

## AMY-50-ZOOM-C

Infinitely adjustable beam from 20 to 50 degrees.  
Assembly with holder C compatible with LEDiL  
HEKLA. Black version.

### SPECIFICATION:

Dimensions	Ø 50.0 mm
Height	24.4 mm
ROHS compliant	yes ⓘ



### MATERIALS:

Component	Type	Material	Colour	Finish
CP18648_AMY-50-ZOOM-C	Assembly			
C18647_AMY-50-ZOOM-SUB	Sublens	PMMA	clear	matt

### ORDERING INFORMATION:

#### Quantities for one set:

Sublens	1
Assembly	1

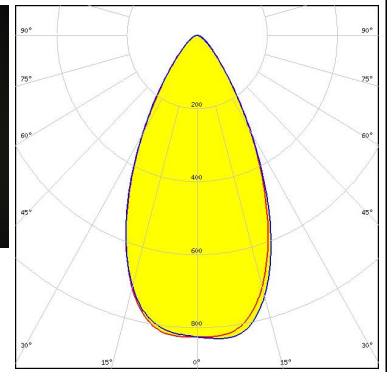
Component		Qty in box	MOQ	MPQ	Box weight (kg)
C18647_AMY-50-ZOOM-SUB » Box size: 400 x 300 x 160 mm	Sublens	420	120	30	4.4
CP18648_AMY-50-ZOOM-C » Box size: 480 x 280 x 300 mm	Assembly	420	120	30	9.4



### OPTICAL RESULTS (MEASURED):



LED CTM-14 (Tunable White) Gen2  
FWHM / FWTM 28.0 + 52.0° / 62.0 + 87.0°  
Efficiency 73 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 442 Typ L8

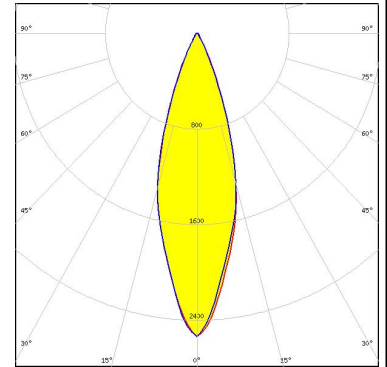




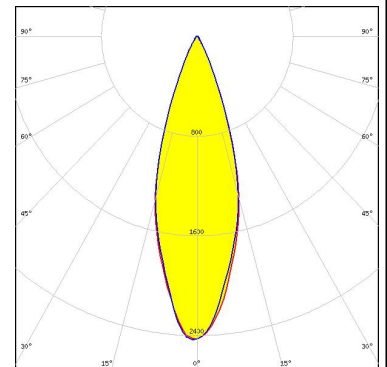
### OPTICAL RESULTS (SIMULATED):



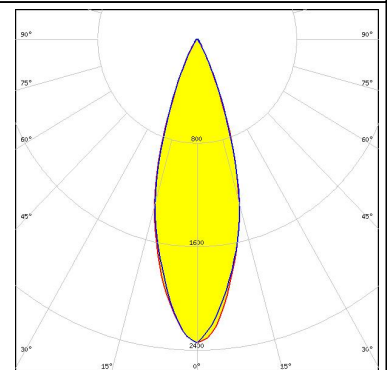
LED J Series 5050 Round LES  
FWHM / FWTM 12.0 + 40.0° / 26.0 + 66.0°  
Efficiency 83 %  
Peak intensity 10.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16142\_HEKLA-SOCKET-K



LED LUXEON 5050 Round LES  
FWHM / FWTM 12.0 + 42.0° / 27.0 + 66.0°  
Efficiency 83 %  
Peak intensity 10.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16142\_HEKLA-SOCKET-K



LED Duris S8  
FWHM / FWTM 13.0 + 43.0° / 28.0 + 68.0°  
Efficiency 83 %  
Peak intensity 9.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16142\_HEKLA-SOCKET-K



### 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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