

YASMEEN-50-S-B

~15° spot beam. Assembly with holder B compatible with Ø35 mm BJB and B+W connectors. Black version.

SPECIFICATION:

Dimensions	Ø 49.9 mm
Height	30.5 mm
ROHS compliant	yes ⓘ

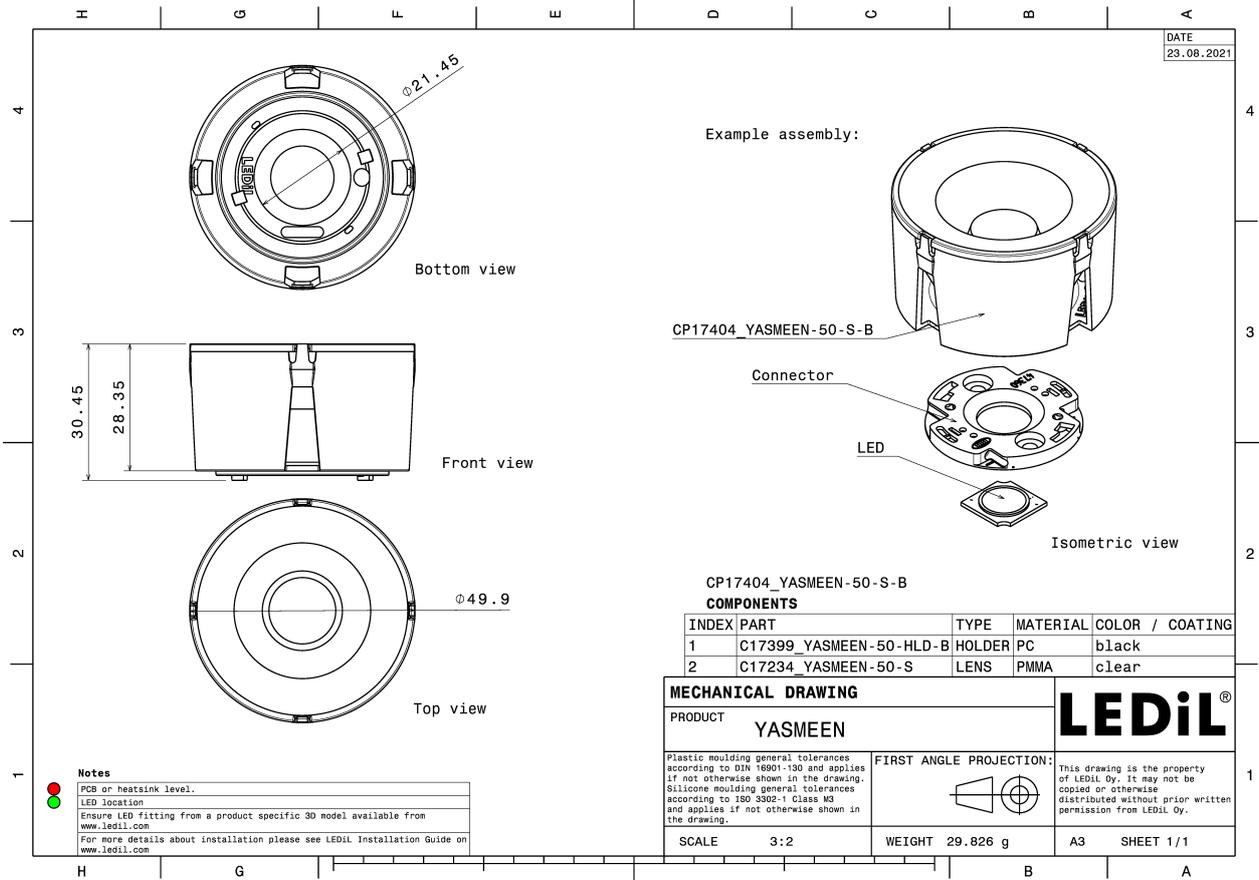


MATERIALS:

Component	Type	Material	Colour	Finish
YASMEEN-50-S	Single lens	PMMA	clear	
YASMEEN-50-HLD-B	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP17404_YASMEEN-50-S-B	Single lens	252	112	28	8.9
» Box size: 476 x 273 x 305 mm					

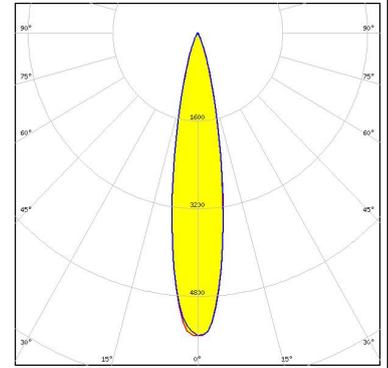


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (SIMULATED):

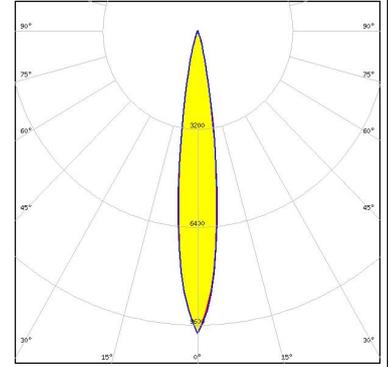
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM / FWTM 20.0° / 38.0°
 Efficiency 85 %
 Peak intensity 5.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



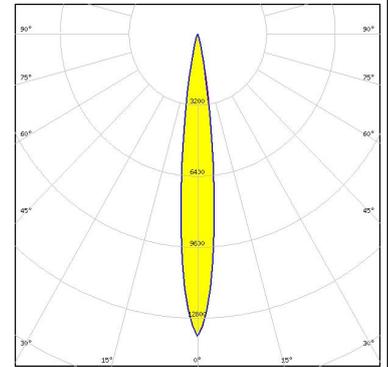
CITIZEN

LED CLU700/701/702/703
 FWHM / FWTM 14.0° / 29.0°
 Efficiency 88 %
 Peak intensity 9.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



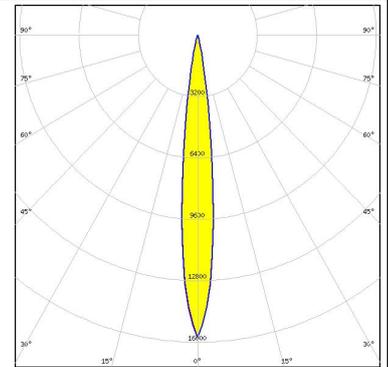
CITIZEN

LED CLU7A2/7A3
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 90 %
 Peak intensity 13.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



CITIZEN

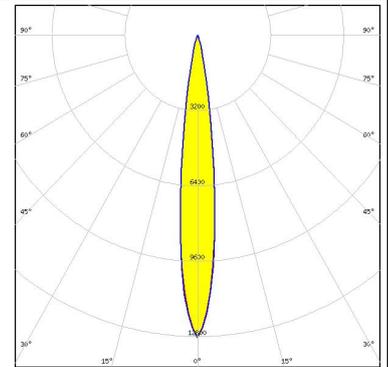
LED CLU7B2
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 90 %
 Peak intensity 15.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



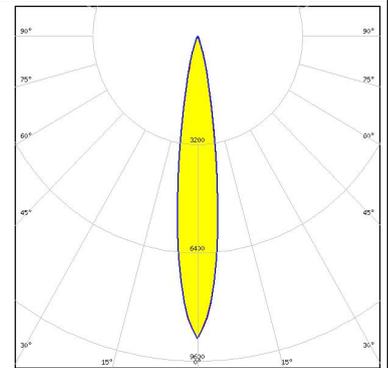
OPTICAL RESULTS (SIMULATED):



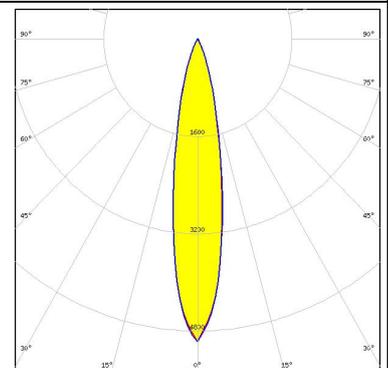
LED CXM-4
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 89 %
 Peak intensity 12.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



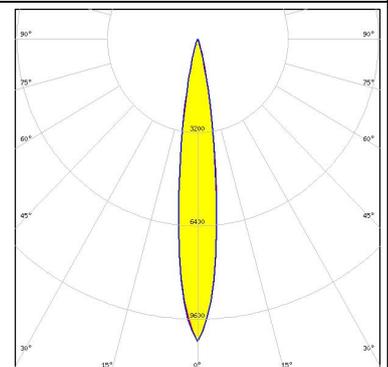
LED CxM-6 (13.5x13.5)
 FWHM / FWTM 16.0° / 30.0°
 Efficiency 88 %
 Peak intensity 8.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 20.0° / 42.0°
 Efficiency 81 %
 Peak intensity 5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



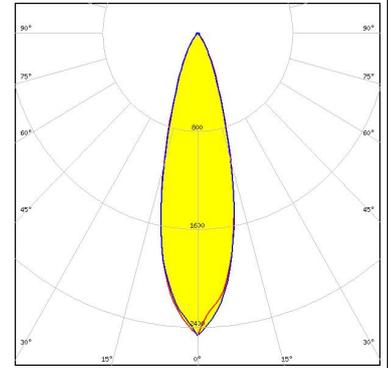
LED LC010C G2
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 90 %
 Peak intensity 10.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



OPTICAL RESULTS (SIMULATED):

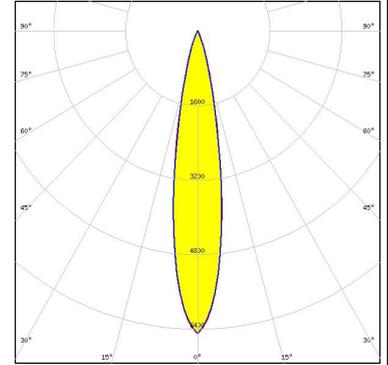
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 28.0° / 55.0°
 Efficiency 75 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1010



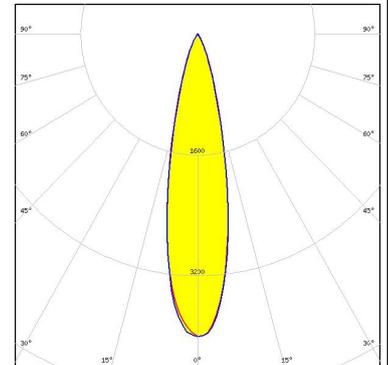
SAMSUNG

LED LC020C G2
 FWHM / FWTM 18.0° / 36.0°
 Efficiency 87 %
 Peak intensity 6.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1010



SAMSUNG

LED LC030C/040C G2
 FWHM / FWTM 24.0° / 45.0°
 Efficiency 83 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1010



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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