

## AMY-50-ZOOM

Infinitely adjustable beam from 20 to 50 degrees

## SPECIFICATION:

Dimensions	Ø 49.9
Height	13.6 mm
Fastening	socket
ROHS compliant	yes ⓘ

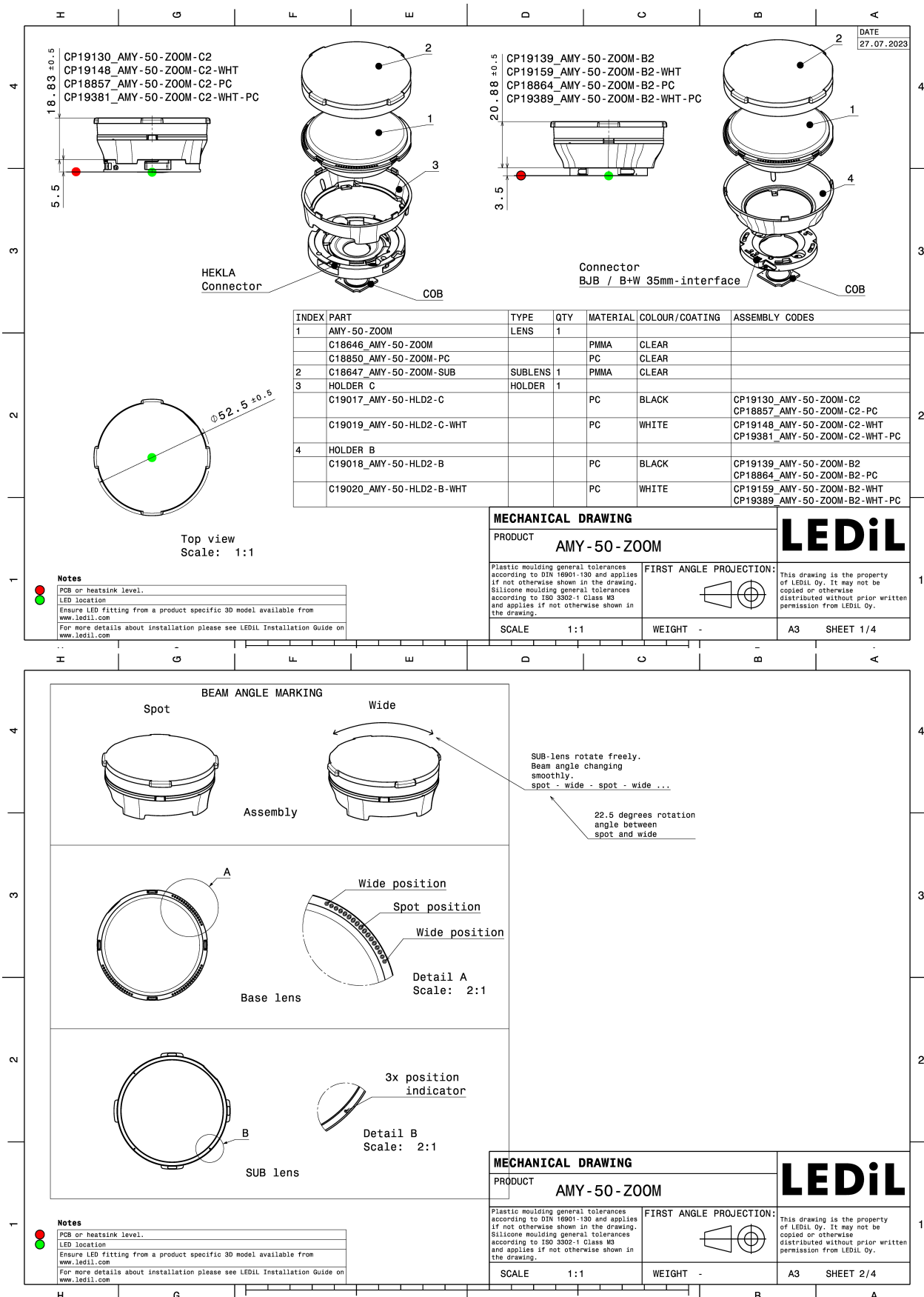
## MATERIALS:

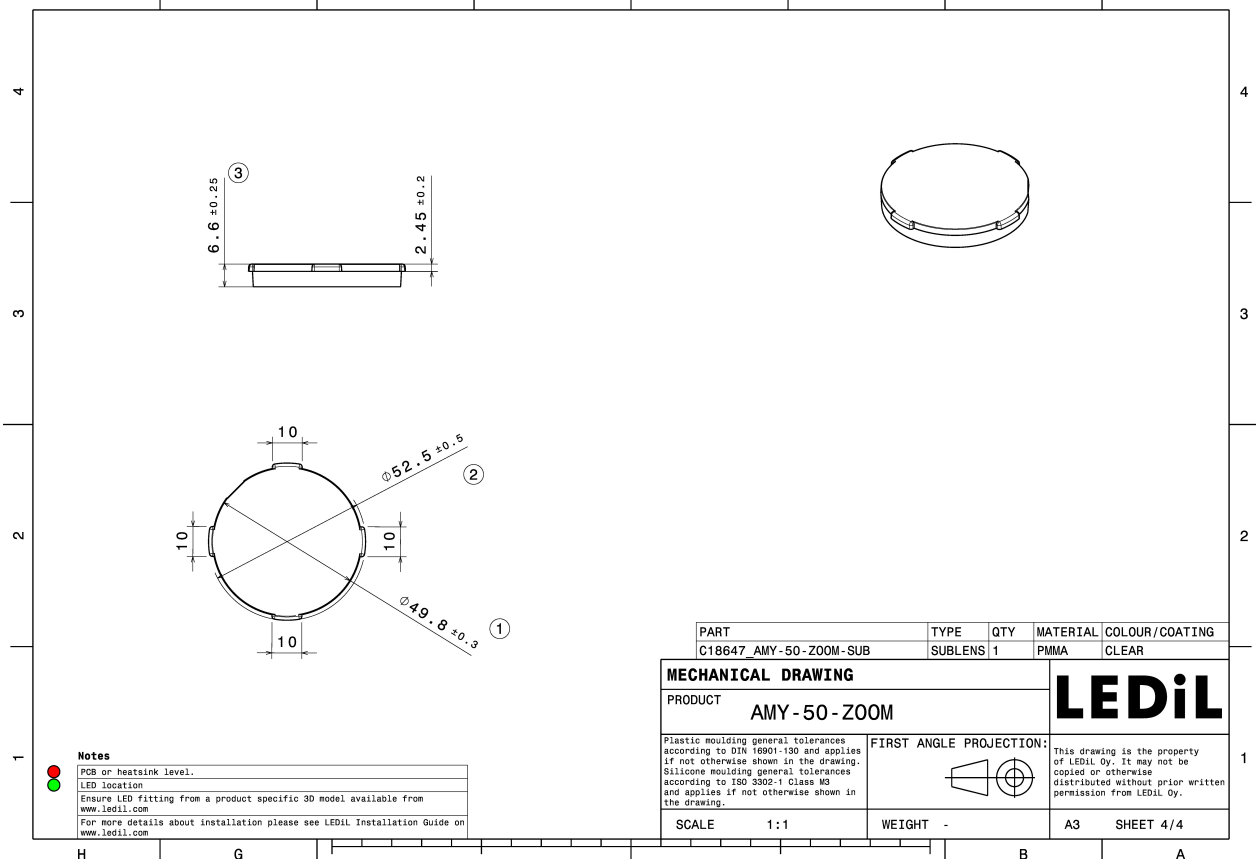
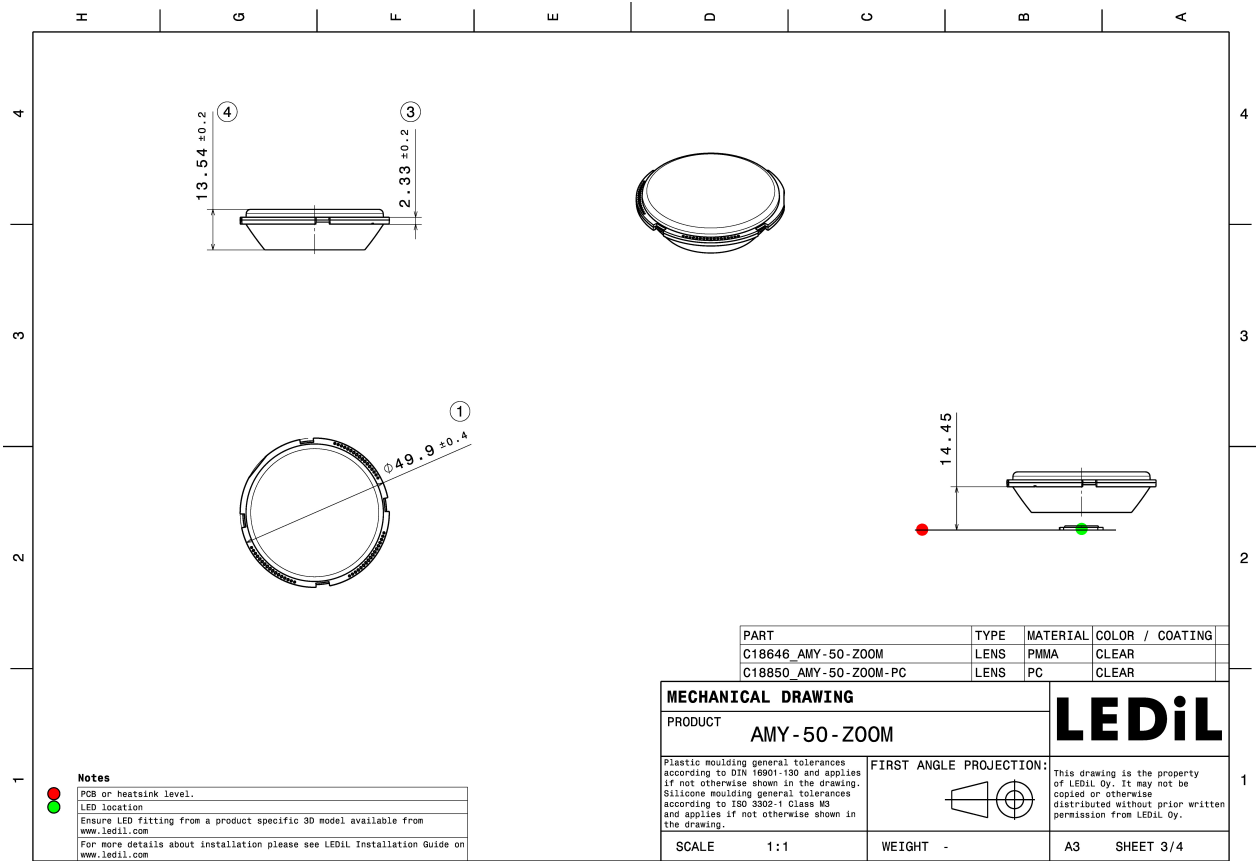
Component	Type	Material	Colour	Finish	Length (mm)
AMY-50-ZOOM	Single lens	PMMA	clear	gloss	
AMY-50-ZOOM-SUB	Sublens	PMMA	clear	matt	
AMY-50-HLD2-C	Holder C	PC	black		
AMY-50-HLD2-B	Holder B	PC	black		
AMY-50-HLD2-C-WHT	Holder C	PC	white		
AMY-50-HLD2-B-WHT	Holder B	PC	white		



## ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18646_AMY-50-ZOOM	420	120	30	7.6
C18647_AMY-50-ZOOM-SUB	420	120	30	4.4
<b>Assembly</b>				
CP19159_AMY-50-ZOOM-B2-WHT	420	120	30	9.0
CP19148_AMY-50-ZOOM-C2-WHT	420	120	30	8.7
CP19139_AMY-50-ZOOM-B2	420	120	30	9.0
CP19130_AMY-50-ZOOM-C2	420	120	30	8.7





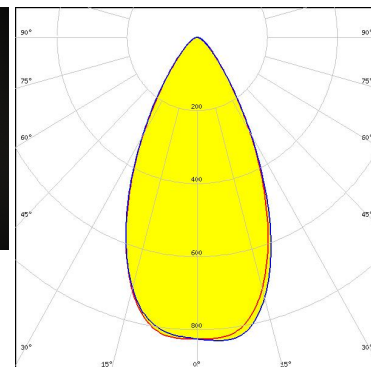
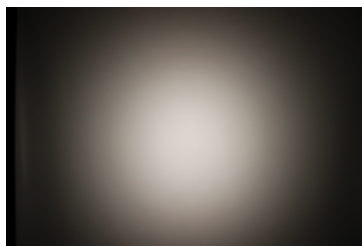
See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)



### OPTICAL RESULTS (MEASURED):



LED CTM-14 (Tunable White) Gen2  
 Ordering code CP19130\_AMY-50-ZOOM-C2  
 FWHM / FWTM 28.0 + 52.0° / 62.0 + 87.0°  
 Efficiency 73 %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 C18647\_AMY-50-ZOOM-SUB  
 Bender Wirth: 442 Typ L8

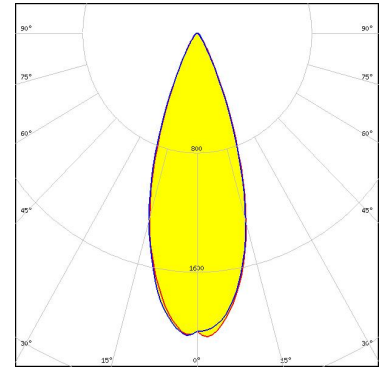


Light distribution files

### OPTICAL RESULTS (SIMULATED):



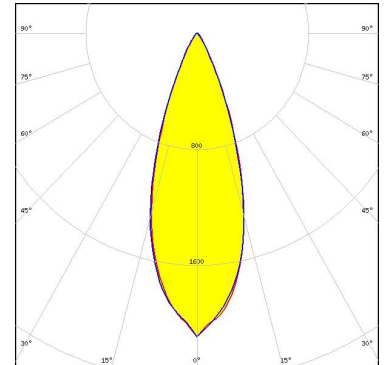
**LED** V6 HD Gen 8  
**Ordering code** CP19148\_AMY-50-ZOOM-C2-WHT  
**FWHM / FWTM** 16.0 + 48.0° / 35.0 + 74.0°  
**Efficiency** 88 %  
**Peak intensity** 6.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F19858\_HEKLA-G2B-C3  
 C18647\_AMY-50-ZOOM-SUB



Light distribution files



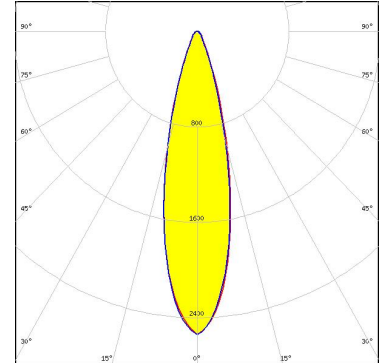
**LED** V6 HD Gen 8  
**Ordering code** CP19130\_AMY-50-ZOOM-C2  
**FWHM / FWTM** 16.0 + 48.0° / 35.0 + 73.0°  
**Efficiency** 85 %  
**Peak intensity** 6.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F19858\_HEKLA-G2B-C3  
 C18647\_AMY-50-ZOOM-SUB



Light distribution files



**LED** Vesta SE 13mm TW  
**Ordering code** CP19130\_AMY-50-ZOOM-C2  
**FWHM / FWTM** 26.0 + 48.0° / 50.0 + 83.0°  
**Efficiency** 77 %  
**Peak intensity** 2.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 C18647\_AMY-50-ZOOM-SUB

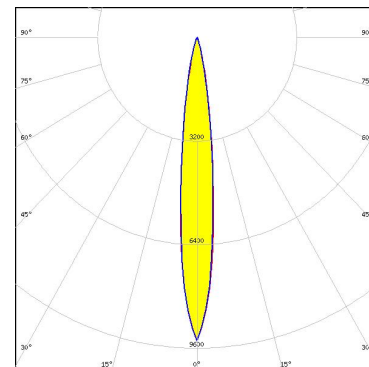


Light distribution files

### OPTICAL RESULTS (SIMULATED):



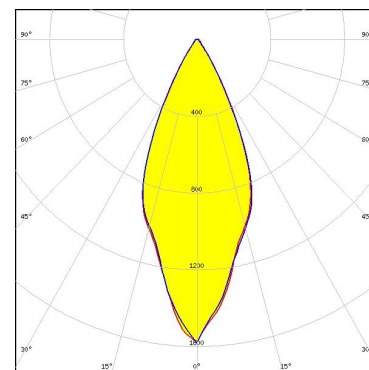
LED CxM-9 (13.5x13.5)  
 FWHM / FWTM 12.0 + 34.0° / 28.0 + 50.0°  
 Efficiency 74 %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED Duris S8  
 Ordering code CP19130\_AMY-50-ZOOM-C2  
 FWHM / FWTM 13.0 + 43.0° / 28.0 + 68.0°  
 Efficiency 83 %  
 Peak intensity 9.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 C18647\_AMY-50-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.

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