

## ZORYA-SC-B

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

### SPECIFICATION:

Dimensions	Ø 56.0 mm
Height	27.3 mm
Fastening	socket
ROHS compliant	yes ⓘ

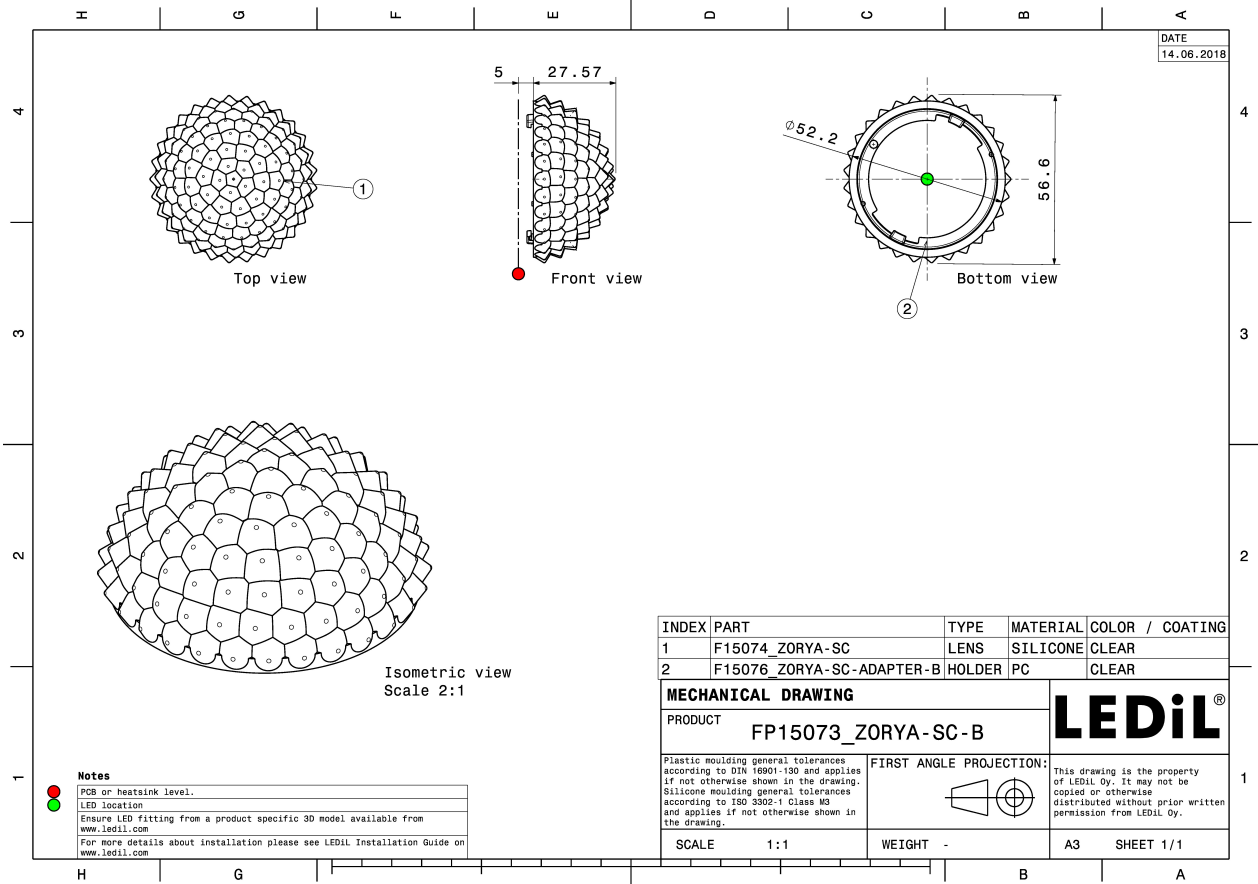


### MATERIALS:

Component	Type	Material	Colour	Finish	Length
ZORYA-SC	Single lens	Silicone	clear		56.0
ZORYA-SC-ADAPTER-B	Holder	PC	clear		49.1

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP15073_ZORYA-SC-B	Single lens	140	35	35	3.1
» Box size: 398 x 298 x 140 mm					

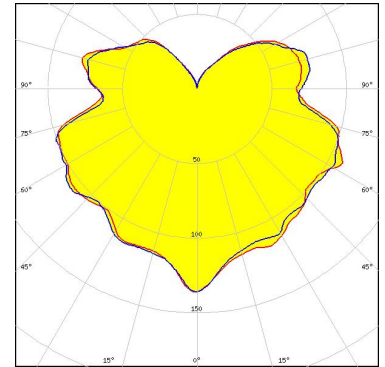


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

bridgelux

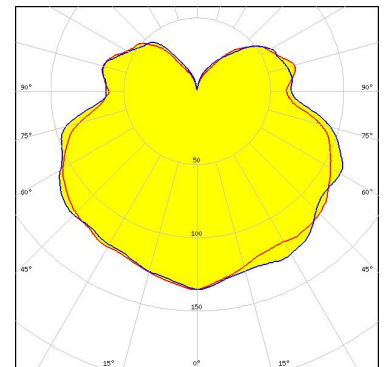
LED V8 Gen6  
FWHM / FWTM 234.0° / 310.0°  
Efficiency 94 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15253\_HEKLA-SOCKET-A



Light distribution files

#### CITIZEN

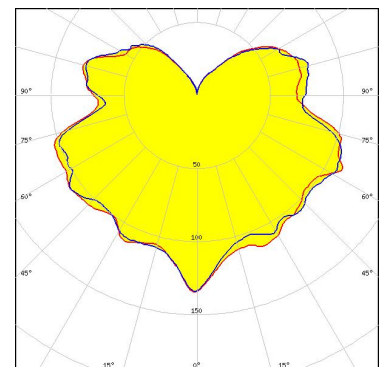
LED CLL03x/CLU03x  
FWHM / FWTM 171.0° / 317.0°  
Efficiency 94 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I



Light distribution files

#### CITIZEN

LED CLU700/701/702/703  
FWHM / FWTM 230.0° / 313.0°  
Efficiency 94 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C

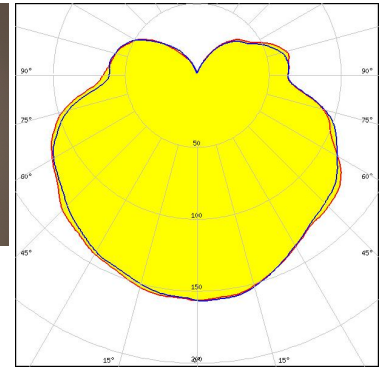
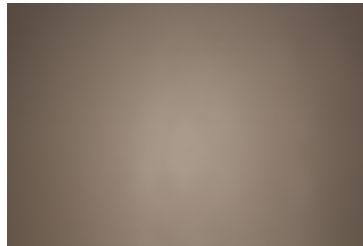


Light distribution files

### OPTICAL RESULTS (MEASURED):



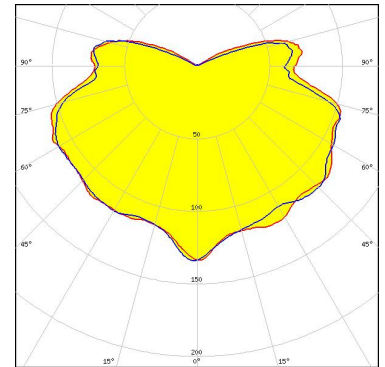
LED LUXEON CoB 1211  
FWHM / FWTM 160.0° / 300.0°  
Efficiency 94 %  
Peak intensity 0.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
A.A.G. STUCCHI: 8102-G2



Light distribution files



LED LC020C G2  
FWHM / FWTM 214.0° / 237.0°  
Efficiency 81 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I



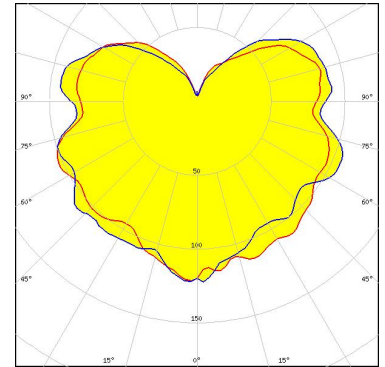
Light distribution files

### OPTICAL RESULTS (SIMULATED):



LED BXRA ES Rectangle  
FWHM / FWTM 256.0° / 326.0°  
Efficiency %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

BJB: 47.319.2040

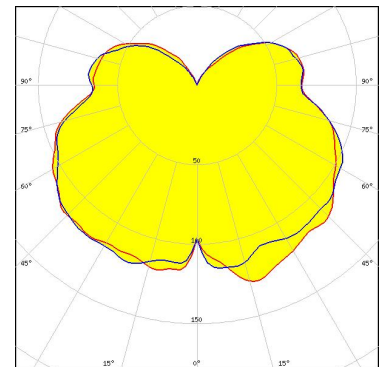


Light distribution files



LED VERO18  
FWHM / FWTM 215.0° / 296.0°  
Efficiency 88 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

C18264\_HEKLA-SOCKET-VERO18

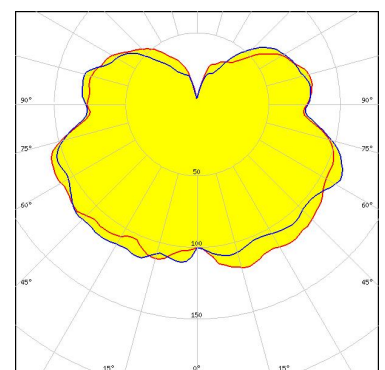


Light distribution files

## CITIZEN

LED CLL03x/CLU03x  
FWHM / FWTM 253.0° / 344.0°  
Efficiency 97 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

BJB: 47.319.2021



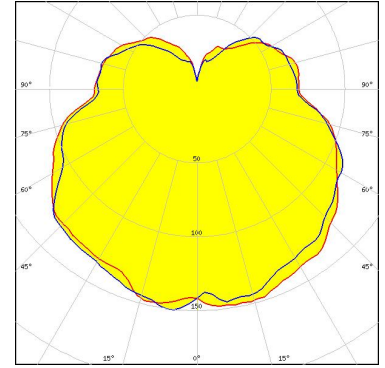
Light distribution files

#### OPTICAL RESULTS (SIMULATED):

### CITIZEN

LED CLL04x/CLU04x  
FWHM / FWTM 165.0° / 341.0°  
Efficiency 97 %  
Peak intensity 0.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

BJB: 47.319.2030

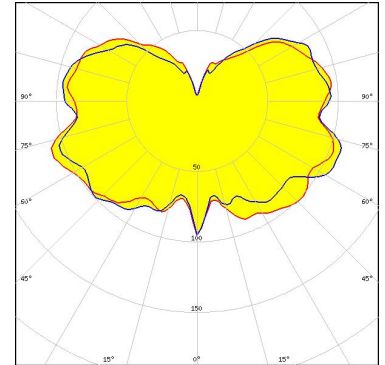


Light distribution files

### CITIZEN

LED CLU710/711  
FWHM / FWTM 268.0° / 25.0°  
Efficiency 98 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

BJB: 47.319.2021

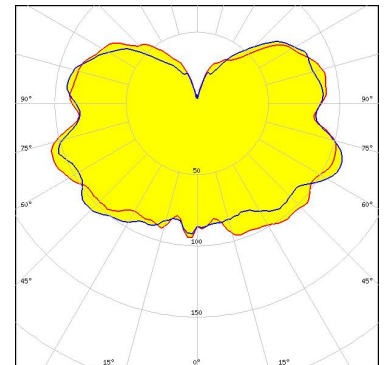


Light distribution files

### CITIZEN

LED CLU720/721/723  
FWHM / FWTM 265.0° / 28.0°  
Efficiency %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

BJB: 47.319.2021



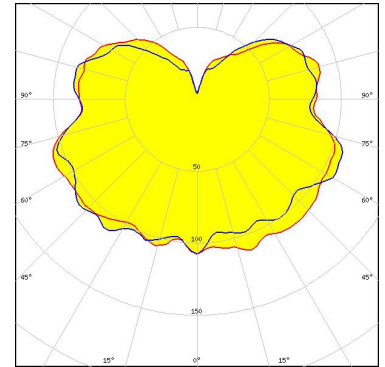
Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

LED CLU730/731/733  
FWHM / FWTM 264.0° / 344.0°  
Efficiency %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

BJB: 47.319.2030

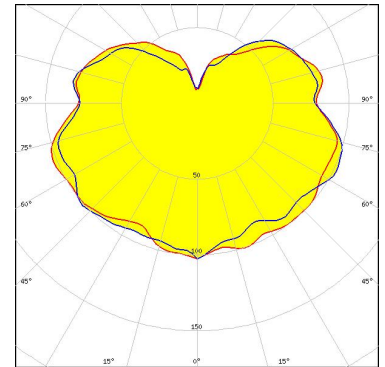


Light distribution files



LED CMT19xx  
FWHM / FWTM 273.0° / 352.0°  
Efficiency 97 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Bender Wirth: 477 Typ L7

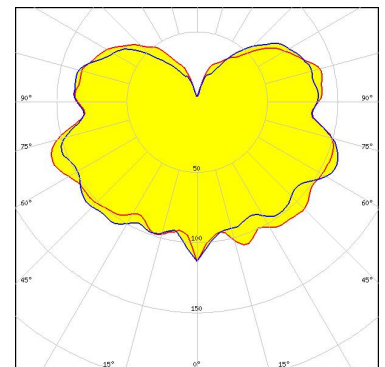


Light distribution files



LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
FWHM / FWTM 266.0° / 338.0°  
Efficiency 95 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

BJB: 47.319.2131



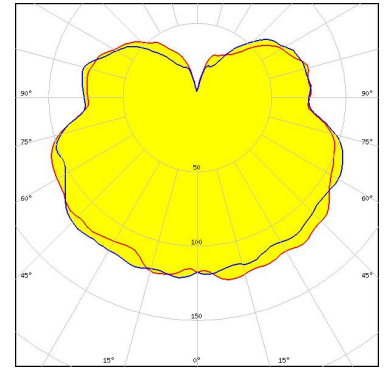
Light distribution files

#### OPTICAL RESULTS (SIMULATED):



LED CXA/B 25xx  
FWHM / FWTM 240.0° / 343.0°  
Efficiency 97 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

BJB: 47.319.2040

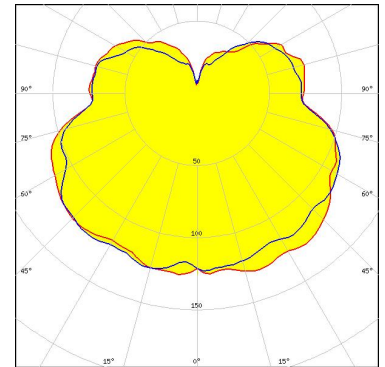


Light distribution files



LED CXA/B 30xx  
FWHM / FWTM 242.0° / 343.0°  
Efficiency 97 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

BJB: 47.319.2151

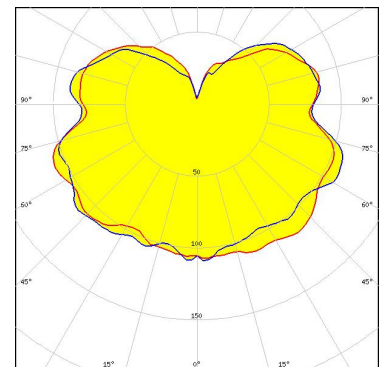


Light distribution files



LED LUXEON CoB 1204/1205  
FWHM / FWTM 263.0° / 340.0°  
Efficiency 97 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

BJB: 47.319.2011



Light distribution files

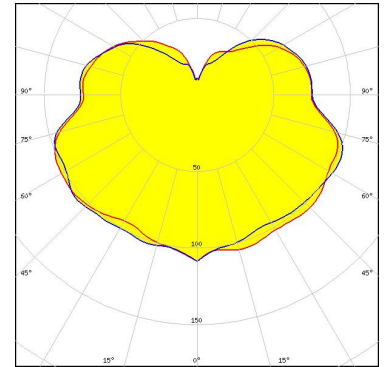


### OPTICAL RESULTS (SIMULATED):



LED LUXEON CoB 1208  
FWHM / FWTM 253.0° / 329.0°  
Efficiency 94 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

BJB: 47.319.2011

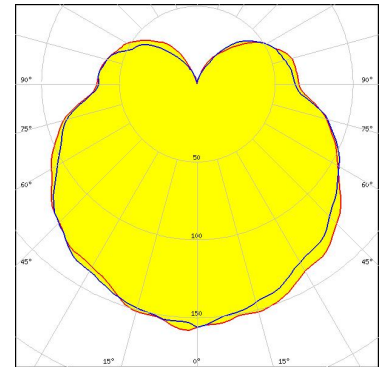


Light distribution files



LED LUXEON CoB 1213/1216/1812  
FWHM / FWTM 157.0° / 303.0°  
Efficiency 93 %  
Peak intensity 0.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

A.A.G. STUCCHI: 8102-G2

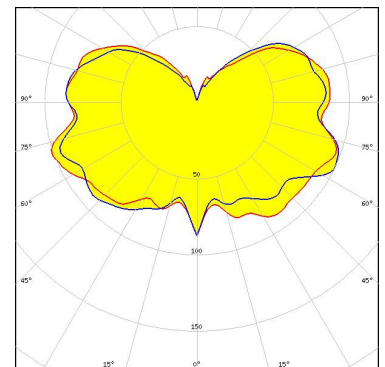


Light distribution files

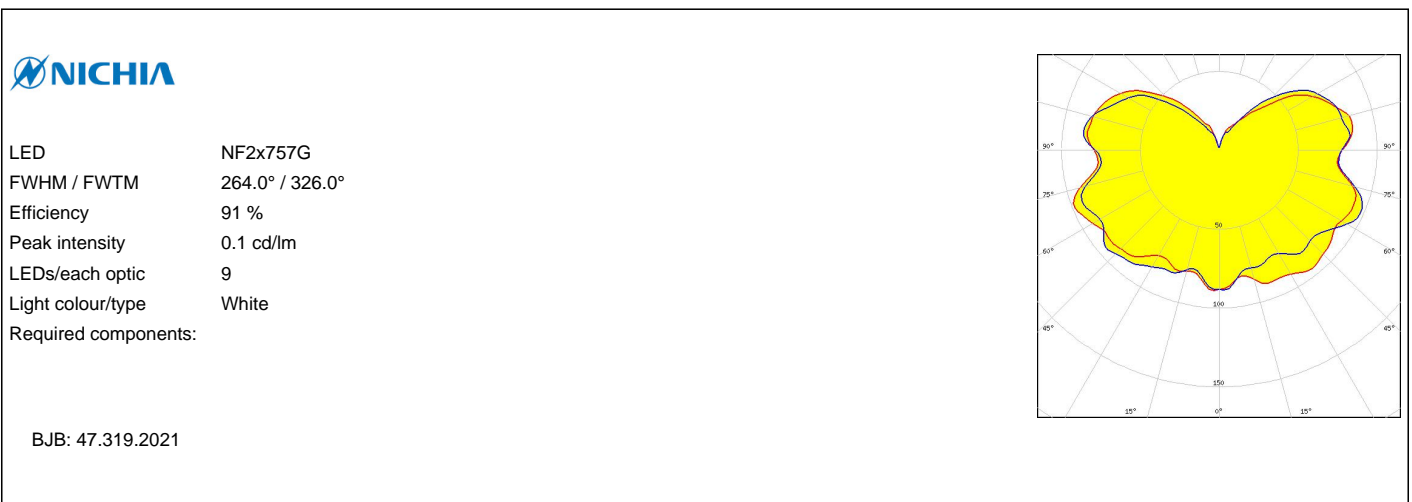
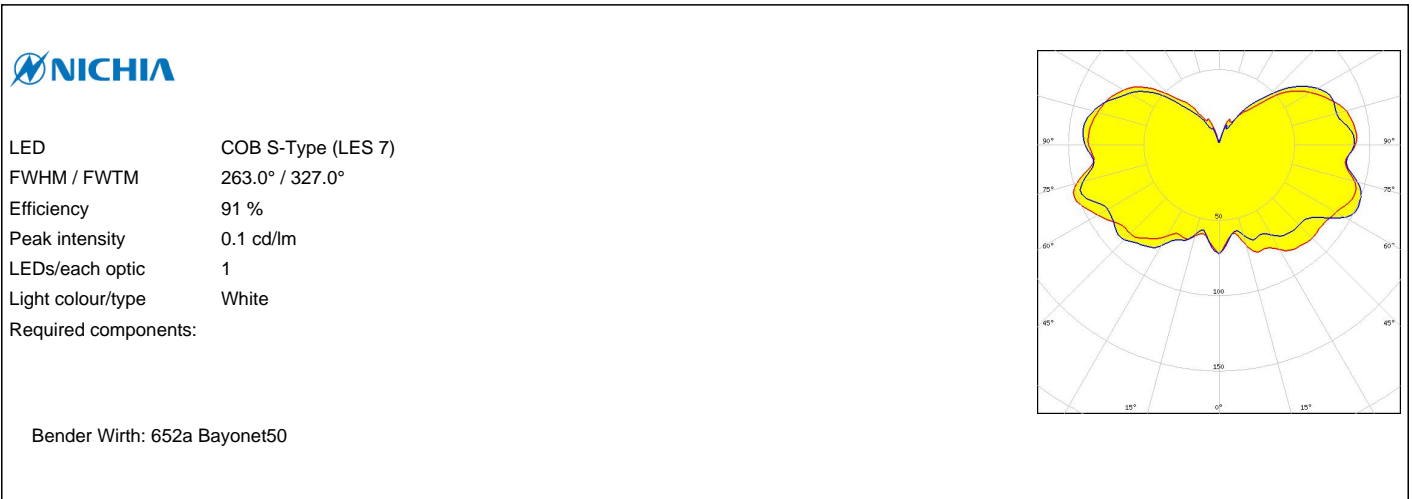


LED COB L-Type (LES 9)  
FWHM / FWTM 264.0° / 328.0 + 324.0°  
Efficiency 90 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Bender Wirth: 638a Bayonet50



#### OPTICAL RESULTS (SIMULATED):

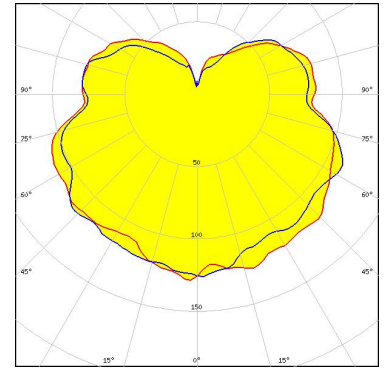


### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED Soleriq S19  
FWHM / FWTM 246.0° / 341.0°  
Efficiency 97 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

BJB: 47.319.2170

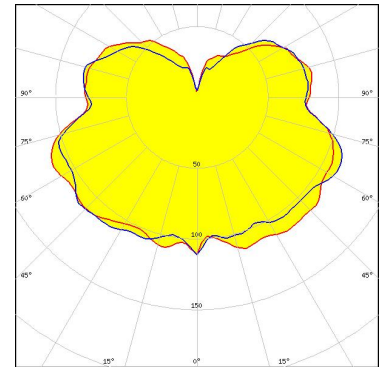


Light distribution files

**SEUL**  
SEOUL SEMICONDUCTOR

LED ZC12/18  
FWHM / FWTM 265.0° / 138.0°  
Efficiency 97 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

BJB: 47.319.2021

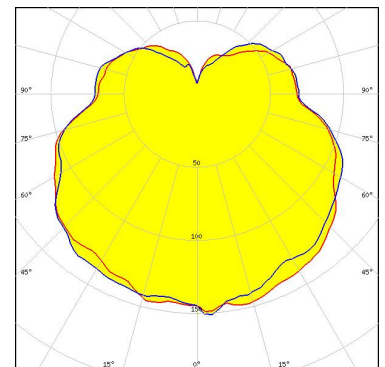


Light distribution files

**SEUL**  
SEOUL SEMICONDUCTOR

LED ZC25/40/60  
FWHM / FWTM 166.0° / 342.0°  
Efficiency 97 %  
Peak intensity 0.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

BJB: 47.319.2030



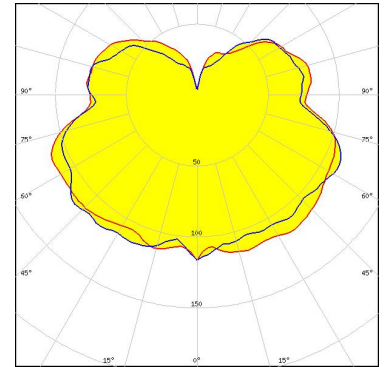
Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### SHARP

LED Mega Zenigata (GW5DGC)  
FWHM / FWTM 257.0° / 78.0°  
Efficiency 96 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

BJB: 47.319.2011

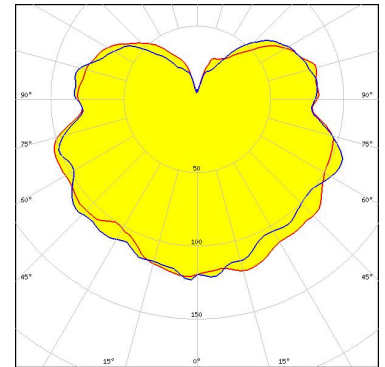


Light distribution files

#### SHARP

LED Mega Zenigata (GW6DME)  
FWHM / FWTM 250.0° / 340.0°  
Efficiency 96 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

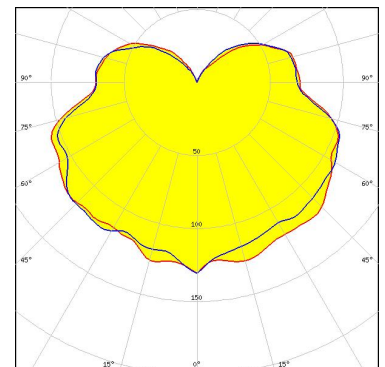
BJB: 47.319.2011



Light distribution files

#### TRIDONIC

LED SLE G7 LES17 H  
FWHM / FWTM 213.0° / 293.0°  
Efficiency 92 %  
Peak intensity 0.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

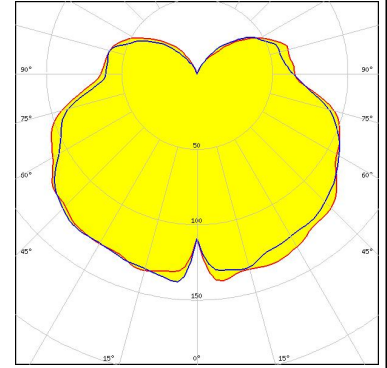


Light distribution files

## OPTICAL RESULTS (SIMULATED):

### TRIDONIC

LED	SLE G7 LES21 H
FWHM / FWTM	169.0° / 291.0°
Efficiency	91 %
Peak intensity	0.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



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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