

## 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 ⓘ

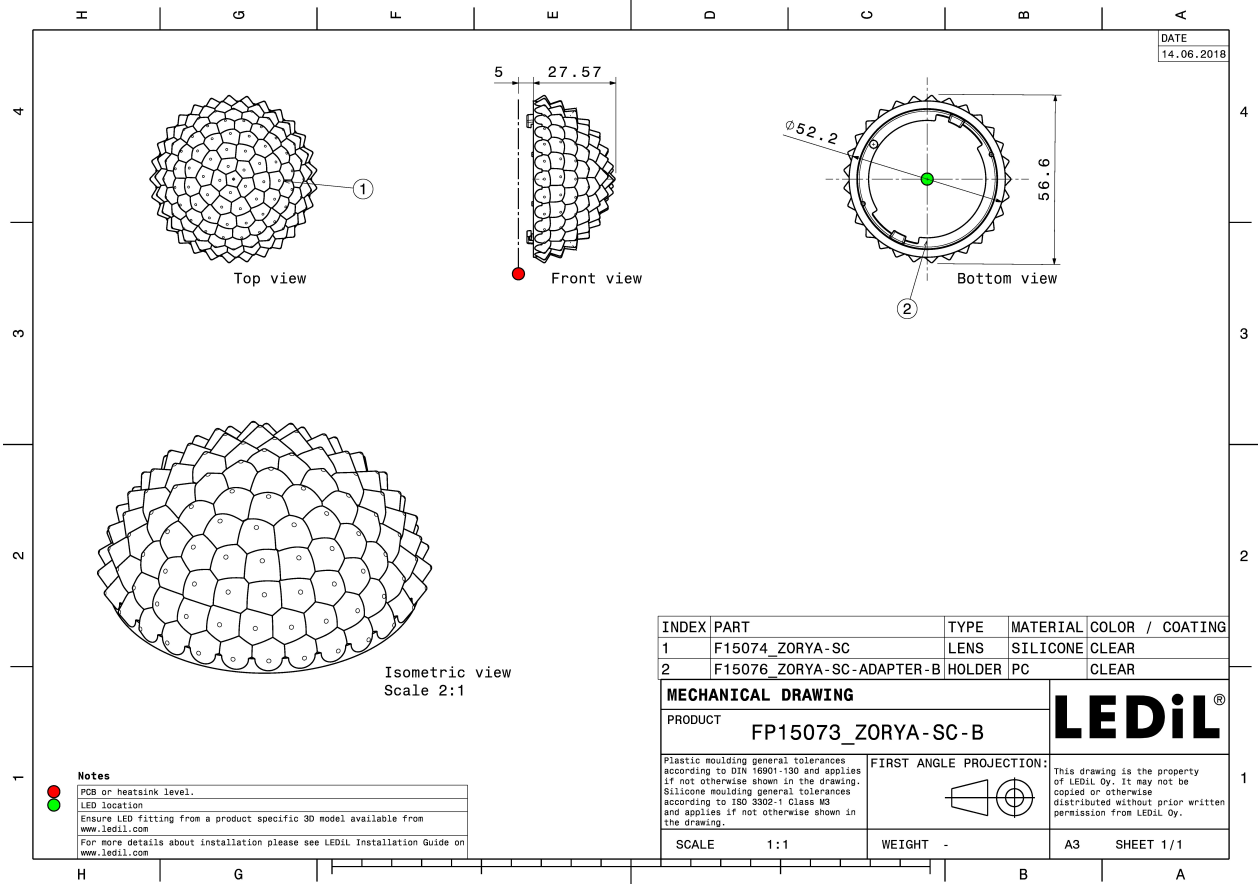


### MATERIALS:

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


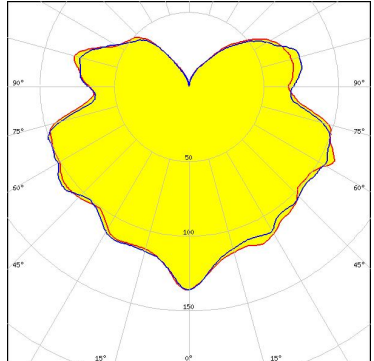
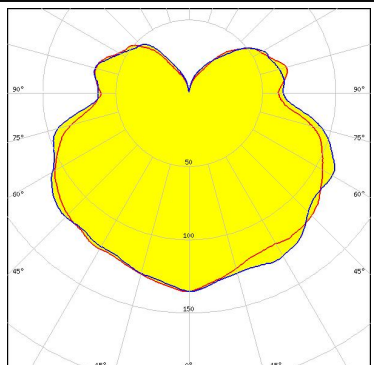
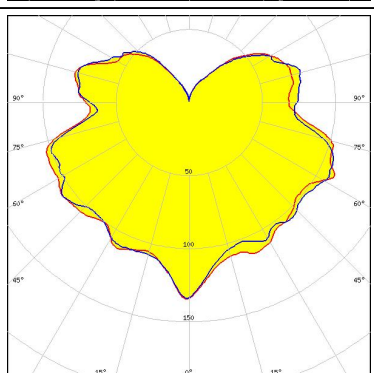

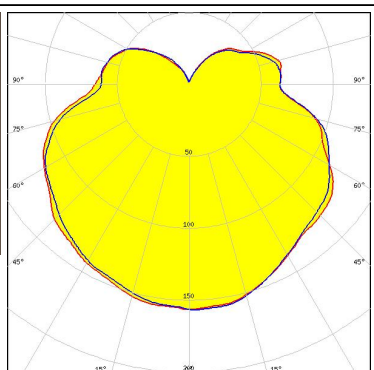
### ORDERING INFORMATION:

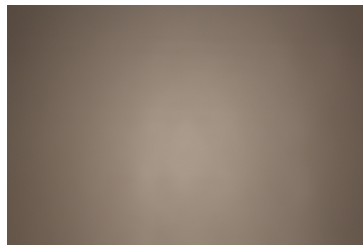
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FP15073_ZORYA-SC-B » Box size: 398 x 298 x 140 mm	Single lens	140	35	35	3.1



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

#### OPTICAL RESULTS (MEASURED):

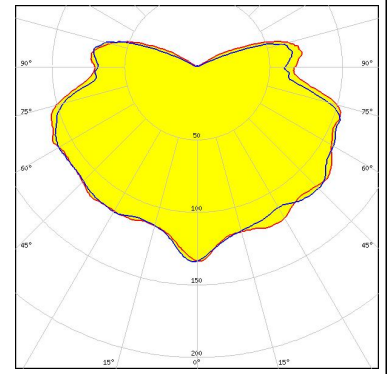
<p> <b>bridgelux</b></p> <p>LED V8 Gen6            FWHM / FWTM 234.0° / 310.0°            Efficiency 94 %            Peak intensity 0.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15253_HEKLA-SOCKET-A</p>	
<p><b>CITIZEN</b></p> <p>LED CLL03x/CLU03x            FWHM / FWTM 171.0° / 317.0°            Efficiency 94 %            Peak intensity 0.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15859_HEKLA-SOCKET-I</p>	
<p><b>CITIZEN</b></p> <p>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 White            Required components:            F15255_HEKLA-SOCKET-C</p>	
<p> <b>LUMILEDS</b></p> <p>LED LUXEON CoB 1211            FWHM / FWTM 160.0° / 300.0°            Efficiency 94 %            Peak intensity 0.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:            A.A.G. STUCCHI: 8102-G2</p>	




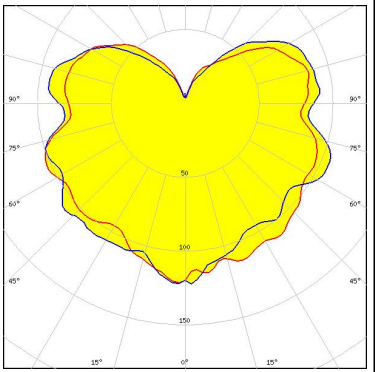

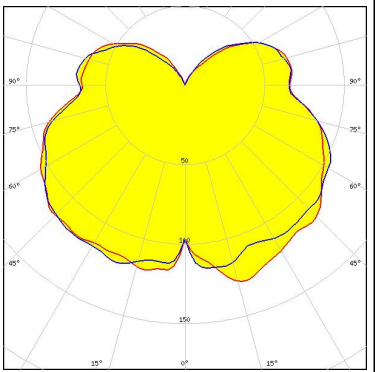
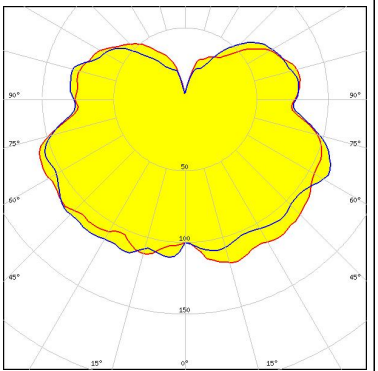
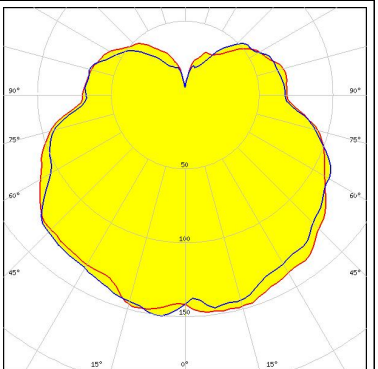
## OPTICAL RESULTS (MEASURED):

### SAMSUNG

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



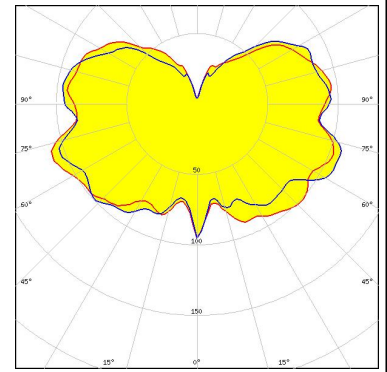
### OPTICAL RESULTS (SIMULATED):

<p> LED BXRA ES Rectangle FWHM / FWTM 256.0° / 326.0° Efficiency % Peak intensity 0.1 cd/lm LEDs/each optic 1 Light colour White Required components: BJB: 47.319.2040</p>	
<p> LED VERO18 FWHM / FWTM 215.0° / 296.0° Efficiency 88 % Peak intensity 0.1 cd/lm LEDs/each optic 1 Light colour White Required components: C18264_HEKLA-SOCKET-VERO18</p>	
<p><b>CITIZEN</b> LED CLL03x/CLU03x FWHM / FWTM 253.0° / 344.0° Efficiency 97 % Peak intensity 0.1 cd/lm LEDs/each optic 1 Light colour White Required components: BJB: 47.319.2021</p>	
<p><b>CITIZEN</b> LED CLL04x/CLU04x FWHM / FWTM 165.0° / 341.0° Efficiency 97 % Peak intensity 0.2 cd/lm LEDs/each optic 1 Light colour White Required components: BJB: 47.319.2030</p>	

#### OPTICAL RESULTS (SIMULATED):

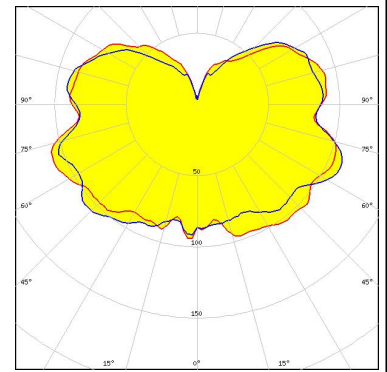
### CITIZEN

LED CLU710/711  
 FWHM / FWTM 268.0° / 25.0°  
 Efficiency 98 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.319.2021



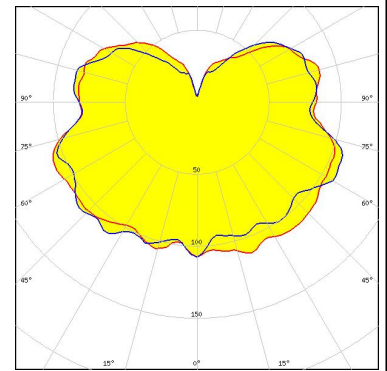
### CITIZEN

LED CLU720/721/723  
 FWHM / FWTM 265.0° / 28.0°  
 Efficiency %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.319.2021

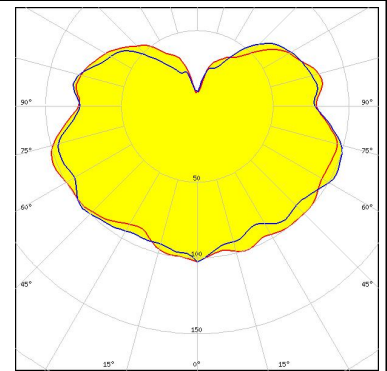


### CITIZEN

LED CLU730/731/733  
 FWHM / FWTM 264.0° / 344.0°  
 Efficiency %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.319.2030



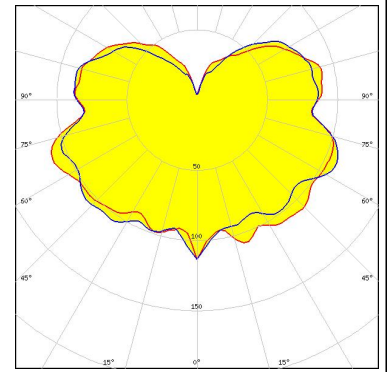
LED CMT19xx  
 FWHM / FWTM 273.0° / 352.0°  
 Efficiency 97 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 477 Typ L7



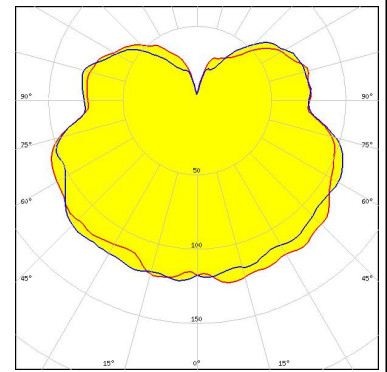
### OPTICAL RESULTS (SIMULATED):



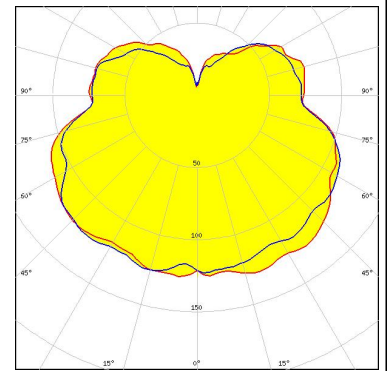
LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
 FWHM / FWTM 266.0° / 338.0°  
 Efficiency 95 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.319.2131



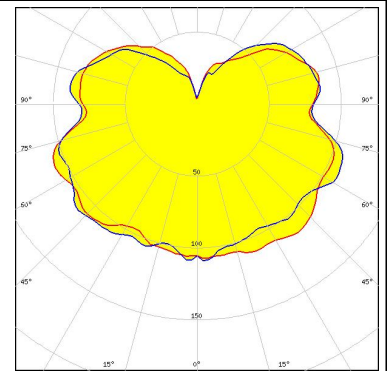
LED CXA/B 25xx  
 FWHM / FWTM 240.0° / 343.0°  
 Efficiency 97 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.319.2040



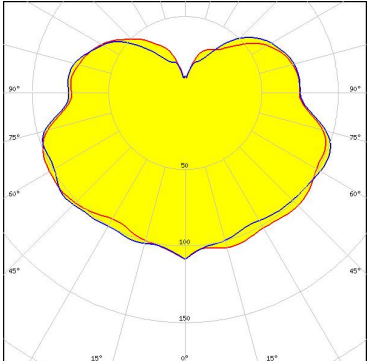
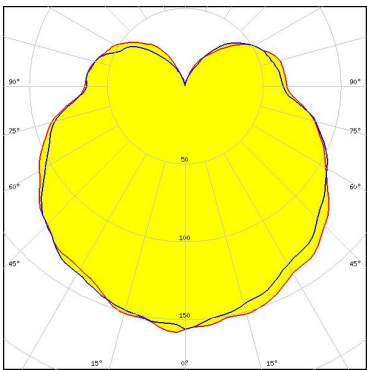
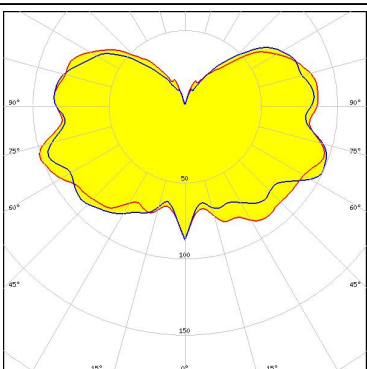
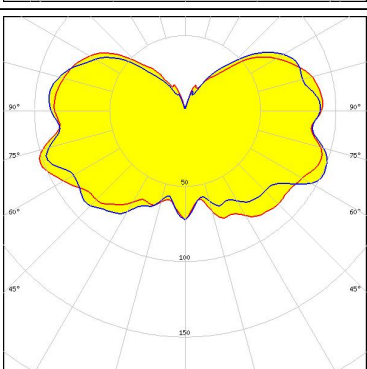
LED CXA/B 30xx  
 FWHM / FWTM 242.0° / 343.0°  
 Efficiency 97 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.319.2151



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 White  
 Required components:  
 BJB: 47.319.2011



### OPTICAL RESULTS (SIMULATED):

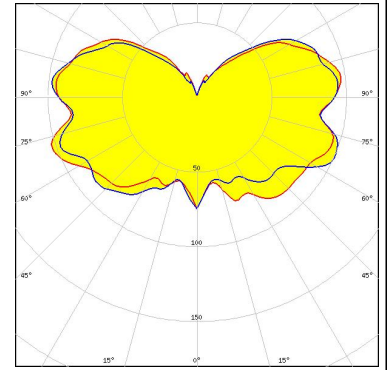
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1208            FWHM / FWTM 253.0° / 329.0°            Efficiency 94 %            Peak intensity 0.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.319.2011</p>	
<p><b>LUMILEDS</b></p> <p>LED 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 White            Required components:            A.A.G. STUCCHI: 8102-G2</p>	
<p><b>NICHIA</b></p> <p>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 White            Required components:            Bender Wirth: 638a Bayonet50</p>	
<p><b>NICHIA</b></p> <p>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 White            Required components:            Bender Wirth: 652a Bayonet50</p>	



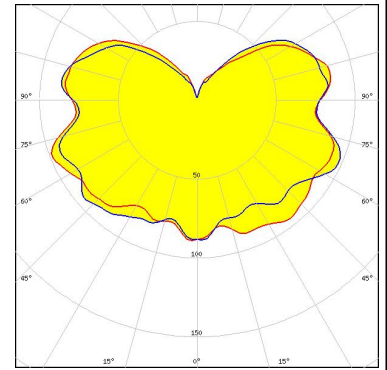
#### OPTICAL RESULTS (SIMULATED):



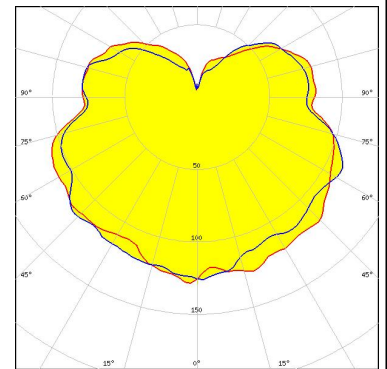
LED NF2x757G  
 FWHM / FWTM 262.0° / 322.0°  
 Efficiency 91 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 BJB: 47.319.2021



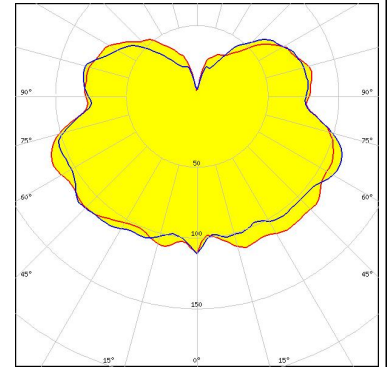
LED NF2x757G  
 FWHM / FWTM 264.0° / 326.0°  
 Efficiency 91 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 9  
 Light colour White  
 Required components:  
 BJB: 47.319.2021



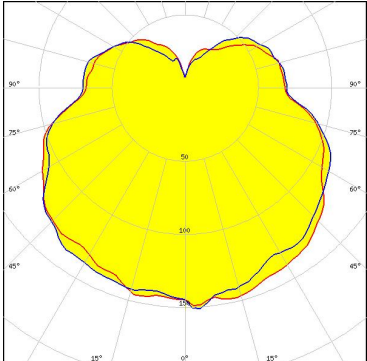
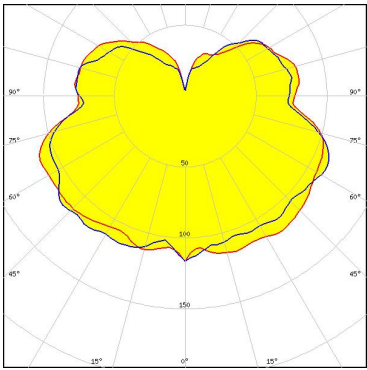
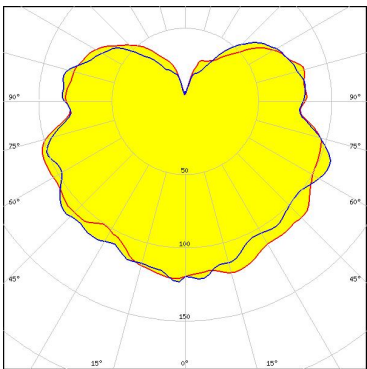
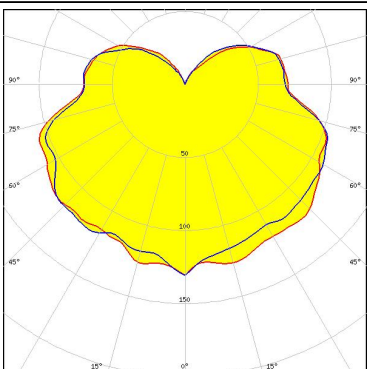
LED Soleriq S19  
 FWHM / FWTM 246.0° / 341.0°  
 Efficiency 97 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.319.2170



LED ZC12/18  
 FWHM / FWTM 265.0° / 138.0°  
 Efficiency 97 %  
 Peak intensity 0.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.319.2021



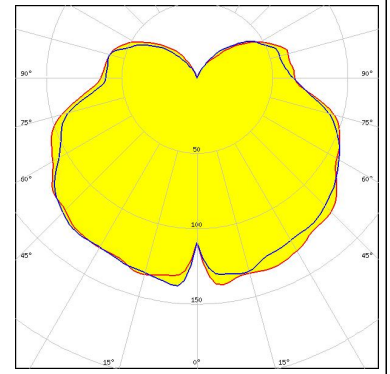
#### OPTICAL RESULTS (SIMULATED):

<p><b>SEOL</b> SEOUL SEMICONDUCTOR</p> <p>LED ZC25/40/60 FWHM / FWTM 166.0° / 342.0° Efficiency 97 % Peak intensity 0.2 cd/lm LEDs/each optic 1 Light colour White Required components: BJB: 47.319.2030</p>	
<p><b>SHARP</b></p> <p>LED Mega Zenigata (GW5DGC) FWHM / FWTM 257.0° / 78.0° Efficiency 96 % Peak intensity 0.1 cd/lm LEDs/each optic 1 Light colour White Required components: BJB: 47.319.2011</p>	
<p><b>SHARP</b></p> <p>LED Mega Zenigata (GW6DME) FWHM / FWTM 250.0° / 340.0° Efficiency 96 % Peak intensity 0.1 cd/lm LEDs/each optic 1 Light colour White Required components: BJB: 47.319.2011</p>	
<p><b>TRIDONIC</b></p> <p>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 White Required components:</p>	

## 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	White
Required components:	



### 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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