

YASMEEN-50-ZOOM

Infinitely adjustable beam from 15 to 45 degrees

SPECIFICATION:

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

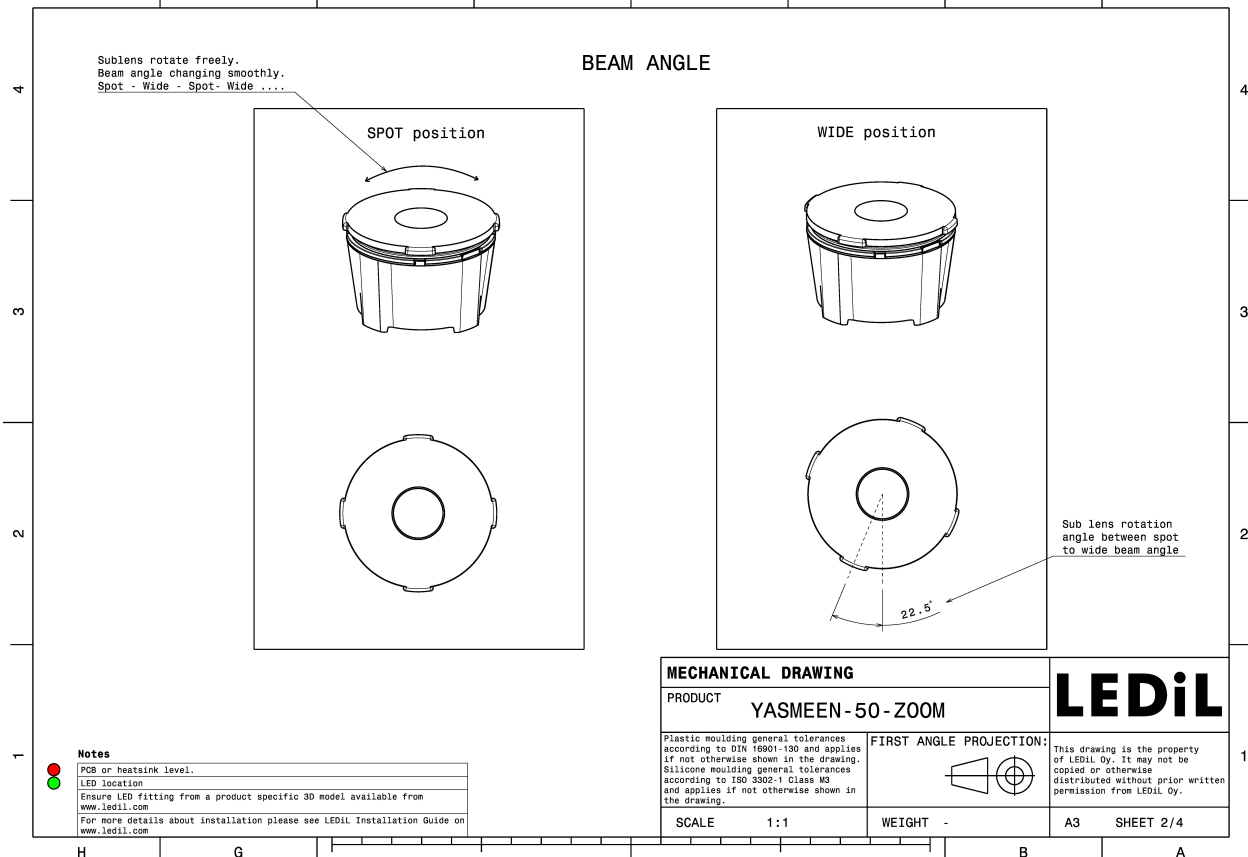
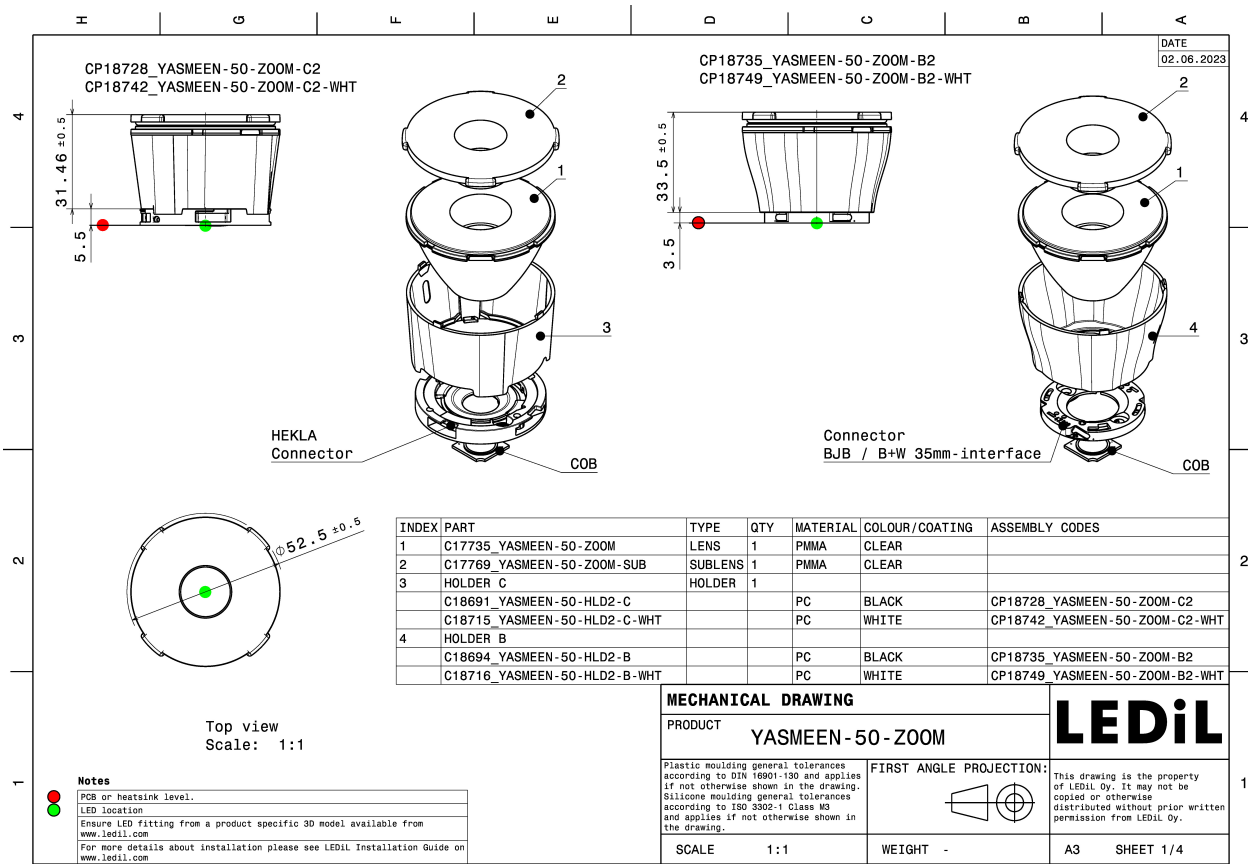
MATERIALS:

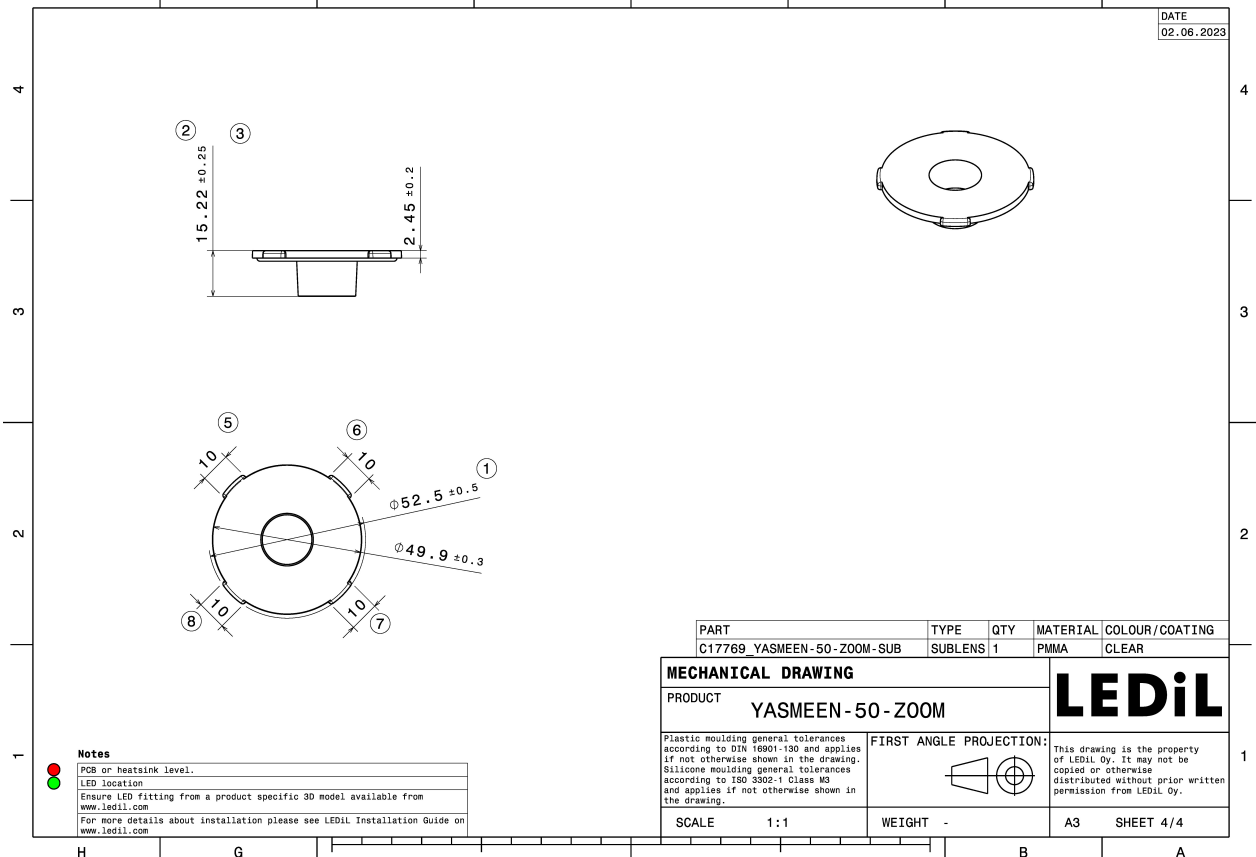
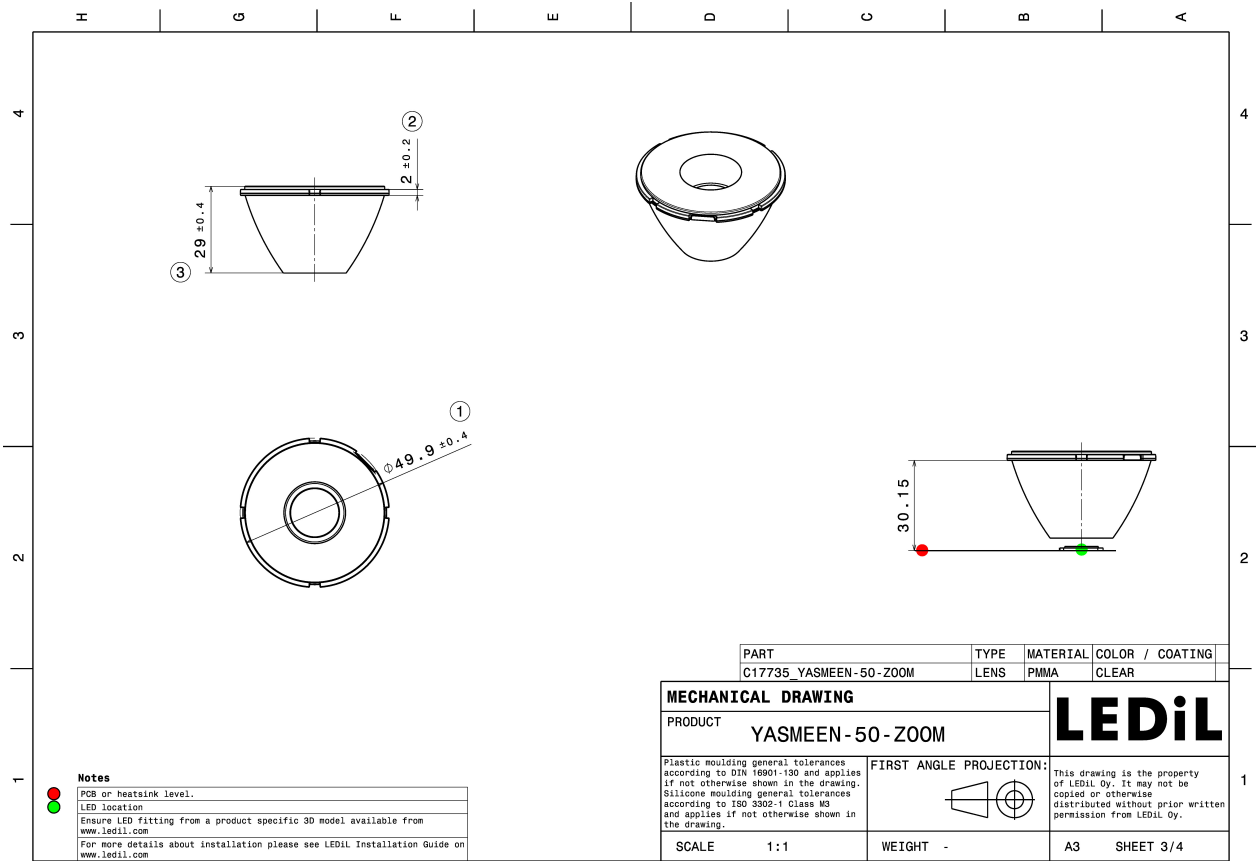


Component	Type	Material	Colour	Finish	Length (mm)
YASMEEN-50-ZOOM	Single lens	PMMA			
YASMEEN-50-ZOOM-SUB	Sublens	PMMA			
YASMEEN-50-HLD2-C	Holder C	PC	black		
YASMEEN-50-HLD2-B	Holder B	PC	black		
YASMEEN-50-HLD2-C-WHT	Holder C	PC	white		
YASMEEN-50-HLD2-B-WHT	Holder B	PC	white		

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



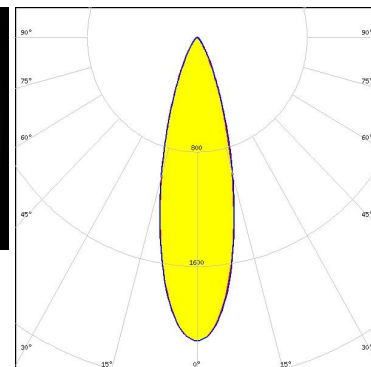
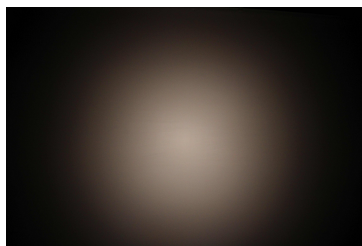


See also our general installation guide: www.ledil.com/installation_guide

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/type Tunable White
Required components:
 C16142_HEKLA-SOCKET-K
 C17769_YASMEEN-50-ZOOM-SUB
 Bender Wirth: 442 Typ L8

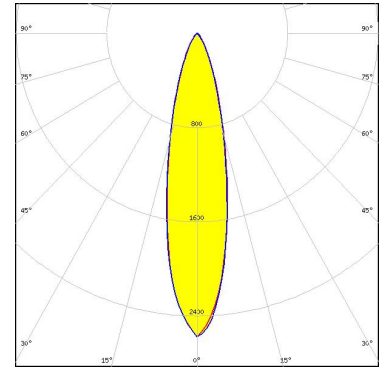


Light distribution files

OPTICAL RESULTS (SIMULATED):



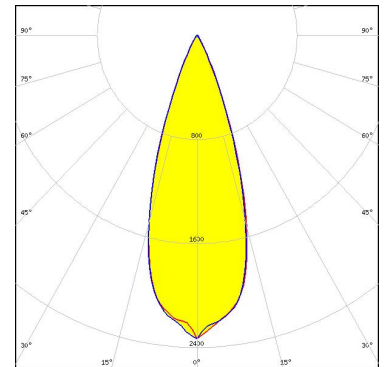
LED Vesta SE 13mm TW
 Ordering code CP18728_YASMEEN-50-ZOOM-C2
 FWHM / FWTM 24.0 + 44.0° / 52.0 + 83.0°
 Efficiency 72 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 C17769_YASMEEN-50-ZOOM-SUB



Light distribution files



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/type White
 Required components:
 C17769_YASMEEN-50-ZOOM-SUB

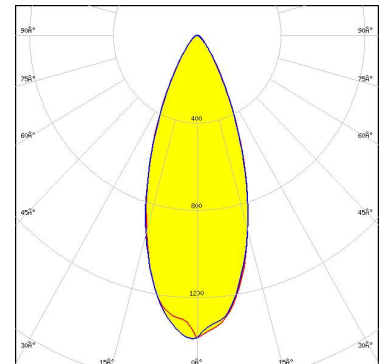


Light distribution files

Bender Wirth: 634c Bayonet35L



LED LUXEON CoB 1208
 Ordering code CP18728_YASMEEN-50-ZOOM-C2
 FWHM / FWTM 28.0 + 46.0° / 56.0 + 84.0°
 Efficiency 78 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



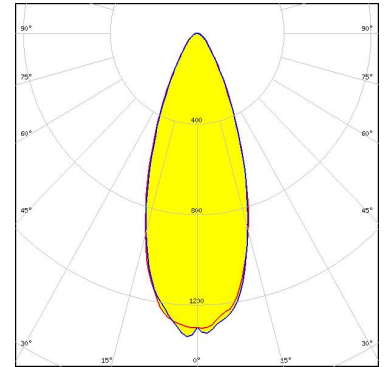
Light distribution files

Bender Wirth: 632a Hekla XL

OPTICAL RESULTS (SIMULATED):

PHILIPS

LED Fortimo SLM L13 CoB
 Ordering code CP18742_YASMEEN-50-ZOOM-C2-WHT
 FWHM / FWTM 24.0 + 42.0° / 54.0 + 85.0°
 Efficiency 80 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C17769_YASMEEN-50-ZOOM-SUB

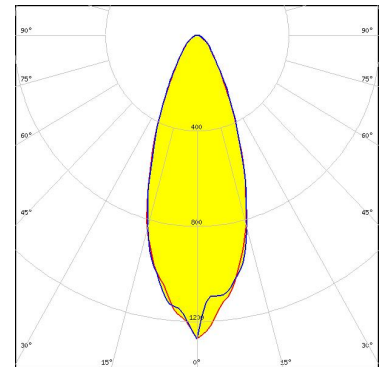


Light distribution files

Bender Wirth: 632a Hekla XL

PHILIPS

LED Fortimo SLM L15 CoB
 Ordering code CP18742_YASMEEN-50-ZOOM-C2-WHT
 FWHM / FWTM 24.0 + 45.0° / 56.0 + 93.0°
 Efficiency 78 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C17769_YASMEEN-50-ZOOM-SUB



Light distribution files

Bender Wirth: 632a Hekla XL

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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