

YASMEEN-50-ZOOM

Infinitely adjustable beam from 15 to 45 degrees

SPECIFICATION:

Dimensions	Ø 49.9 mm
Height	29 mm
Fastening	socket
ROHS compliant	yes ⓘ

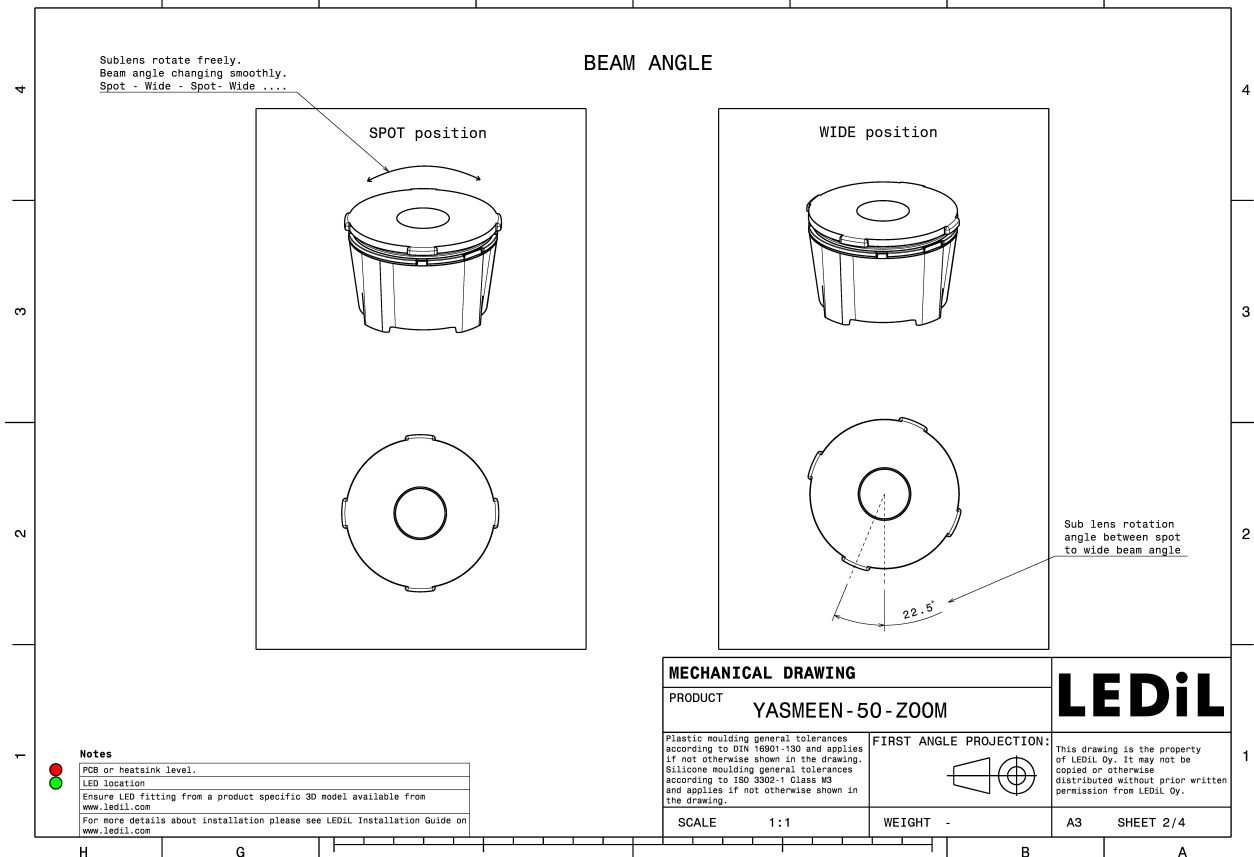
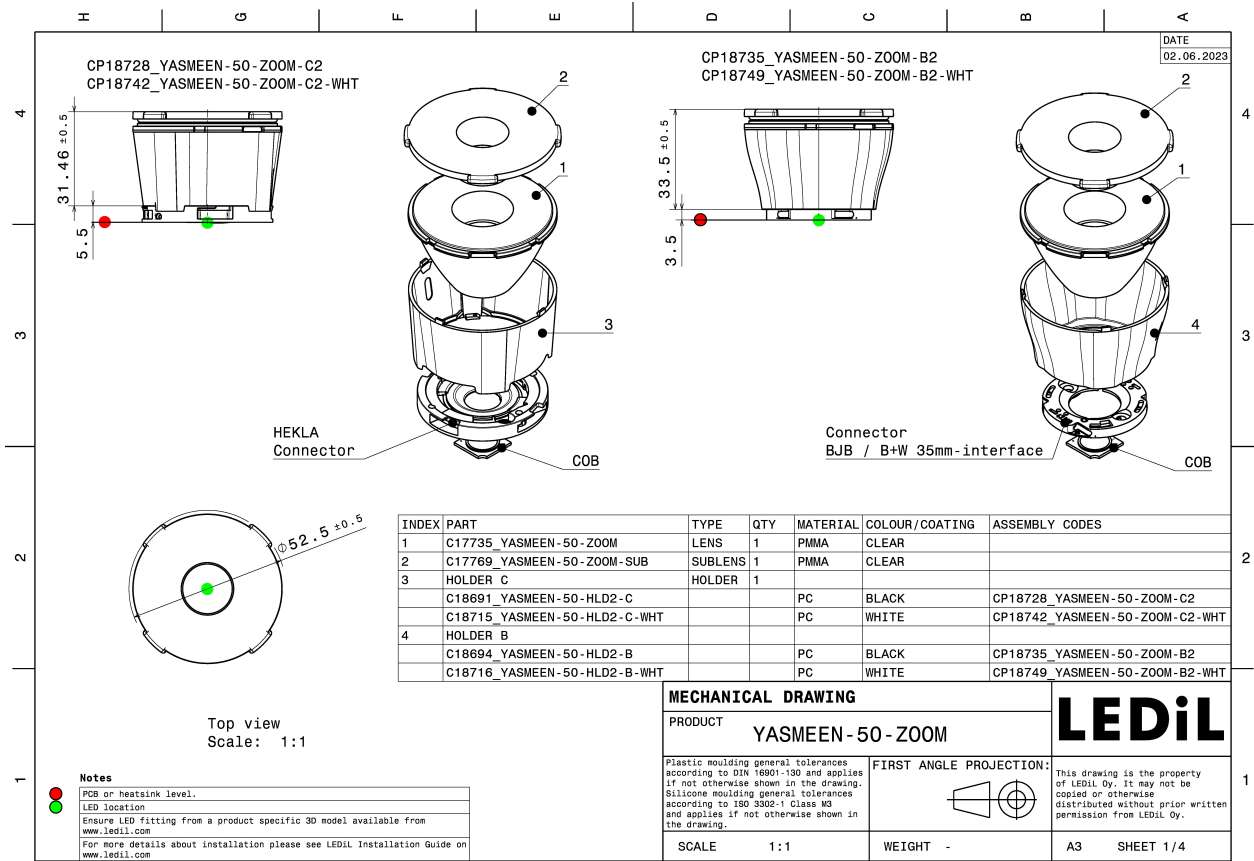
MATERIALS:

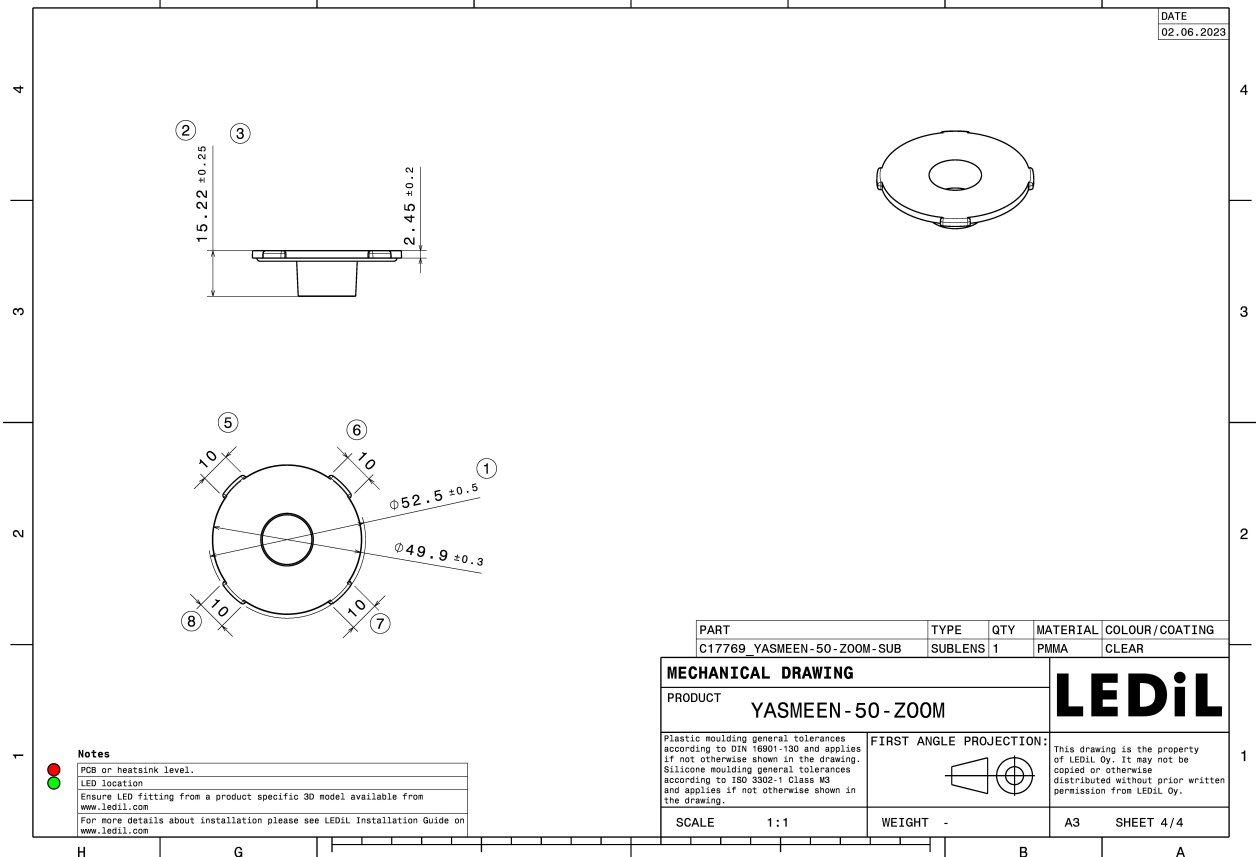
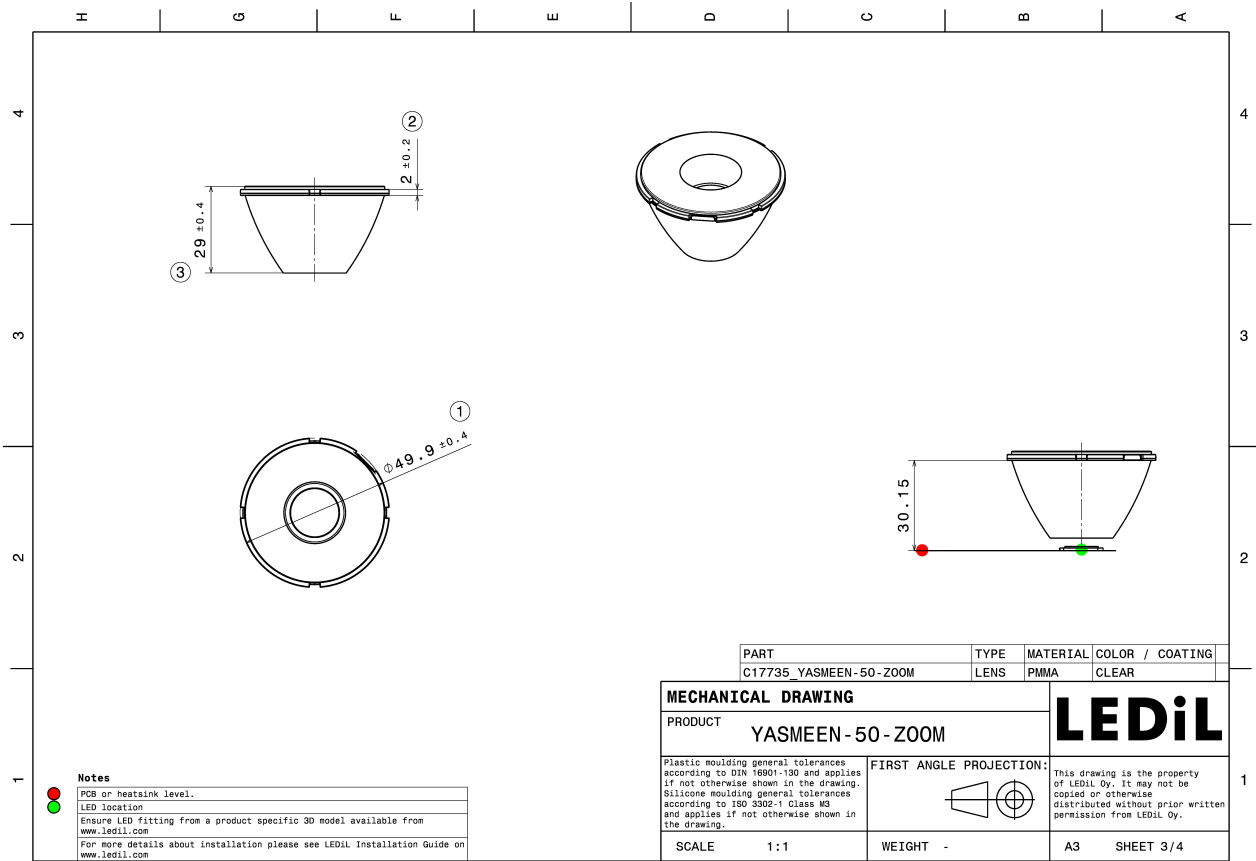
Component	Type	Material	Colour	Finish
YASMEEN-50-ZOOM	Single lens	PMMA		
YASMEEN-50-ZOOM-SUB	Sublens	PMMA		
YASMEEN-50-HLD2-C	Holder C	PC	black	
YASMEEN-50-HLD2-B	Holder B	PC	black	
YASMEEN-50-HLD2-C-WHT	Holder C	PC	white	
YASMEEN-50-HLD2-B-WHT	Holder B	PC	white	



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17735_YASMEEN-50-ZOOM	252	112	28	8.4
C17769_YASMEEN-50-ZOOM-SUB	252	112	28	2.9
Assembly				
CP18749_YASMEEN-50-ZOOM-B2-WHT	252	112	28	10.1
CP18742_YASMEEN-50-ZOOM-C2-WHT	252	112	28	9.9
CP18735_YASMEEN-50-ZOOM-B2	252	112	28	10.1
CP18728_YASMEEN-50-ZOOM-C2	252	112	28	9.9



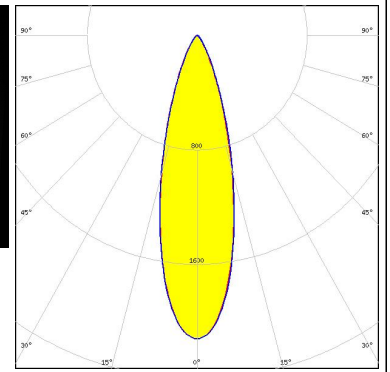
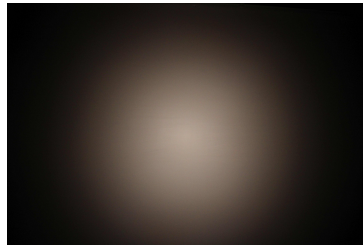


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



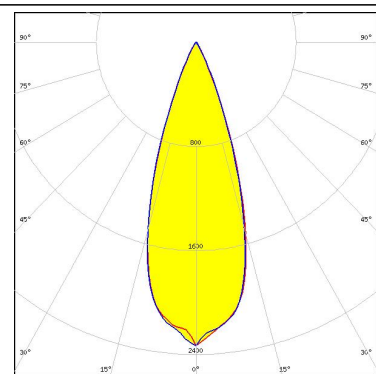
LED	CTM-14 (Tunable White) Gen2
Ordering code	CN18729_YASMEEN-50-ZOOM-C2
FWHM / FWTM	29.0 + 43.0° / 57.0 + 80.0°
Efficiency	72 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour	Tunable White
Required components:	
C16142_HEKLA-SOCKET-K	
C17769_YASMEEN-50-ZOOM-SUB	
Bender Wirth: 442 Typ L8	



OPTICAL RESULTS (SIMULATED):



LED	CMA1303
Ordering code	CP18735_YASMEEN-50-ZOOM-B2
FWHM / FWTM	13.0 + 45.0° / 26.0 + 70.0°
Efficiency	85 %
Peak intensity	11.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C17769_YASMEEN-50-ZOOM-SUB	
Bender Wirth: 634c Bayonet35L	



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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