

## AMY-70-ZOOM

Infinitely adjustable beam from 20 to 50 degrees

## SPECIFICATION:

Dimensions	Ø 69.9
Height	11.8 mm
Fastening	socket
ROHS compliant	yes ⓘ

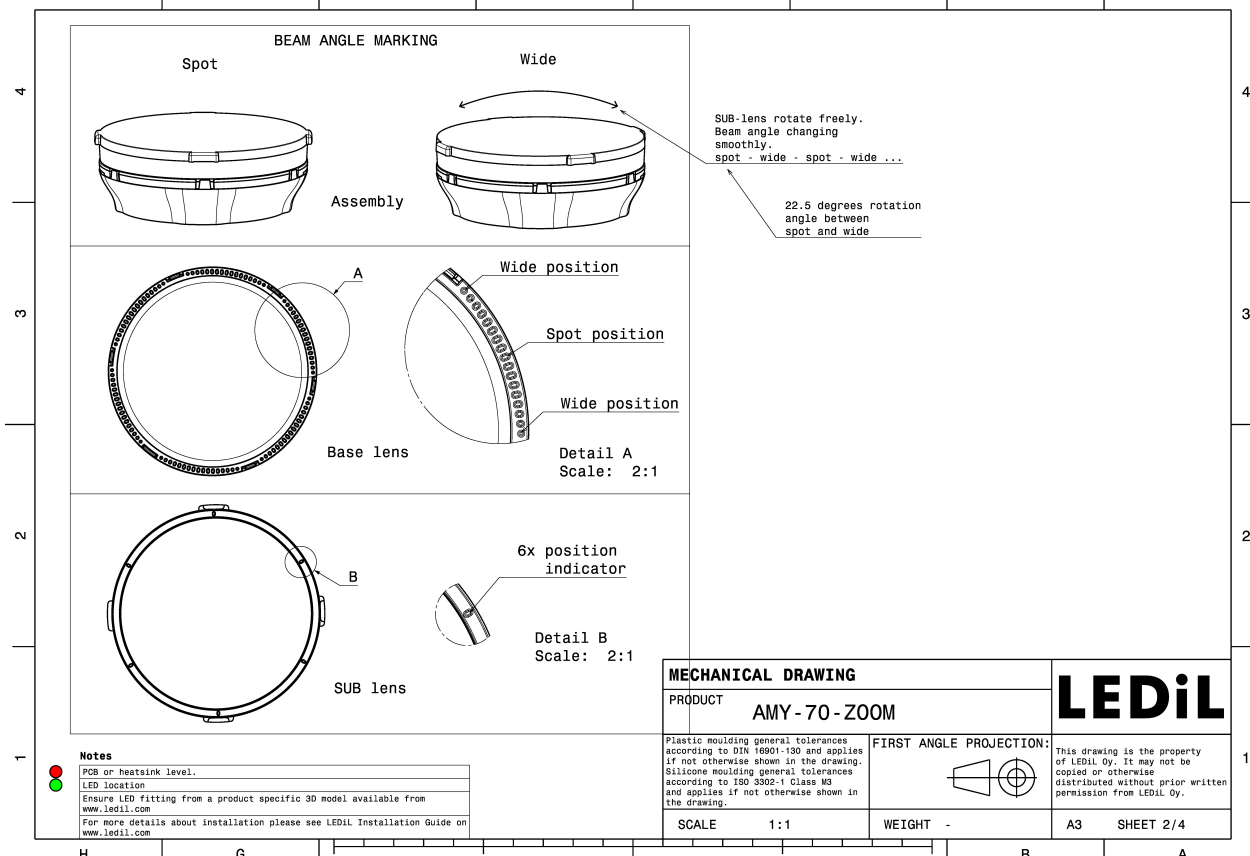
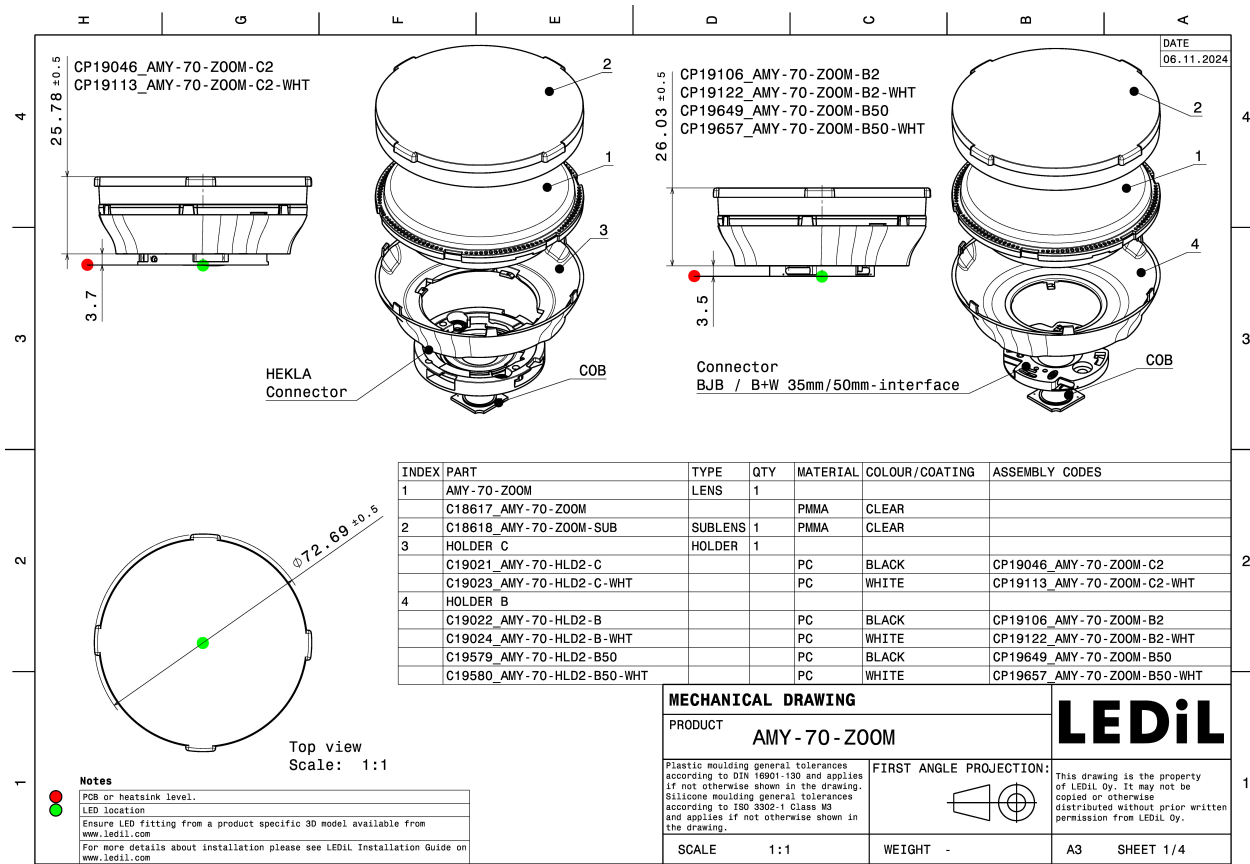
## MATERIALS:

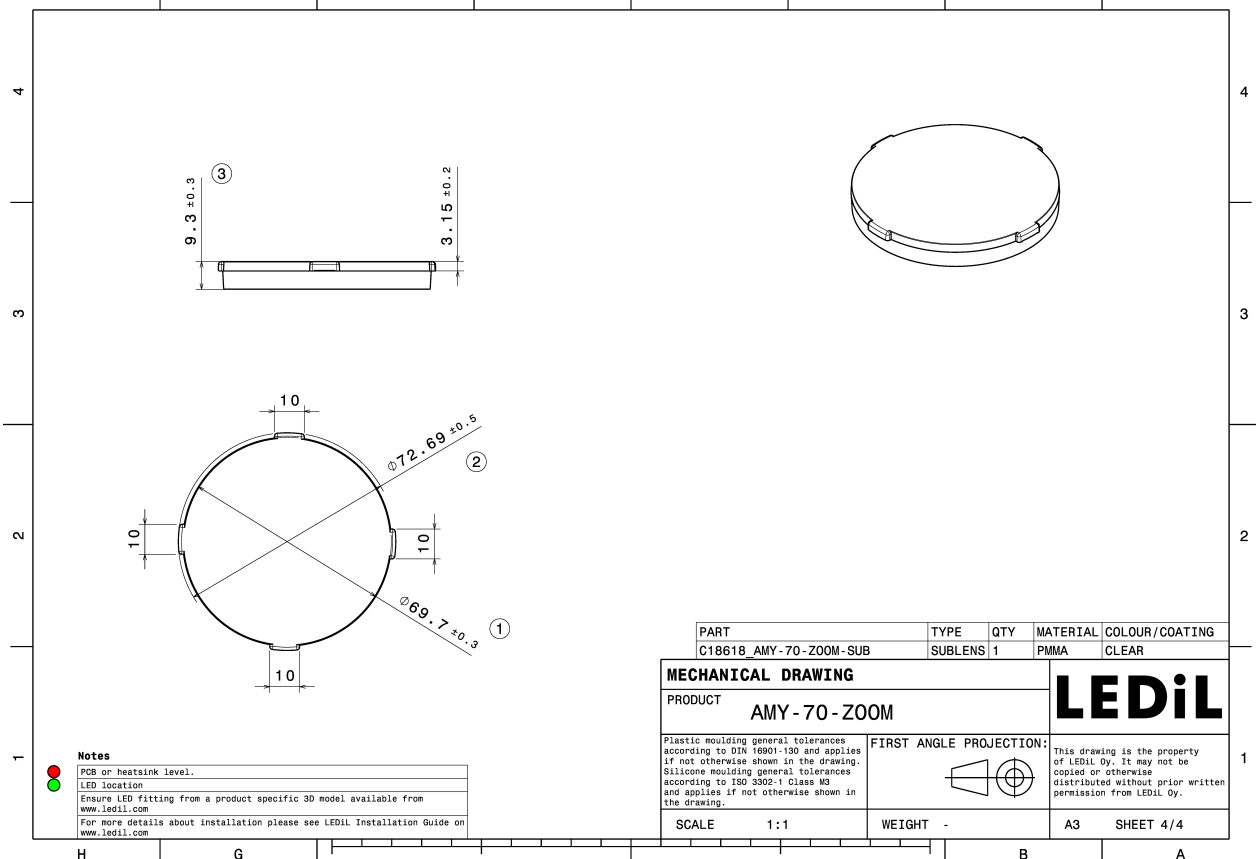
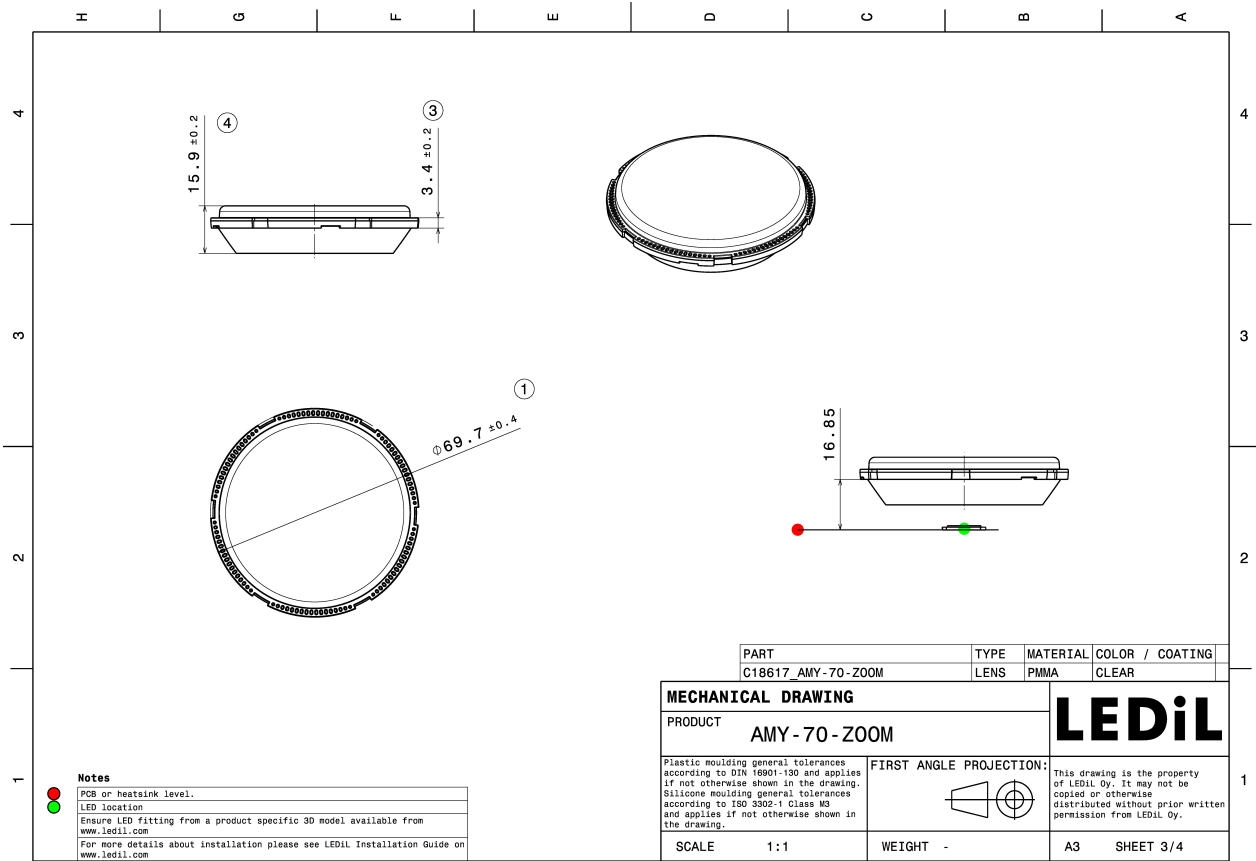
Component	Type	Material	Colour	Finish	Length (mm)
AMY-70-ZOOM	Single lens	PMMA	clear	gloss	
AMY-70-ZOOM-SUB	Sublens	PMMA	clear	matt	
AMY-70-HLD2-C	Holder C	PC	black		
AMY-70-HLD2-B	Holder B	PC	black		
AMY-70-HLD2-C-WHT	Holder C	PC	white		
AMY-70-HLD2-B-WHT	Holder B	PC	white		
AMY-70-HLD2-B50	Holder B	PC	black		
AMY-70-HLD2-B50-WHT	Holder B	PC	white		



## ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18617_AMY-70-ZOOM	165	165	15	7.3
C18618_AMY-70-ZOOM-SUB	165	165	15	4.1
<b>Assembly</b>				
CP19657_AMY-70-ZOOM-B50-WHT	165	165	15	8.6
CP19649_AMY-70-ZOOM-B50	165	165	15	8.6
CP19122_AMY-70-ZOOM-B2-WHT	165	165	15	8.8
CP19113_AMY-70-ZOOM-C2-WHT	165	165	15	8.6
CP19106_AMY-70-ZOOM-B2	165	165	15	8.8
CP19046_AMY-70-ZOOM-C2	165	165	15	8.6





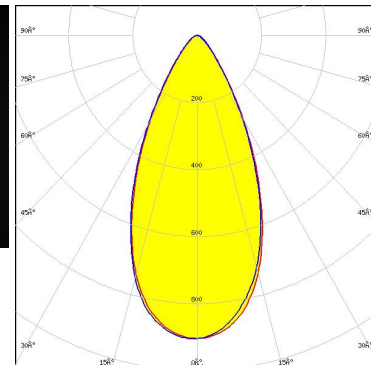
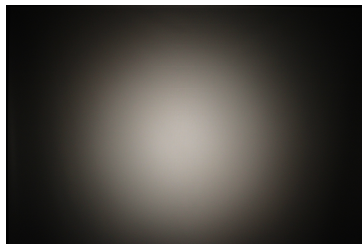
See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)



### OPTICAL RESULTS (MEASURED):



LED CTM-14 (Tunable White) Gen2  
 Ordering code CP19046\_AMY-70-ZOOM-C2  
 FWHM / FWTM 22.0 + 49.0° / 49.0 + 83.0°  
 Efficiency 69 %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C18618\_AMY-70-ZOOM-SUB  
 Bender Wirth: 442 Typ L8

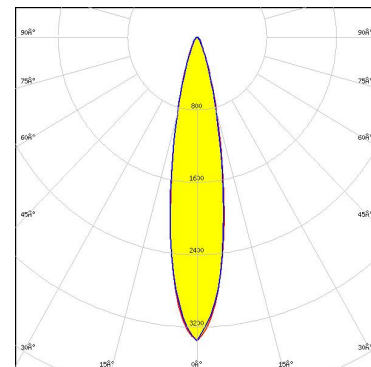


Light distribution files

### OPTICAL RESULTS (SIMULATED):



LED	Vesta SE 13mm TW
Ordering code	CP19046_AMY-70-ZOOM-C2
FWHM / FWTM	21.0 + 49.0° / 43.0 + 86.0°
Efficiency	74 %
Peak intensity	3.4 cd/Im
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	
C18618_AMY-70-ZOOM-SUB	



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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