

### YASMEEN-50-ZOOM-C

Infinitely adjustable beam from 15 to 45 degrees.  
Assembly with holder C compatible with LEDiL HEKLA. Black version.

#### SPECIFICATION:

Dimensions	Ø 52.5 mm
Height	33.3 mm
ROHS compliant	yes ⓘ



#### MATERIALS:

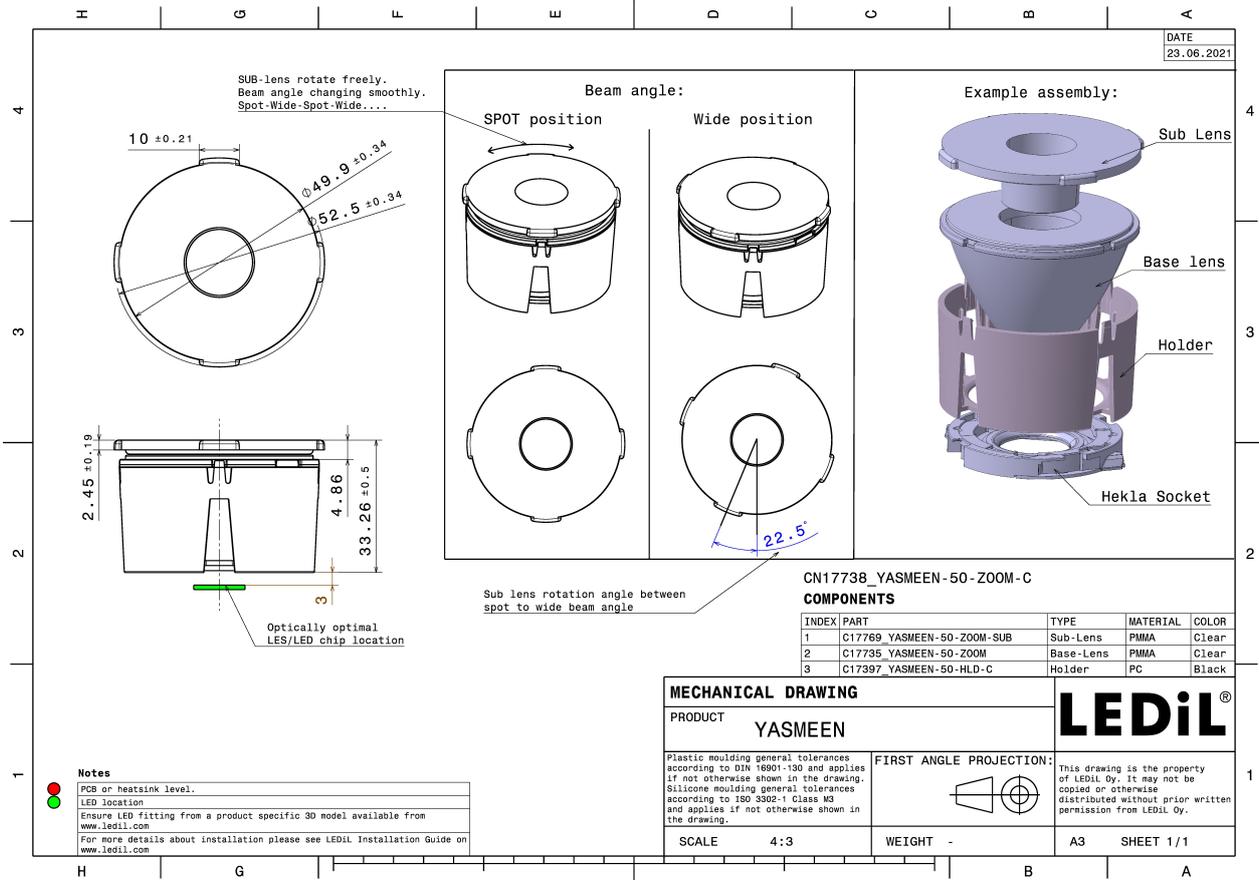
Component	Type	Material	Colour	Finish
CP17737_YASMEEN-50-ZOOM-C	Assembly			
C17769_YASMEEN-50-ZOOM-SUB	Sublens	PMMA		

#### ORDERING INFORMATION:

##### Quantities for one set:

Sublens	1
Assembly	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
C17769_YASMEEN-50-ZOOM-SUB » Box size: 480 x 280 x 165 mm	Sublens	252	112	28	2.9
CP17737_YASMEEN-50-ZOOM-C » Box size: 476 x 273 x 305 mm	Assembly	252	112	28	10.6

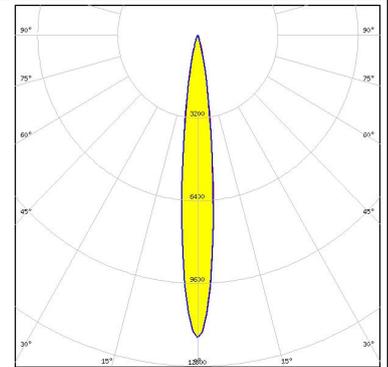


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (SIMULATED):

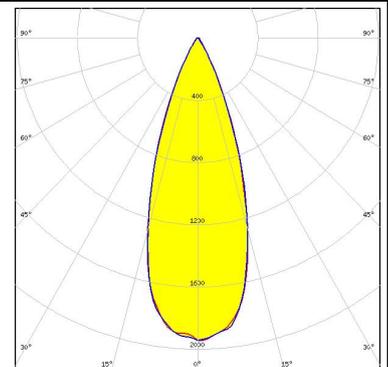


LED V4 HD Gen 7  
 FWHM / FWTM 12.0 + 45.0° / 26.0 + 70.0°  
 Efficiency 84 %  
 Peak intensity 11.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15253\_HEKLA-SOCKET-A

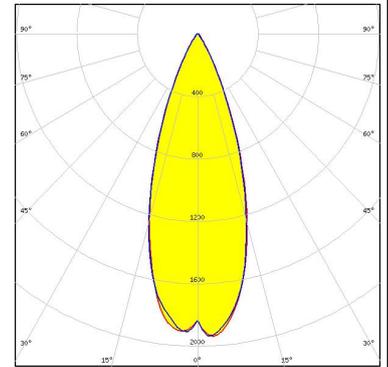


### CITIZEN

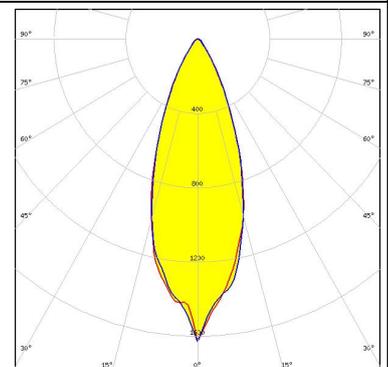
LED CLU712/713  
 FWHM / FWTM 20.0 + 46.0° / 38.0 + 76.0°  
 Efficiency 82 %  
 Peak intensity 5.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



LED CMT14xx  
 FWHM / FWTM 22.0 + 44.0° / 40.0 + 76.0°  
 Efficiency 82 %  
 Peak intensity 4.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



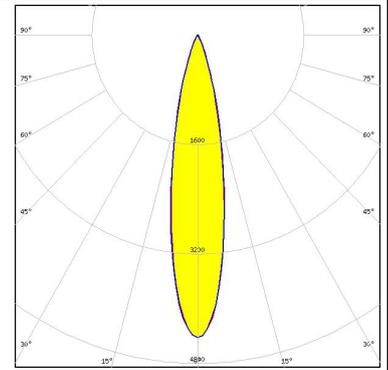
LED LUXEON CoB 1202/1203  
 FWHM / FWTM 25.0 + 44.0° / 52.0 + 81.0°  
 Efficiency 77 %  
 Peak intensity 2.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17437\_HEKLA-G2-H



### OPTICAL RESULTS (SIMULATED):

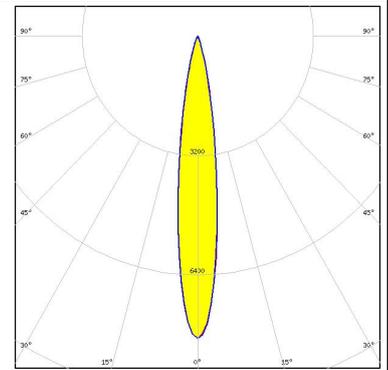
#### SAMSUNG

LED LC003D / LC006D / LC009D / LC013D  
 FWHM / FWTM 21.0 + 44.0° / 42.0 + 75.0°  
 Efficiency 79 %  
 Peak intensity 4.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



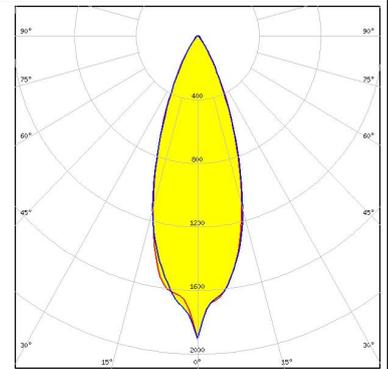
#### SAMSUNG

LED LC010C G2  
 FWHM / FWTM 15.0 + 44.0° / 31.0 + 71.0°  
 Efficiency 82 %  
 Peak intensity 8.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



#### SAMSUNG

LED LC020T (Tunable white)  
 FWHM / FWTM 24.0 + 44.0° / 46.0 + 78.0°  
 Efficiency 80 %  
 Peak intensity 3.4 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 501 Typ L8



### 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.

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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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

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