

## ZORYA-SC-C

~340° omnidirectional decorative beam.  
Assembly with HEKLA adapter.

## SPECIFICATION:

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

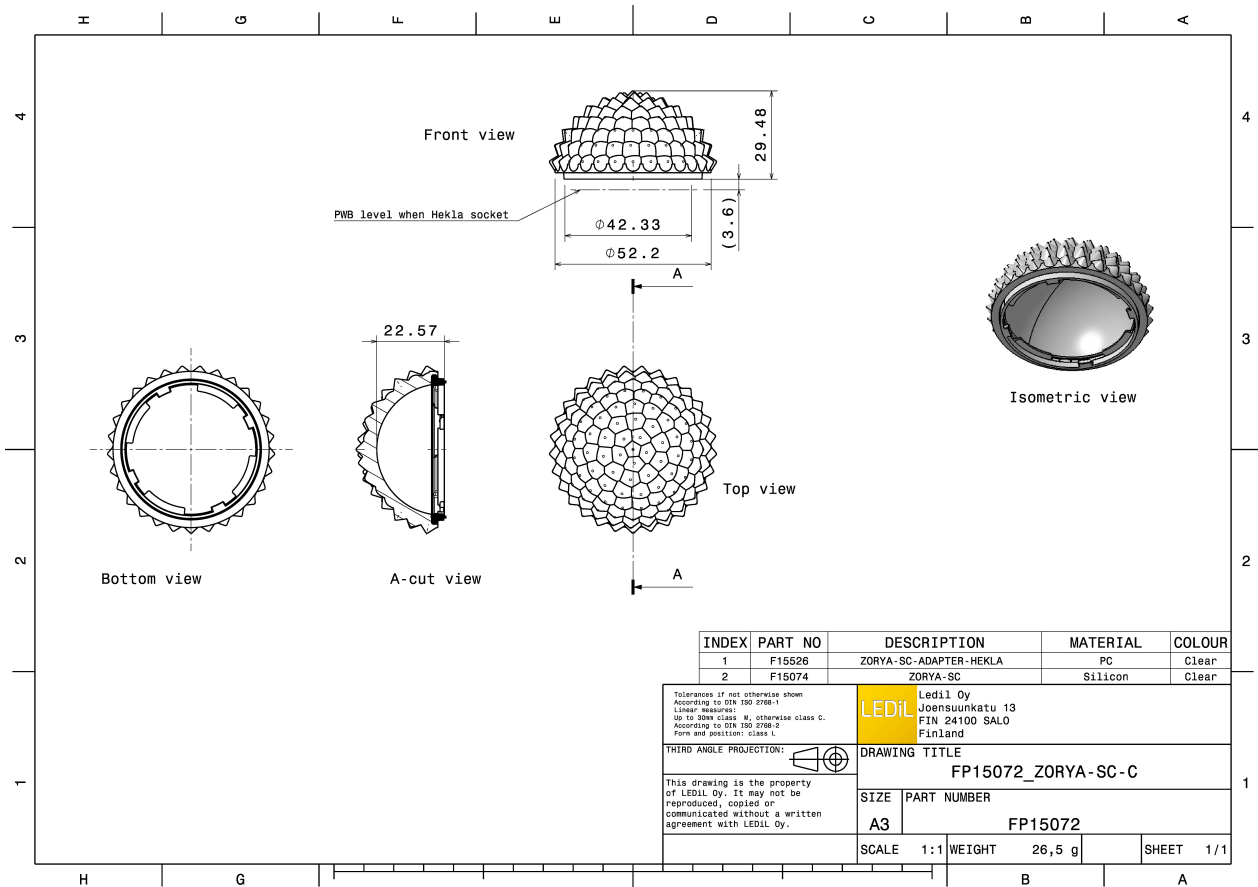


## MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
ZORYA-SC	Single lens	Silicone	clear		
ZORYA-SC-ADAPTER-C	Holder	PC	clear		

## ORDERING INFORMATION:

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

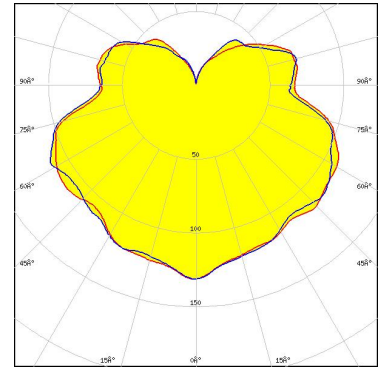


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



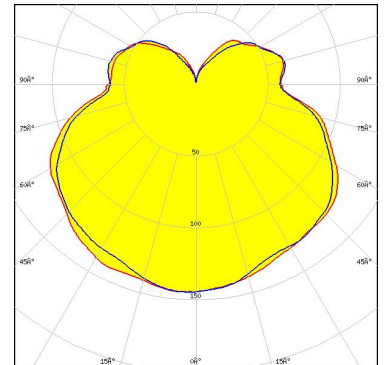
LED VERO13  
 FWHM / FWTM 232.0° / 325.0°  
 Efficiency 94 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



Light distribution files



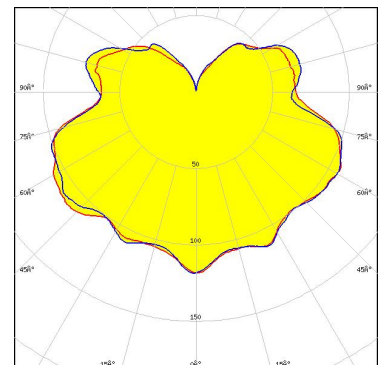
LED VERO18  
 FWHM / FWTM 161.0° / 316.0°  
 Efficiency 94 %  
 Peak intensity 0.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



Light distribution files



LED Vesta TW 9mm (12W) CSP  
 FWHM / FWTM 241.0° / 324.0°  
 Efficiency 94 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K

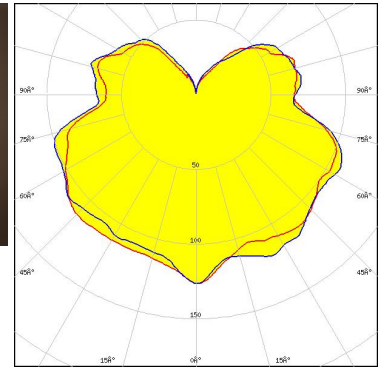
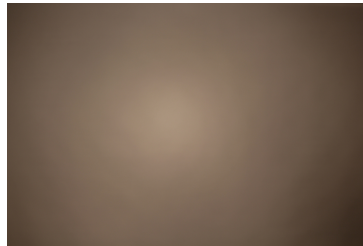


Light distribution files

#### OPTICAL RESULTS (MEASURED):

#### CITIZEN

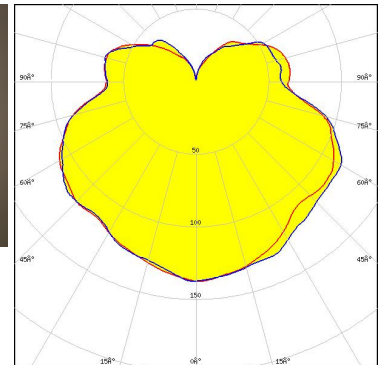
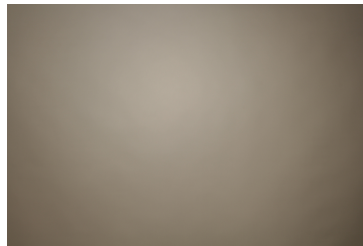
LED CLC020 Series (Dim-To-Warm)  
 FWHM / FWTM 235.0° / 322.0°  
 Efficiency 92 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



Light distribution files

#### CITIZEN

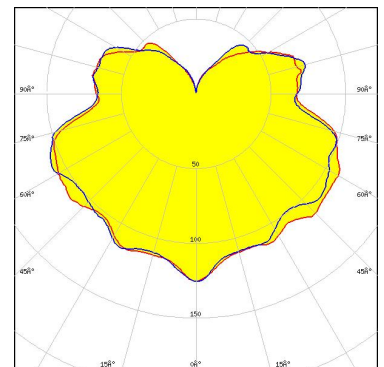
LED CLC030 Series (Dim-To-Warm)  
 FWHM / FWTM 163.0° / 317.0°  
 Efficiency 94 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



Light distribution files

#### CITIZEN

LED LCN-C01B (Tunable White)  
 FWHM / FWTM 231.0° / 322.0°  
 Efficiency 94 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K

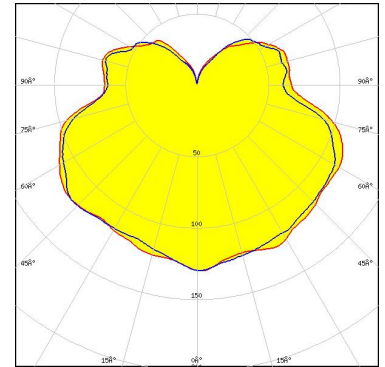


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### CITIZEN

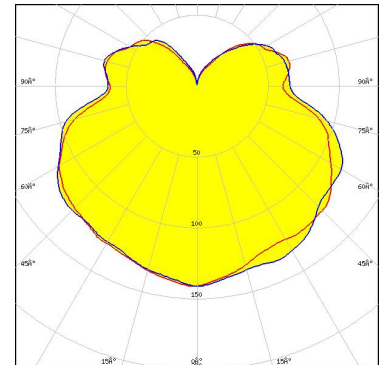
LED LCN-C02B (Tunable White)  
 FWHM / FWTM 224.0° / 326.0°  
 Efficiency 94 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



Light distribution files



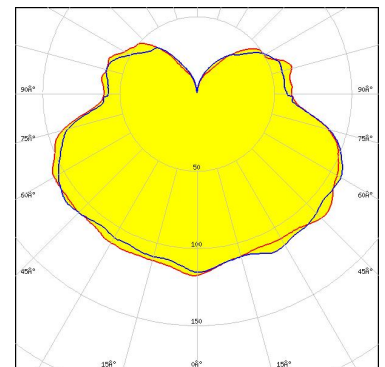
LED LUXEON CoB 1208  
 FWHM / FWTM 164.0° / 313.0°  
 Efficiency 96 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 Bender Wirth: 632a Hekla XL



Light distribution files



LED CDM-14 (Dim-To-Warm)  
 FWHM / FWTM 220.0° / 330.0°  
 Efficiency 88 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 491 Typ L8

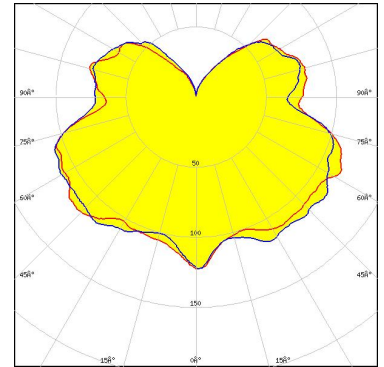


Light distribution files

### OPTICAL RESULTS (MEASURED):



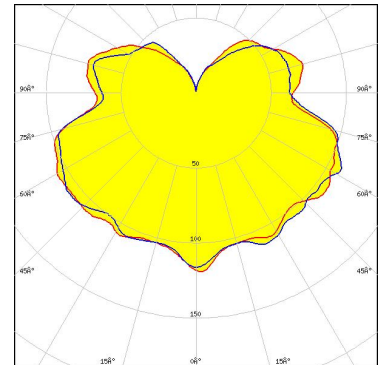
LED CDM-6 (Dim-To-Warm)  
 FWHM / FWTM 240.0° / 330.0°  
 Efficiency 94 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 490 Typ L8



Light distribution files



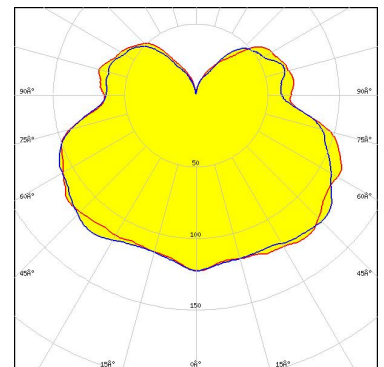
LED CDM-9 (Dim-To-Warm)  
 FWHM / FWTM 240.0° / 300.0°  
 Efficiency 93 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 490 Typ L8



Light distribution files



LED CTM-14 (Tunable White)  
 FWHM / FWTM 236.0° / 325.0°  
 Efficiency 94 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 442 Typ L8

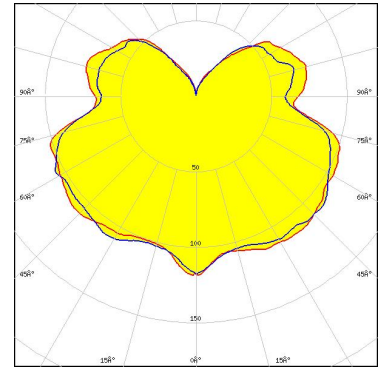


Light distribution files

### OPTICAL RESULTS (MEASURED):



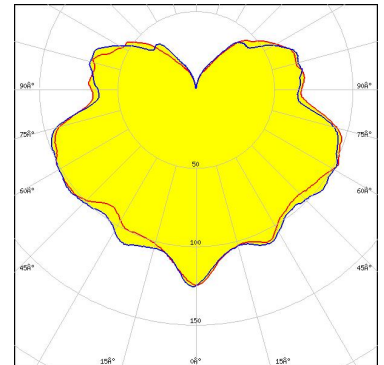
LED CTM-9 (Tunable White)  
 FWHM / FWTM 254.0° / 320.0°  
 Efficiency 92 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 495 Typ L8



Light distribution files



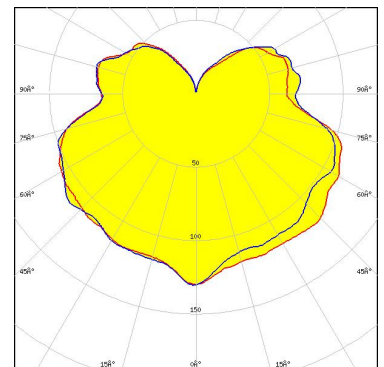
LED NJCWL024Z-V1MT: COB L-Type Tunable White  
 FWHM / FWTM 234.0° / 321.0°  
 Efficiency 90 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 497 Typ L8



Light distribution files



LED NVCWJ024Z-V1MT: COB J-Type Tunable White  
 FWHM / FWTM 224.0° / 322.0°  
 Efficiency 94 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 498 Typ L8



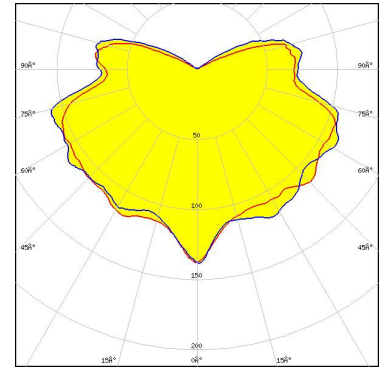
Light distribution files



### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

LED LC010C G2  
 FWHM / FWTM 210.0° / 235.0°  
 Efficiency 81 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



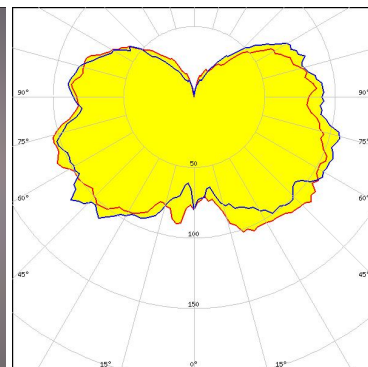
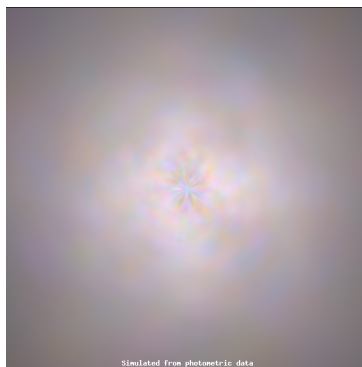
Light distribution files



#### OPTICAL RESULTS (SIMULATED):



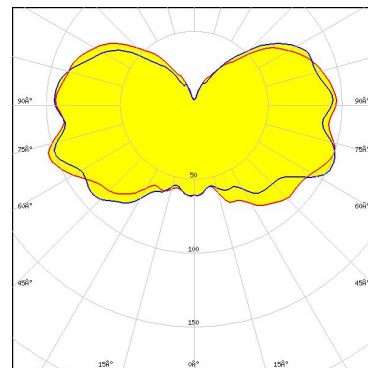
LED BXRV-D13-RGBW3000-A3  
 FWHM / FWTM 257.0° / 330.0°  
 Efficiency 94 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 48  
 Light colour/type RGBW  
 Required components:  
 C19950\_HEKLA-SOCKET-RZ



Light distribution files



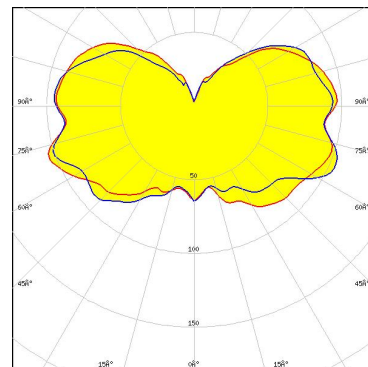
LED V6 Gen 8-9  
 FWHM / FWTM 268.0° / 327.0°  
 Efficiency 94 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15253\_HEKLA-SOCKET-A



Light distribution files



LED V6 HD Gen 7  
 FWHM / FWTM 267.0° / 330.0°  
 Efficiency 94 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C

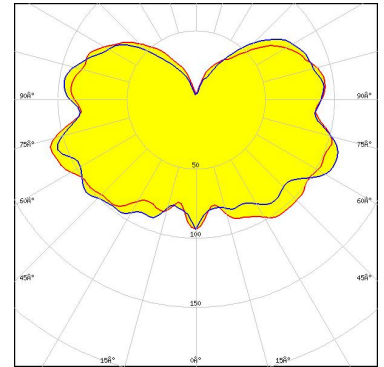


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

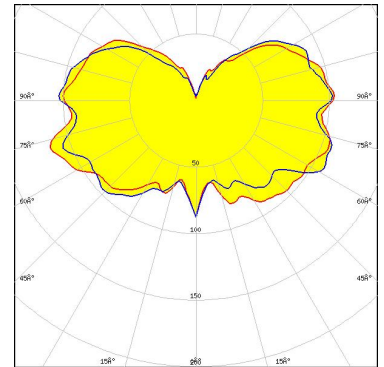
LED CLU02x (LES10)  
 FWHM / FWTM 262.0° / 332.0°  
 Efficiency 97 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



Light distribution files

#### CITIZEN

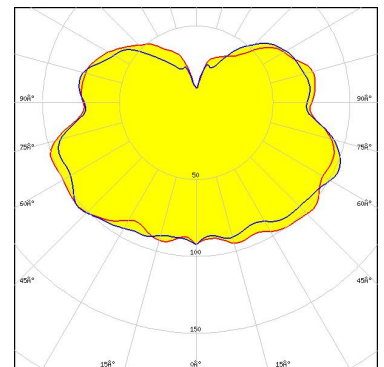
LED CLU700/701/702/703  
 FWHM / FWTM 265.0° / 330.0°  
 Efficiency 97 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



Light distribution files



LED CMT19xx  
 FWHM / FWTM 268.0° / 353.0°  
 Efficiency 93 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15859\_HEKLA-SOCKET-I

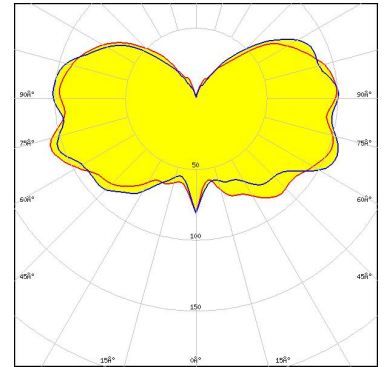


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



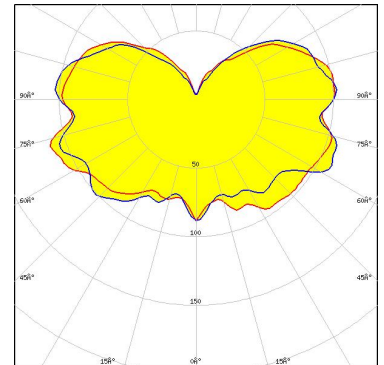
LED CXA/B 13xx  
 FWHM / FWTM 264.0° / 324.0°  
 Efficiency 96 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15956\_HEKLA-SOCKET-J



Light distribution files



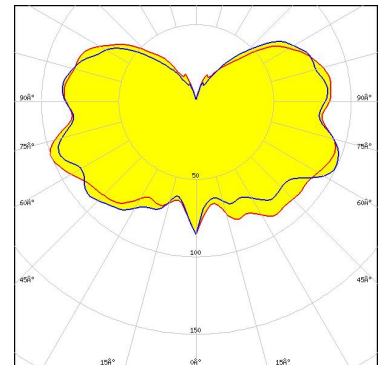
LED CXA/B 15xx  
 FWHM / FWTM 263.0° / 327.0°  
 Efficiency 95 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15256\_HEKLA-SOCKET-D



Light distribution files



LED COB L-Type (LES 9)  
 FWHM / FWTM 264.0° / 328.0°  
 Efficiency 90 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Bender Wirth: 638a Hekla

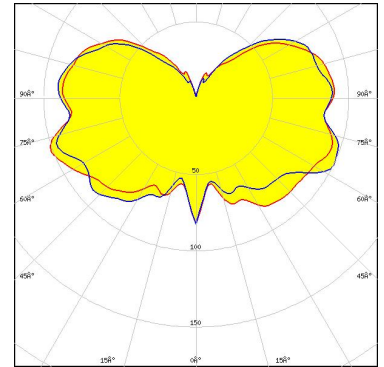
Light distribution files

### OPTICAL RESULTS (SIMULATED):



LED COB S-Type (LES 7)  
FWHM / FWTM 263.0° / 327.0°  
Efficiency 91 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Bender Wirth: 652a Hekla

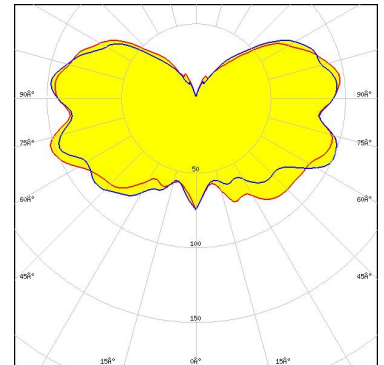


Light distribution files



LED NF2x757G  
FWHM / FWTM 262.0° / 322.0°  
Efficiency 91 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 4  
Light colour/type White  
Required components:

C16142\_HEKLA-SOCKET-K

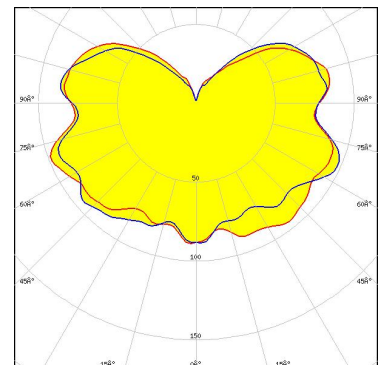


Light distribution files



LED NF2x757G  
FWHM / FWTM 264.0° / 326.0°  
Efficiency 91 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 9  
Light colour/type White  
Required components:

C16142\_HEKLA-SOCKET-K



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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#### 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

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