

AMY-50-ZOOM

Infinitely adjustable beam from 20 to 50 degrees

SPECIFICATION:

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

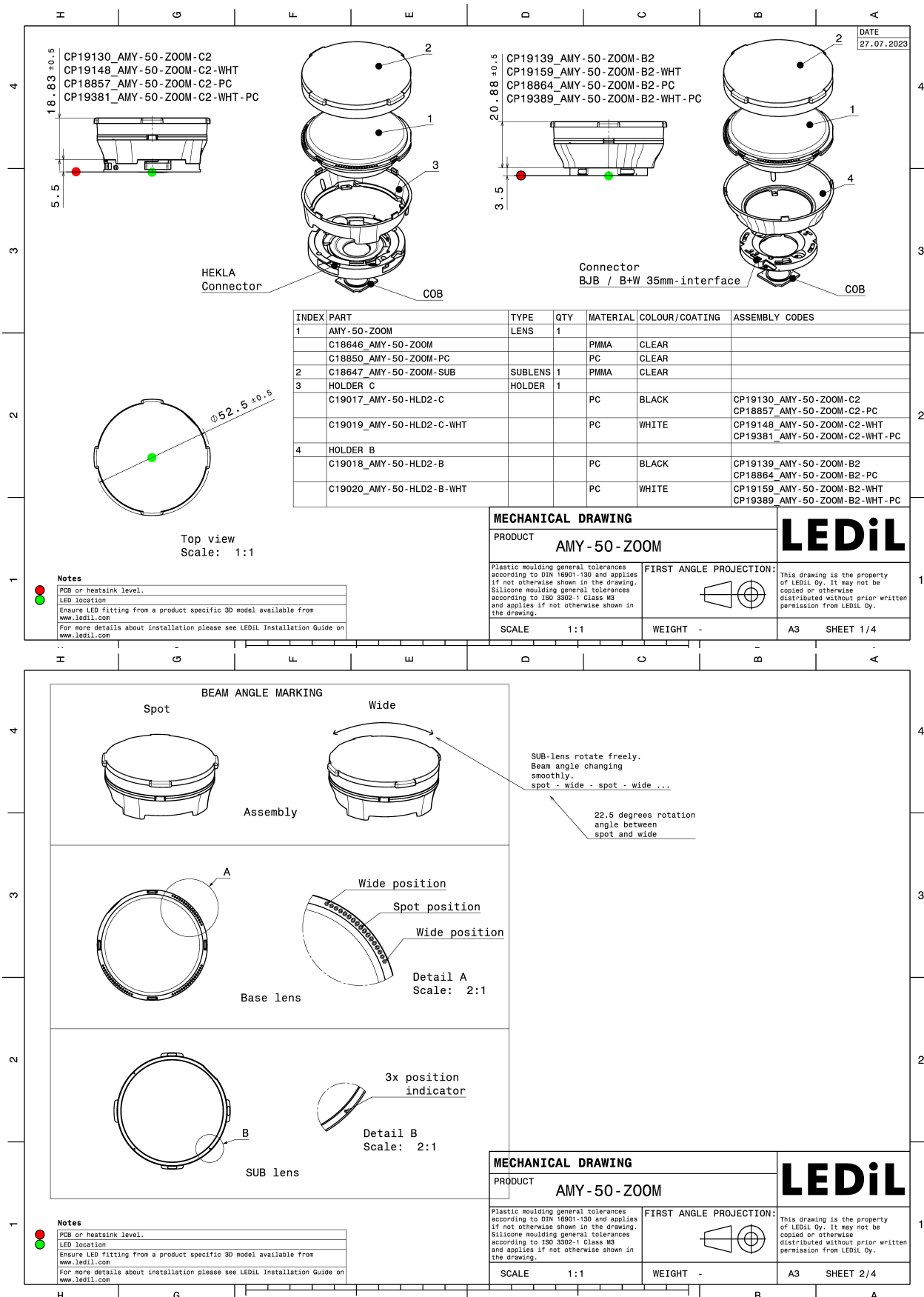
MATERIALS:

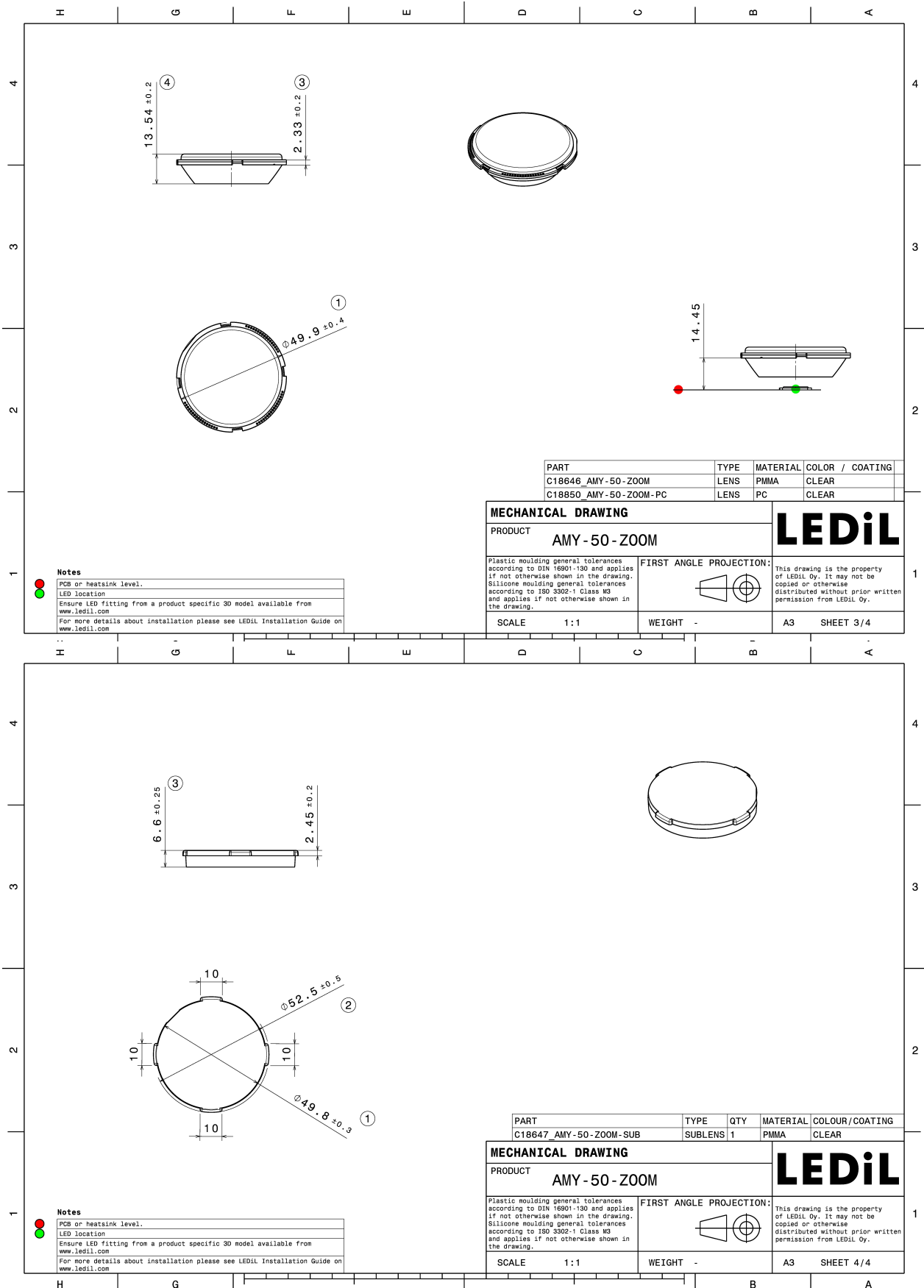
Component	Type	Material	Colour	Finish
AMY-50-ZOOM	Single lens	PMMA	clear	gloss
AMY-50-ZOOM-SUB	Sublens	PMMA	clear	matt
AMY-50-HLD2-C	Holder C	PC	black	
AMY-50-HLD2-B	Holder B	PC	black	
AMY-50-HLD2-C-WHT	Holder C	PC	white	
AMY-50-HLD2-B-WHT	Holder B	PC	white	



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
Assembly				
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



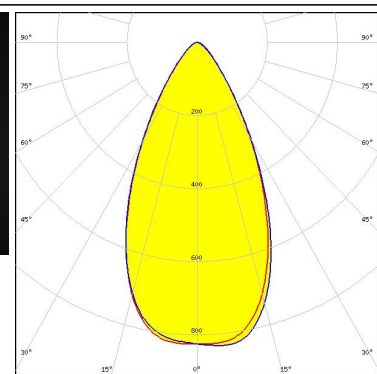
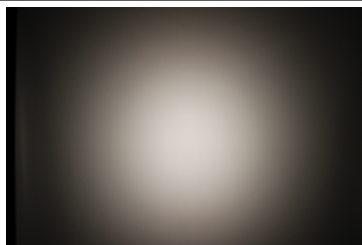


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



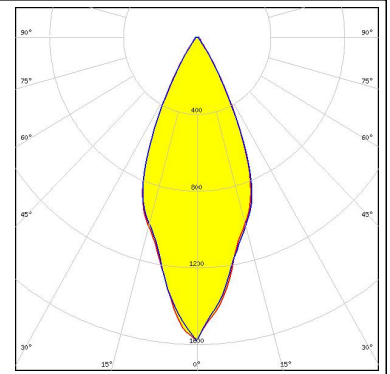
LED CTM-14 (Tunable White) Gen2
 Ordering code CP19130_AMY-50-ZOOM-C2
 FWHM / FWTM 28.0 + 52.0° / 62.0 + 87.0°
 Efficiency 73 %
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 C18647_AMY-50-ZOOM-SUB
 Bender Wirth: 442 Typ L8



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

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/Im
LEDs/each optic	1
Light colour	White
Required components:	
	C16142_HEKLA-SOCKET-K
	C18647_AMY-50-ZOOM-SUB



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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