

## ZORYA-SC-C

~340° decorative beam. Assembly with HEKLA adapter.

### TECHNICAL SPECIFICATIONS:

|                |           |
|----------------|-----------|
| Dimensions     | Ø 55.0 mm |
| Height         | 35 mm     |
| Fastening      | socket    |
| ROHS compliant | yes ⓘ     |

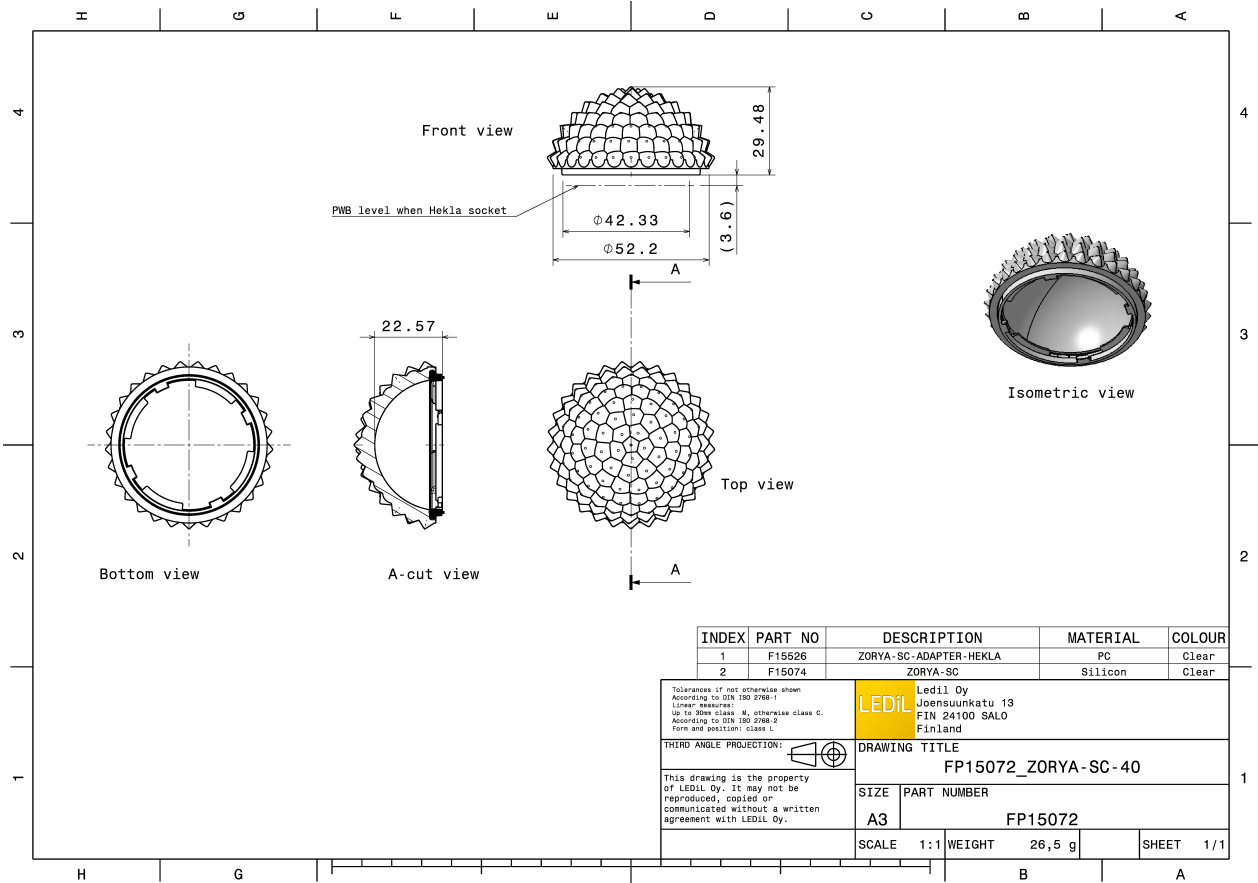
### MATERIAL SPECIFICATIONS:

| Component          | Type        | Material | Colour | Finish |
|--------------------|-------------|----------|--------|--------|
| ZORYA-SC           | Single lens | Silicone | clear  |        |
| ZORYA-SC-ADAPTER-C | Holder      | PC       | clear  |        |



### ORDERING INFORMATION:

| Component  | Type        | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|-------------|------------|-----|-----|-----------------|
| FP15072_ZORYA-SC-C<br>» Box size: 398 x 298 x 140 mm | Single lens | 140        |     | 35  | 3.0             |



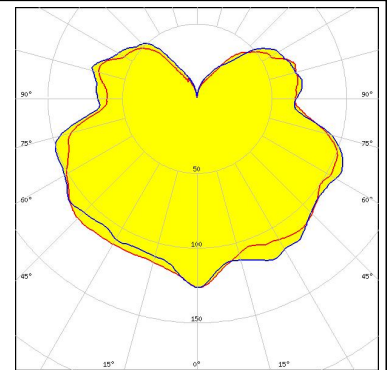
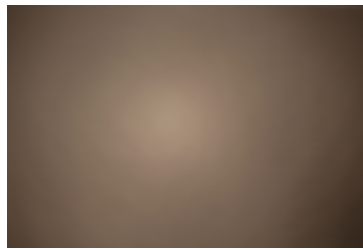
#### PHOTOMETRIC DATA (MEASURED):

|  |  |
|--|--|
| <p>bridgelux.</p> <p>LED VERO13</p> <p>FWHM 232.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:<br/>C16142_HEKLA-SOCKET-K</p>   |  |
| <p>bridgelux.</p> <p>LED VERO18</p> <p>FWHM 161.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:<br/>C16142_HEKLA-SOCKET-K</p>   |  |
| <p>bridgelux.</p> <p>LED Vesta TW 13mm (25W) CSP</p> <p>FWHM Asymmetric</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:<br/>C16142_HEKLA-SOCKET-K<br/>Bender Wirth: 492 Typ L8</p> |  |
| <p>bridgelux.</p> <p>LED Vesta TW 9mm (12W) CSP</p> <p>FWHM 241.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:<br/>C16142_HEKLA-SOCKET-K</p>                                   |  |

**PHOTOMETRIC DATA (MEASURED):**

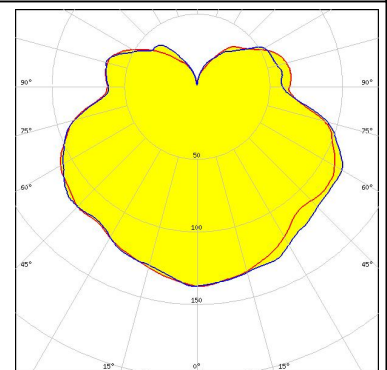
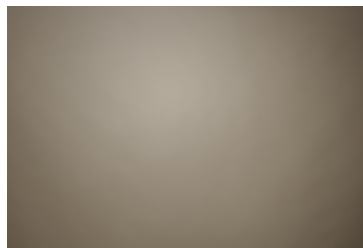
## CITIZEN

LED CLC020 Series (Dim-To-Warm)  
 FWHM 235.0°  
 Efficiency 92 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



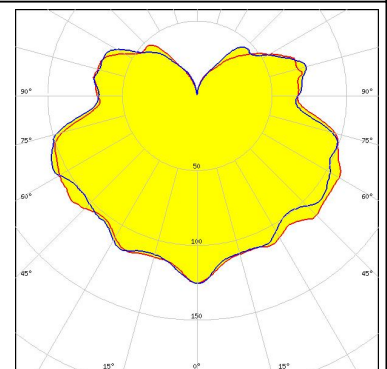
## CITIZEN

LED CLC030 Series (Dim-To-Warm)  
 FWHM 163.0°  
 Efficiency 94 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



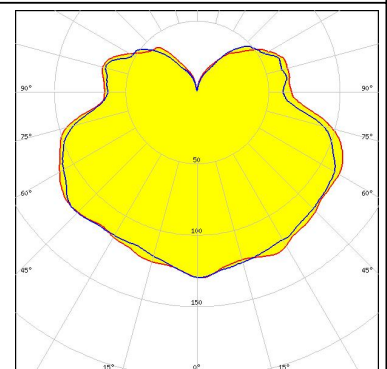
## CITIZEN

LED LCN-C01B (Tunable White)  
 FWHM 231.0°  
 Efficiency 94 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



## CITIZEN

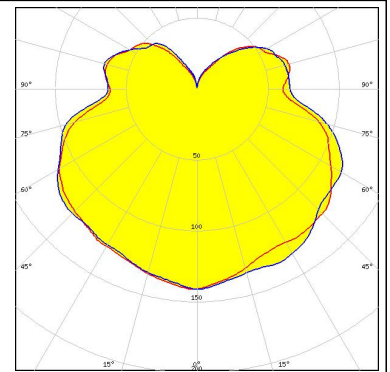
LED LCN-C02B (Tunable White)  
 FWHM 224.0°  
 Efficiency 94 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



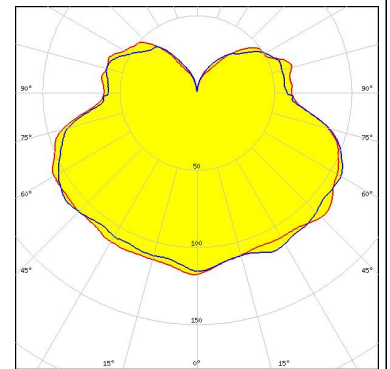
#### PHOTOMETRIC DATA (MEASURED):



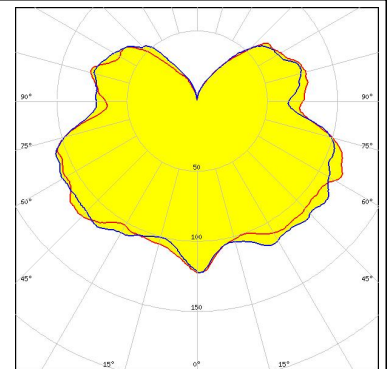
LED LUXEON CoB 1208  
 FWHM 164.0°  
 Efficiency 96 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 632a Hekla XL



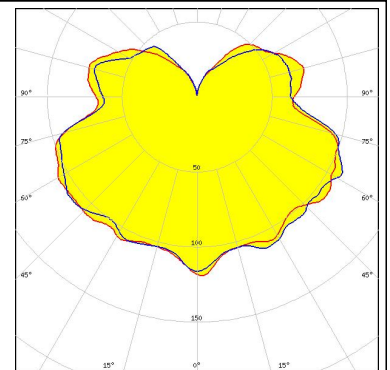
LED CDM-14 (Dim-To-Warm)  
 FWHM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 491 Typ L8



LED CDM-6 (Dim-To-Warm)  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 490 Typ L8



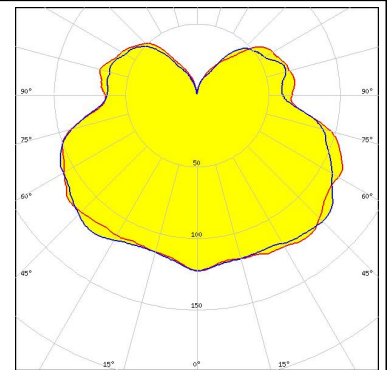
LED CDM-9 (Dim-To-Warm)  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 490 Typ L8



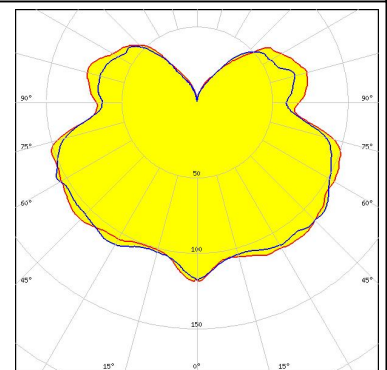
#### PHOTOMETRIC DATA (MEASURED):



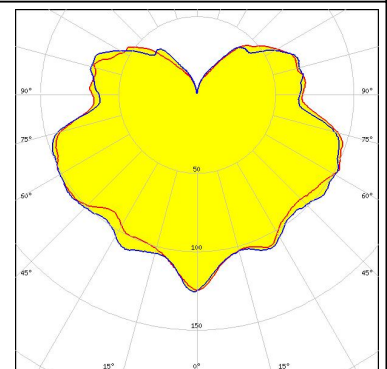
LED CTM-14 (Tunable White)  
FWHM 236.0°  
Efficiency 94 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 442 Typ L8



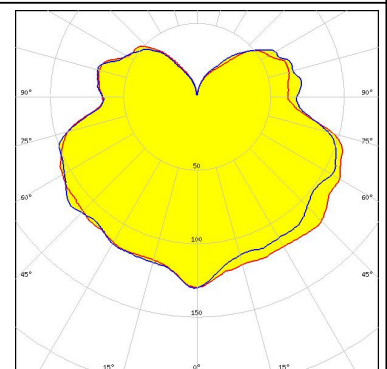
LED CTM-9 (Tunable White)  
FWHM 254.0°  
Efficiency 92 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 495 Typ L8



LED NJCWL024Z-V1MT: COB L-Type Tunable White  
FWHM 234.0°  
Efficiency 90 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 497 Typ L8



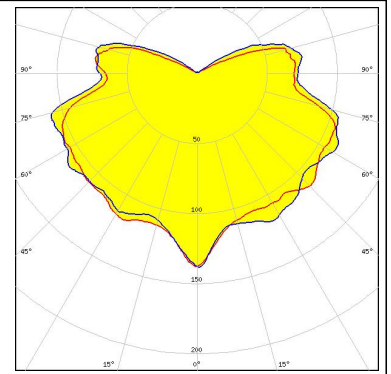
LED NVCWJ024Z-V1MT: COB J-Type Tunable White  
FWHM 224.0°  
Efficiency 94 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 498 Typ L8



## PHOTOMETRIC DATA (MEASURED):

### SAMSUNG

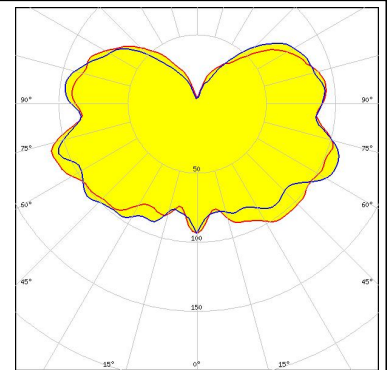
LED LC010C G2  
FWHM 210.0°  
Efficiency 81 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15255\_HEKLA-SOCKET-C



#### PHOTOMETRIC DATA (SIMULATED):

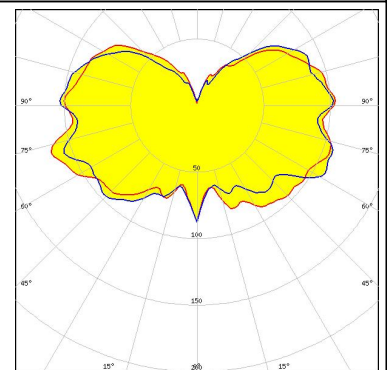
#### CITIZEN

LED CLL02x/CLU02x (LES10)  
FWHM 262.0°  
Efficiency 97 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15255\_HEKLA-SOCKET-C



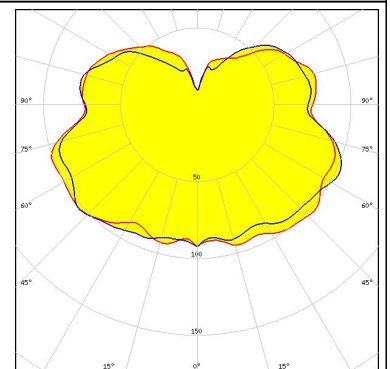
#### CITIZEN

LED CLU700/701/702  
FWHM 265.0°  
Efficiency 97 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15255\_HEKLA-SOCKET-C



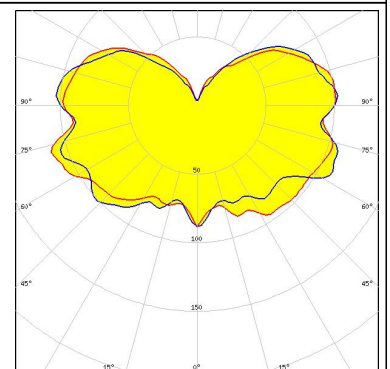
#### CREE

LED CMT19xx  
FWHM 268.0°  
Efficiency 93 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15859\_HEKLA-SOCKET-I



#### CREE

LED CXA/B 15xx  
FWHM 263.0°  
Efficiency 95 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15256\_HEKLA-SOCKET-D



### 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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#### Shipping locations

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Hong Kong, China

#### Distribution Partners

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