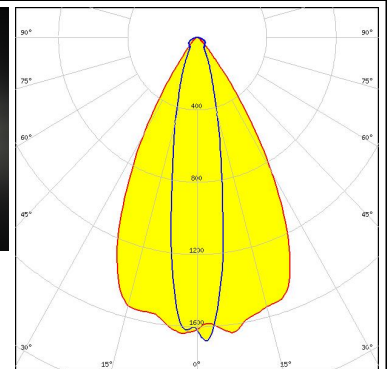
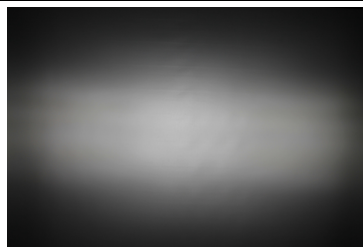
#### CITIZEN

LED CLU7A2 (LES 4.2mm)  
 FWHM / FWTM 62.0 + 17.0° / 78.0 + 37.0°  
 Efficiency 83 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



#### CITIZEN

LED LCN-C01B (Tunable White)  
 FWHM / FWTM 58.0 + 20.0° / 77.0 + 50.0°  
 Efficiency 81 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 481 Typ L8

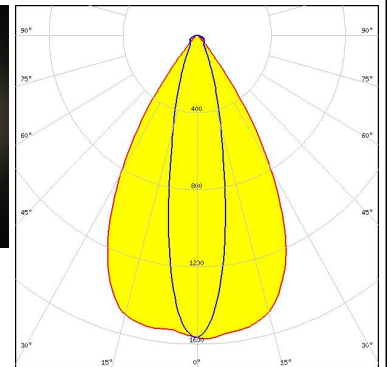




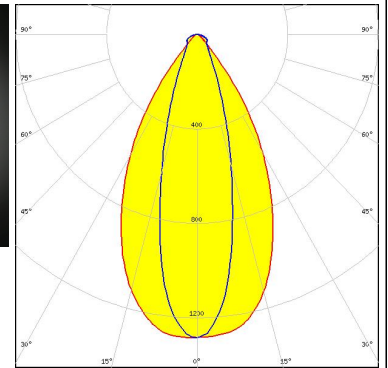
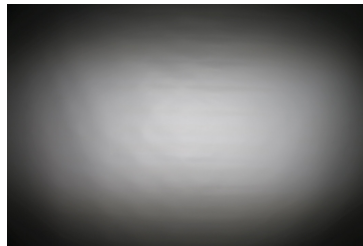
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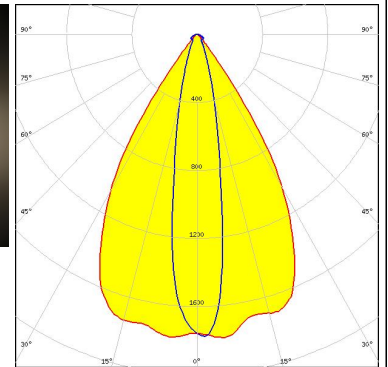
LED CMT14xx  
FWHM / FWTM 61.0 + 22.0° / 81.0 + 52.0°  
Efficiency 83 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15255\_HEKLA-SOCKET-C



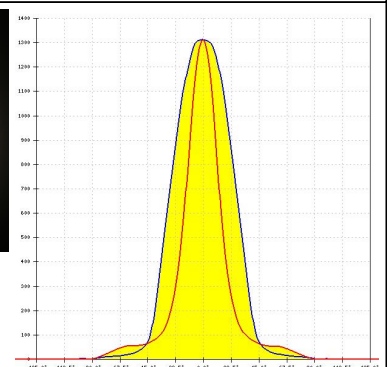
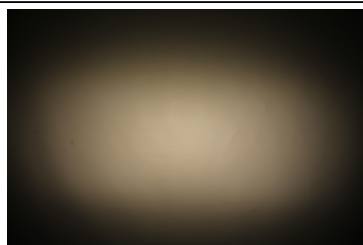
LED CMT19xx  
FWHM / FWTM 57.0 + 28.5° / 84.0 + 61.0°  
Efficiency 81 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15859\_HEKLA-SOCKET-I



LED CXA/B 13xx  
FWHM / FWTM 64.0 + 19.0° / 79.0 + 43.0°  
Efficiency 83 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15956\_HEKLA-SOCKET-J



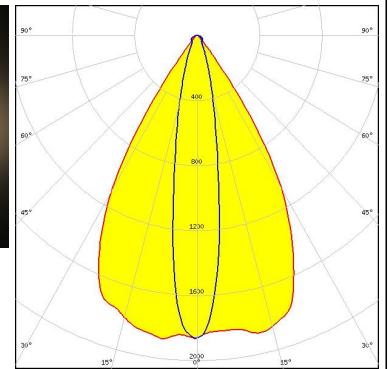
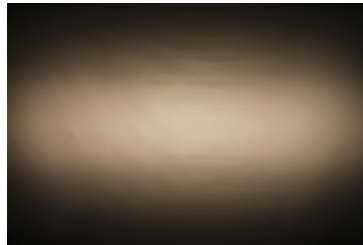
LED LUXEON CX Plus CoB L08 (Gen2)  
FWHM / FWTM 56.0 + 28.0° / 83.0 + 61.0°  
Efficiency 82 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 637a Hekla



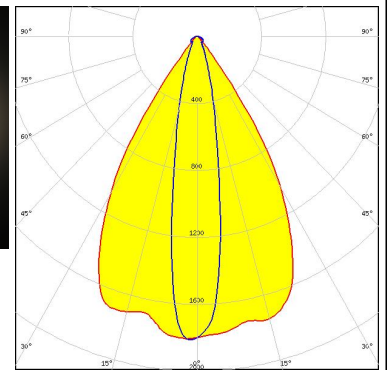
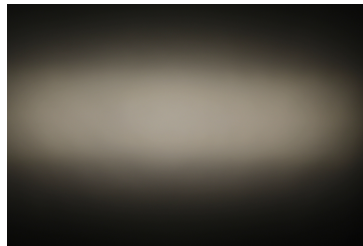
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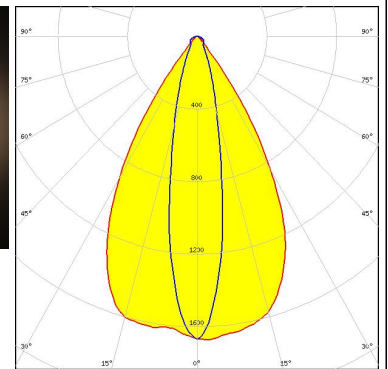
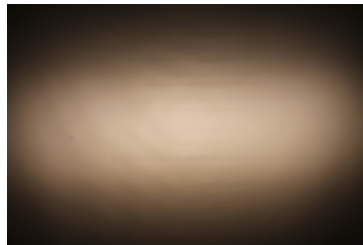
LED LUXEON CoB 1202HD  
 FWHM / FWTM 63.0 + 18.0° / 78.0 + 43.0°  
 Efficiency 83 %  
 Peak intensity 1.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15848\_HEKLA-SOCKET-G



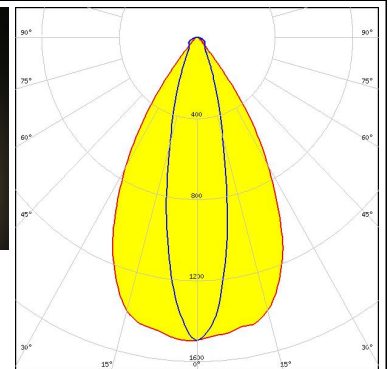
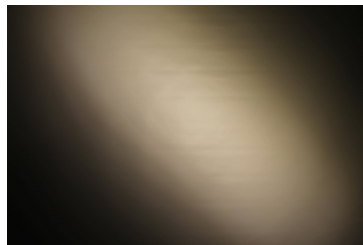
LED LUXEON CoB 1202s  
 FWHM / FWTM 64.0 + 18.0° / 79.0 + 43.0°  
 Efficiency 83 %  
 Peak intensity 1.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15848\_HEKLA-SOCKET-G



LED LUXEON CoB 1204HD  
 FWHM / FWTM 61.0 + 21.0° / 80.0 + 49.0°  
 Efficiency 83 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15858\_HEKLA-SOCKET-H



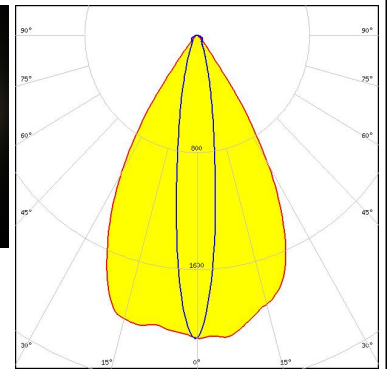
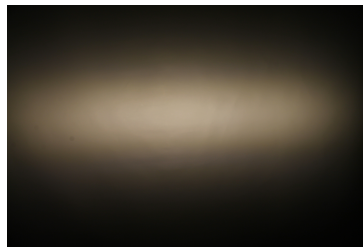
LED LUXEON CoB 1205HD  
 FWHM / FWTM 59.0 + 24.0° / 81.0 + 54.0°  
 Efficiency 83 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15858\_HEKLA-SOCKET-H



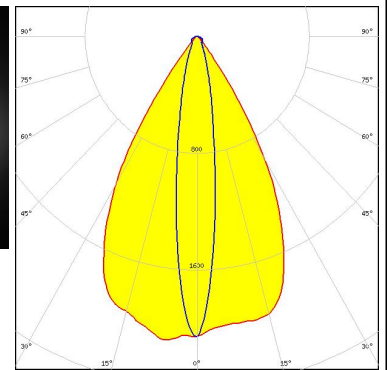
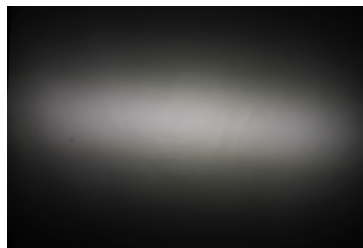
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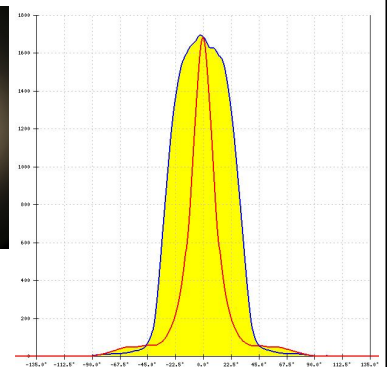
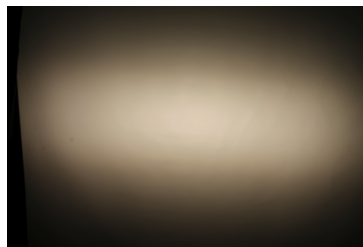
LED LUXEON CX Plus CoB - HD S01H4  
 FWHM / FWTM 61.0 + 16.0° / 77.0 + 40.0°  
 Efficiency 83 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 634c Hekla



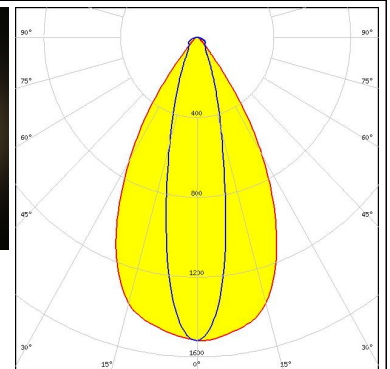
LED LUXEON CX Plus CoB - HD S01H6 / HD S02H6  
 FWHM / FWTM 61.0 + 16.0° / 77.0 + 41.0°  
 Efficiency 83 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 634c Hekla



LED LUXEON CX Plus CoB - HD S04H9  
 FWHM / FWTM 60.0 + 20.0° / 80.0 + 50.0°  
 Efficiency 83 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 634c Hekla



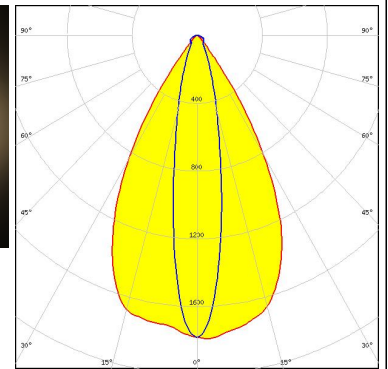
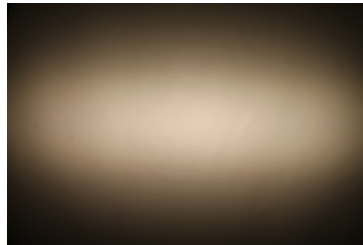
LED LUXEON CX Plus CoB L04 / L05 (Gen2)  
 FWHM / FWTM 58.0 + 23.0° / 81.0 + 54.0°  
 Efficiency 82 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 637a Hekla



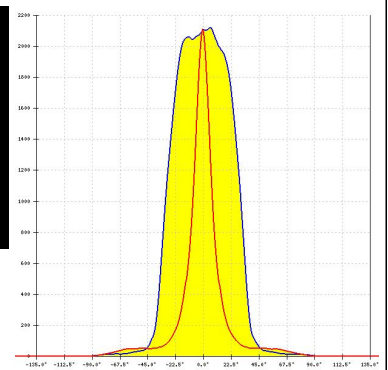
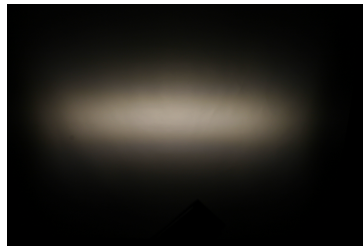
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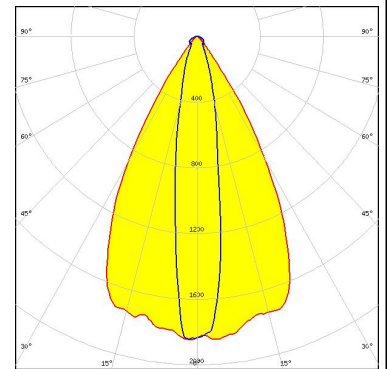
LED LUXEON CX Plus CoB M02 / M03 (Gen2)  
 FWHM / FWTM 58.0 + 19.0° / 78.0 + 48.0°  
 Efficiency 83 %  
 Peak intensity 1.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 641a Hekla



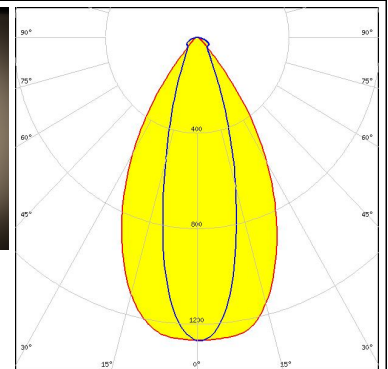
LED LUXEON CX Plus CoB S01 (Gen2)  
 FWHM / FWTM 60.0 + 16.0° / 77.0 + 40.0°  
 Efficiency 83 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 634c Hekla



LED LUXEON Fusion 12-up (20x24)  
 FWHM / FWTM 59.0 + 17.0° / 77.0 + 45.0°  
 Efficiency 82 %  
 Peak intensity 1.9 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 442 Typ L8



LED CxM-14 (19x19)  
 FWHM / FWTM 58.0 + 29.0° / 84.0 + 60.0°  
 Efficiency 81 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I

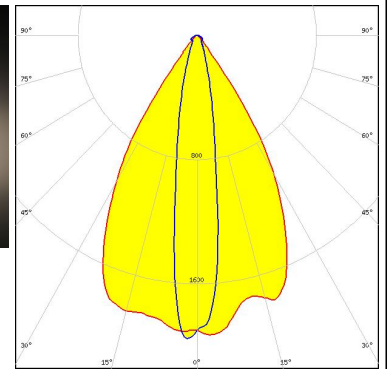
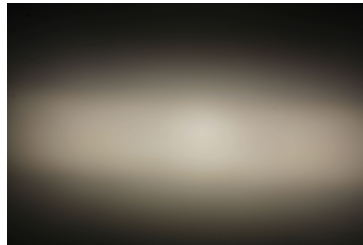




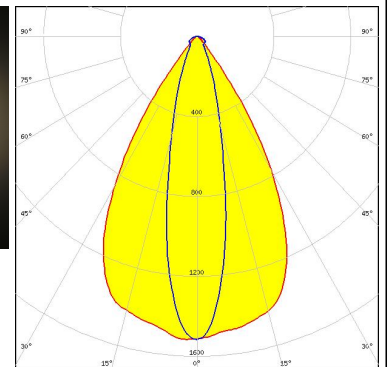
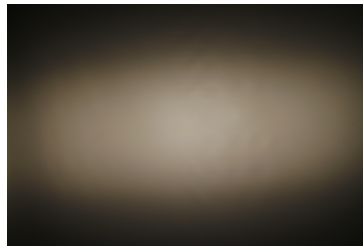
#### PHOTOMETRIC DATA (MEASURED):



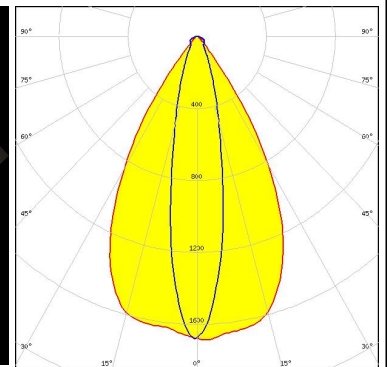
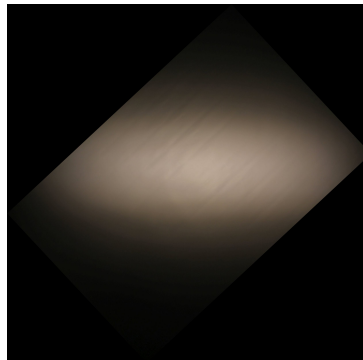
LED CXM-4  
FWHM / FWTM 62.0 + 16.0° / 78.0 + 39.0°  
Efficiency 82 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15255\_HEKLA-SOCKET-C



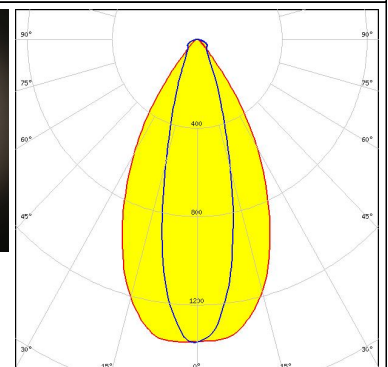
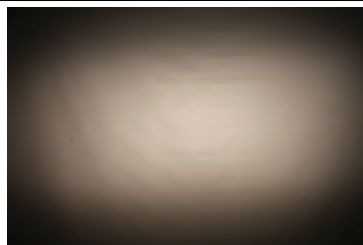
LED CxM-9 (13.5x13.5)  
FWHM / FWTM 62.0 + 23.0° / 81.0 + 52.0°  
Efficiency 82 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15255\_HEKLA-SOCKET-C



LED Fortimo SLM L09 CoB  
FWHM / FWTM 60.0 + 20.0° / 80.0 + 50.0°  
Efficiency 83 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15858\_HEKLA-SOCKET-H



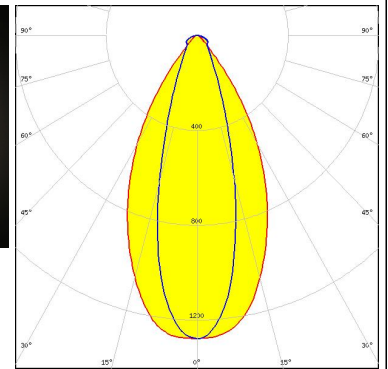
LED Fortimo SLM L13 CoB  
FWHM / FWTM 27.0 + 55.0° / 58.0 + 81.0°  
Efficiency 81 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 432 Typ L8



#### PHOTOMETRIC DATA (MEASURED):

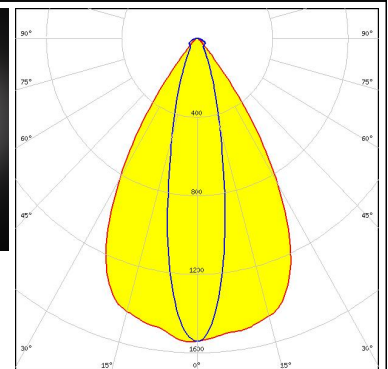
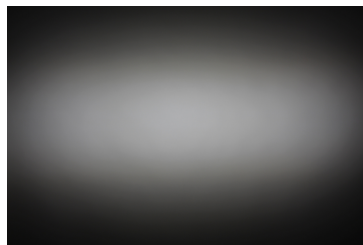
#### PHILIPS

LED Fortimo SLM L15 CoB  
 FWHM / FWTM 54.0 + 30.0° / 83.0 + 63.0°  
 Efficiency 80 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 432 Typ L8



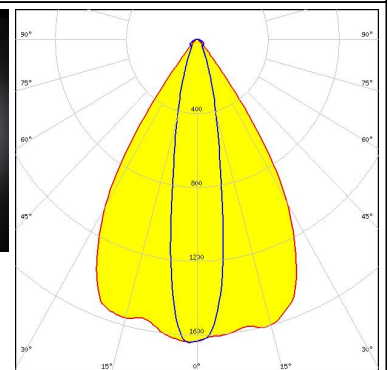
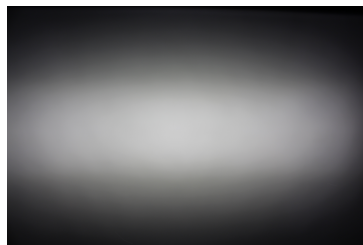
#### SAMSUNG

LED LC003D / LC006D / LC009D / LC013D  
 FWHM / FWTM 62.0 + 22.0° / 81.0 + 51.0°  
 Efficiency 82 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



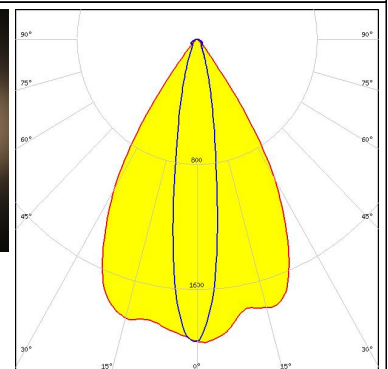
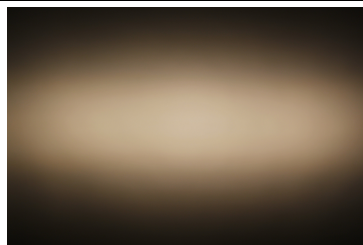
#### SAMSUNG

LED LC010C  
 FWHM / FWTM 65.0 + 20.0° / 80.0 + 46.0°  
 Efficiency 81 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15848\_HEKLA-SOCKET-G



#### SAMSUNG

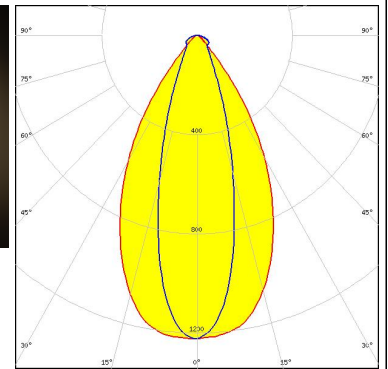
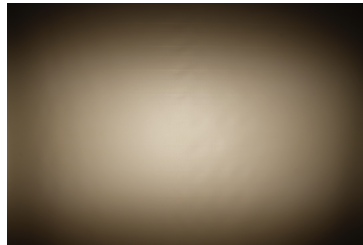
LED LC010C G2  
 FWHM / FWTM 62.0 + 17.0° / 78.0 + 41.0°  
 Efficiency 82 %  
 Peak intensity 1.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



#### PHOTOMETRIC DATA (MEASURED):

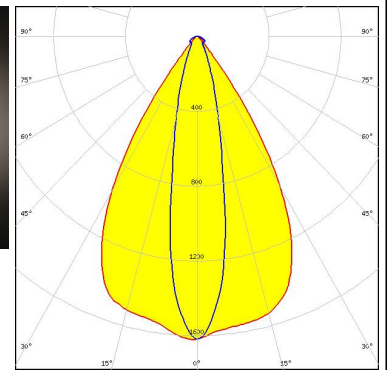
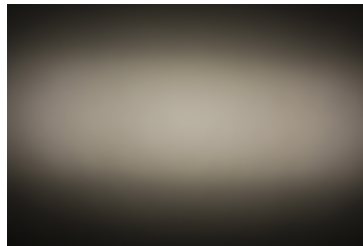
#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 FWHM / FWTM 58.0 + 29.0° / 85.0 + 62.0°  
 Efficiency 80 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



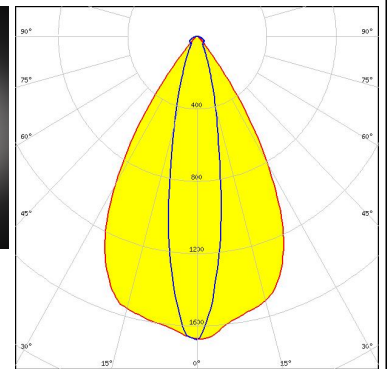
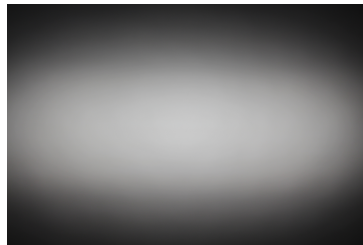
#### SAMSUNG

LED LC020C  
 FWHM / FWTM 63.0 + 21.0° / 81.0 + 48.0°  
 Efficiency 82 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15848\_HEKLA-SOCKET-G



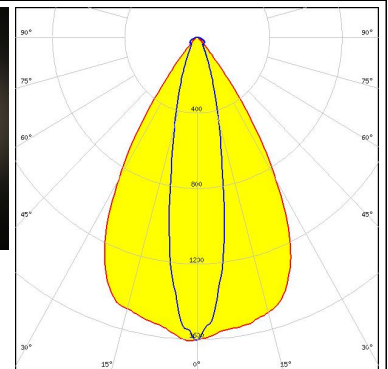
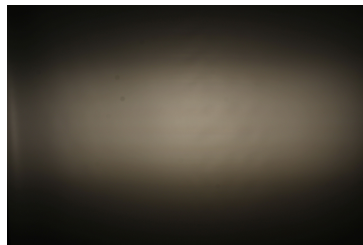
#### SAMSUNG

LED LC020C G2  
 FWHM / FWTM 61.0 + 20.0° / 81.0 + 47.0°  
 Efficiency 82 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



#### TRIDONIC

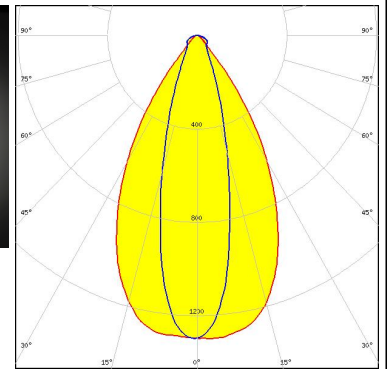
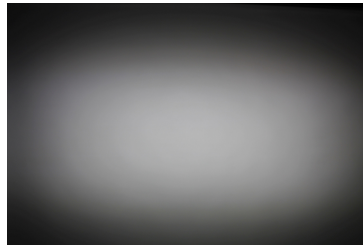
LED SLE G7 LES09  
 FWHM / FWTM 62.0 + 21.0° / 81.0 + 49.0°  
 Efficiency 82 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



#### PHOTOMETRIC DATA (MEASURED):

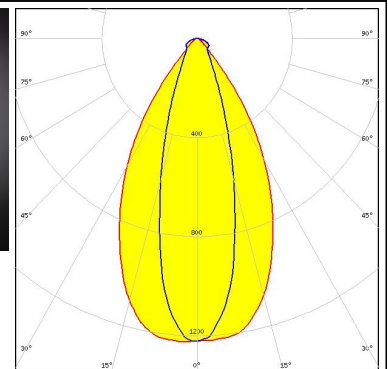
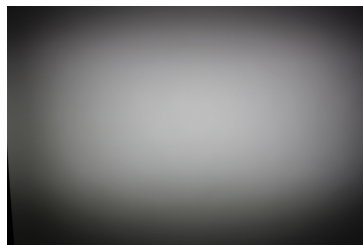
#### TRIDONIC

LED SLE G7 LES13  
 FWHM / FWTM 59.0 + 27.0° / 83.0 + 58.0°  
 Efficiency 80 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



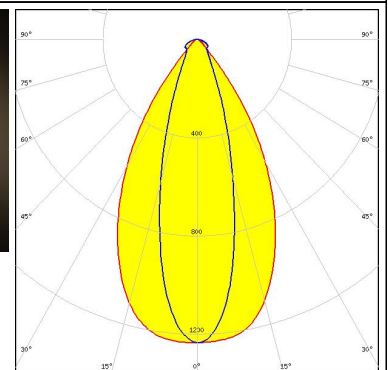
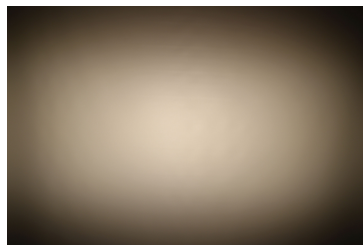
#### TRIDONIC

LED SLE G7 LES15  
 FWHM / FWTM 58.0 + 29.0° / 85.0 + 62.0°  
 Efficiency 80 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



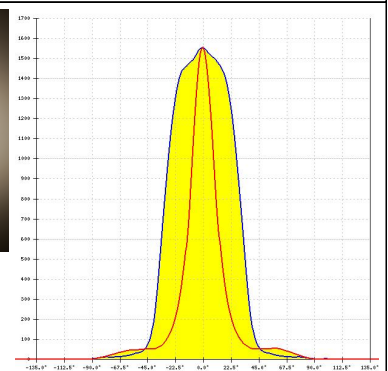
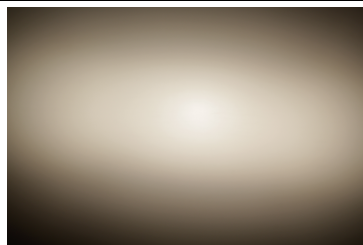
#### XICATO

LED XOBB 14.5 mm  
 FWHM / FWTM 58.0 + 29.0° / 84.0 + 61.0°  
 Efficiency 80 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



#### XICATO

LED XOBB 9.8 mm  
 FWHM / FWTM 62.0 + 22.0° / 81.0 + 51.0°  
 Efficiency 82 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C

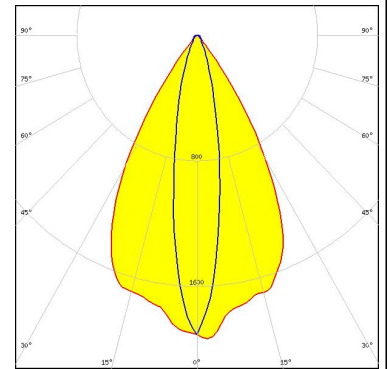




#### PHOTOMETRIC DATA (SIMULATED):

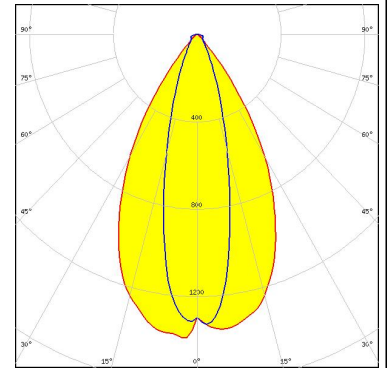


LED VERO10  
FWHM / FWTM 59.0 + 18.0° / 78.0 + 45.0°  
Efficiency 83 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15616\_HEKLA-SOCKET-F



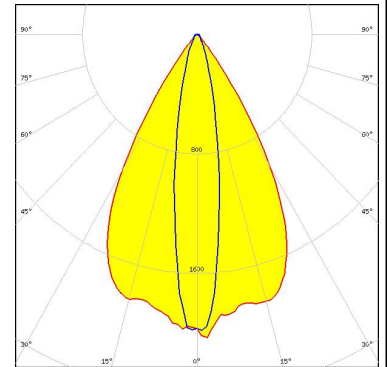
#### CITIZEN

LED CLL03x/CLU03x  
FWHM / FWTM 58.0 + 26.0° / 82.0 + 57.0°  
Efficiency 77 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15859\_HEKLA-SOCKET-I

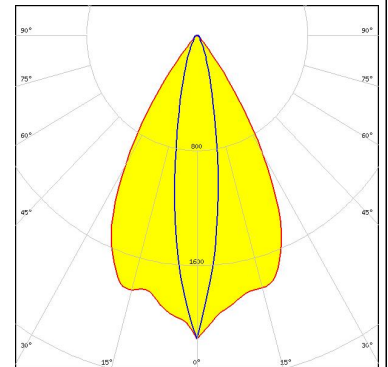


#### CITIZEN

LED CLU710/711  
FWHM / FWTM 61.0 + 18.0° / 78.0 + 42.0°  
Efficiency 83 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15859\_HEKLA-SOCKET-I



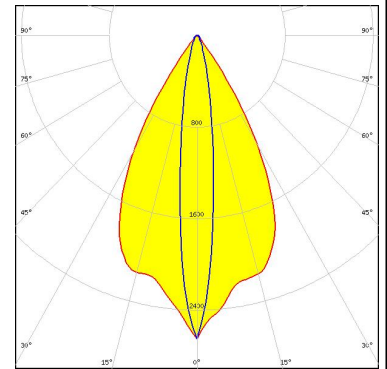
LED CXA/B 15xx  
FWHM / FWTM 59.0 + 17.0° / 79.0 + 42.0°  
Efficiency 84 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15256\_HEKLA-SOCKET-D



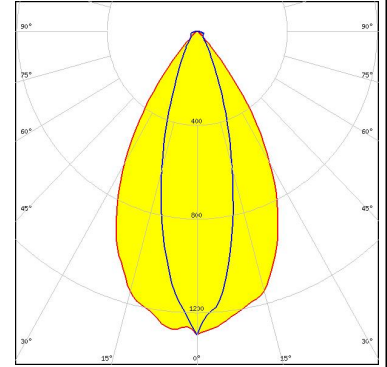
#### PHOTOMETRIC DATA (SIMULATED):



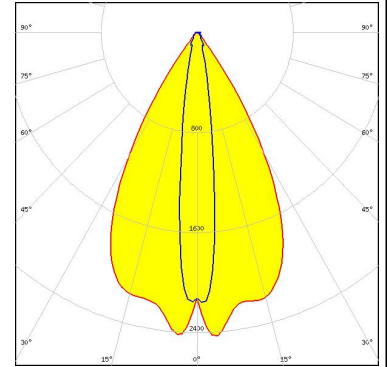
LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
 FWHM / FWTM 56.0 + 13.0° / 75.0 + 35.0°  
 Efficiency 86 %  
 Peak intensity 2.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15254\_HEKLA-SOCKET-B



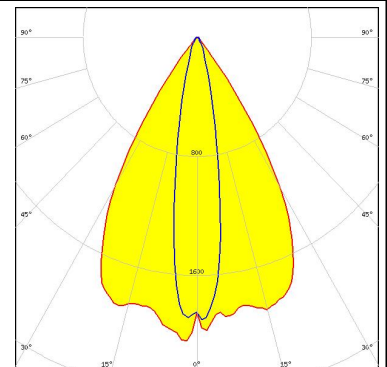
LED CXA/B 1830  
 FWHM / FWTM 60.0 + 28.0° / 84.0 + 60.0°  
 Efficiency 79 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 457 Typ L8



LED XP-G3  
 FWHM / FWTM 58.0 + 14.0° / 76.0 + 32.0°  
 Efficiency 84 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



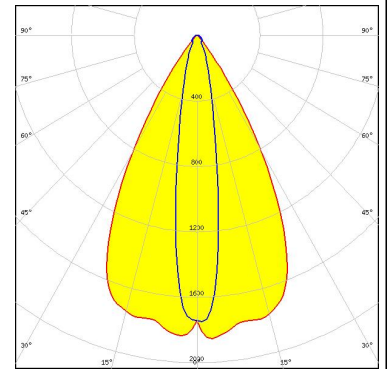
LED COB T-Type  
 FWHM / FWTM 62.0 + 18.0° / 78.0 + 38.0°  
 Efficiency 83 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15848\_HEKLA-SOCKET-G



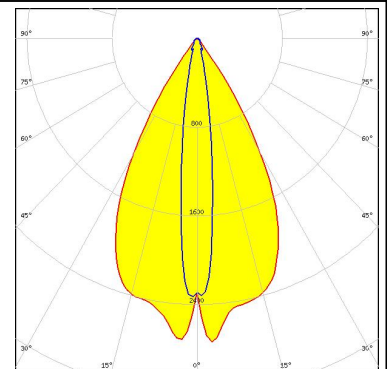
#### PHOTOMETRIC DATA (SIMULATED):



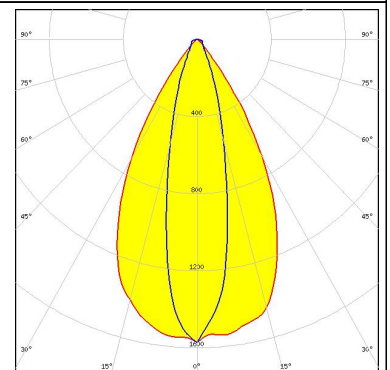
LED NFSWE11A  
 FWHM / FWTM 58.0 + 18.0° / 76.0 + 42.0°  
 Efficiency 74 %  
 Peak intensity 1.9 cd/lm  
 LEDs/each optic 30  
 Light colour White  
 Required components:



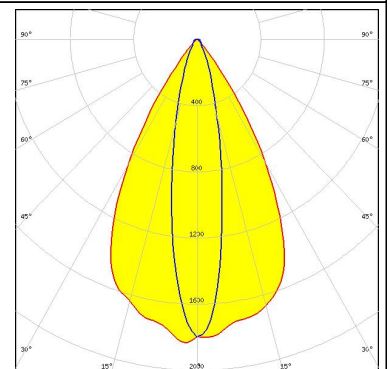
LED OSLOM Square CSSRM2/CSSRM3  
 FWHM / FWTM 58.0 + 14.0° / 74.0 + 30.0°  
 Efficiency 86 %  
 Peak intensity 2.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I




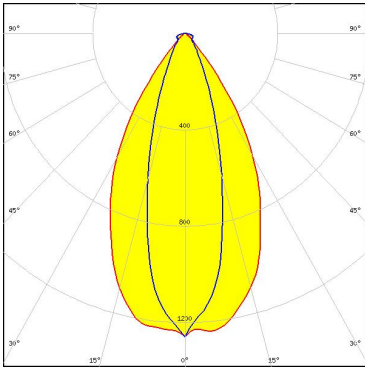

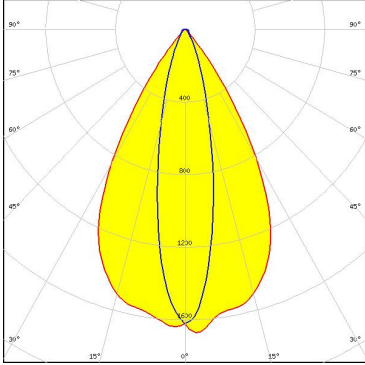
LED Soleriq S13 19x19  
 FWHM / FWTM 57.0 + 24.0° / 81.0 + 54.0°  
 Efficiency 83 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



LED Soleriq S9  
 FWHM / FWTM 59.0 + 20.0° / 80.0 + 48.0°  
 Efficiency 85 %  
 Peak intensity 1.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



### PHOTOMETRIC DATA (SIMULATED):

|   |  |
|---|--|
| <p><br/>SEOUL SEMICONDUCTOR</p> <p>LED MJT COB LES 14.5</p> <p>FWHM / FWTM 58.0 + 30.0° / 84.0 + 62.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 1.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:<br/>F15859_HEKLA-SOCKET-I</p> |   |
| <p><br/>SEOUL SEMICONDUCTOR</p> <p>LED MJT COB LES 9.8</p> <p>FWHM / FWTM 60.0 + 22.0° / 80.0 + 51.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 1.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:<br/>F15255_HEKLA-SOCKET-C</p>  |  |



### 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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P.R.CHINA

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