

AMY-50-O-B

~20 + 50° oval beam. Assembly with holder B compatible with Ø35 mm BJB and B+W connectors. Black version.

SPECIFICATION:

Dimensions	Ø 49.9 mm
Height	12.7 mm
Fastening	socket
ROHS compliant	yes ⓘ

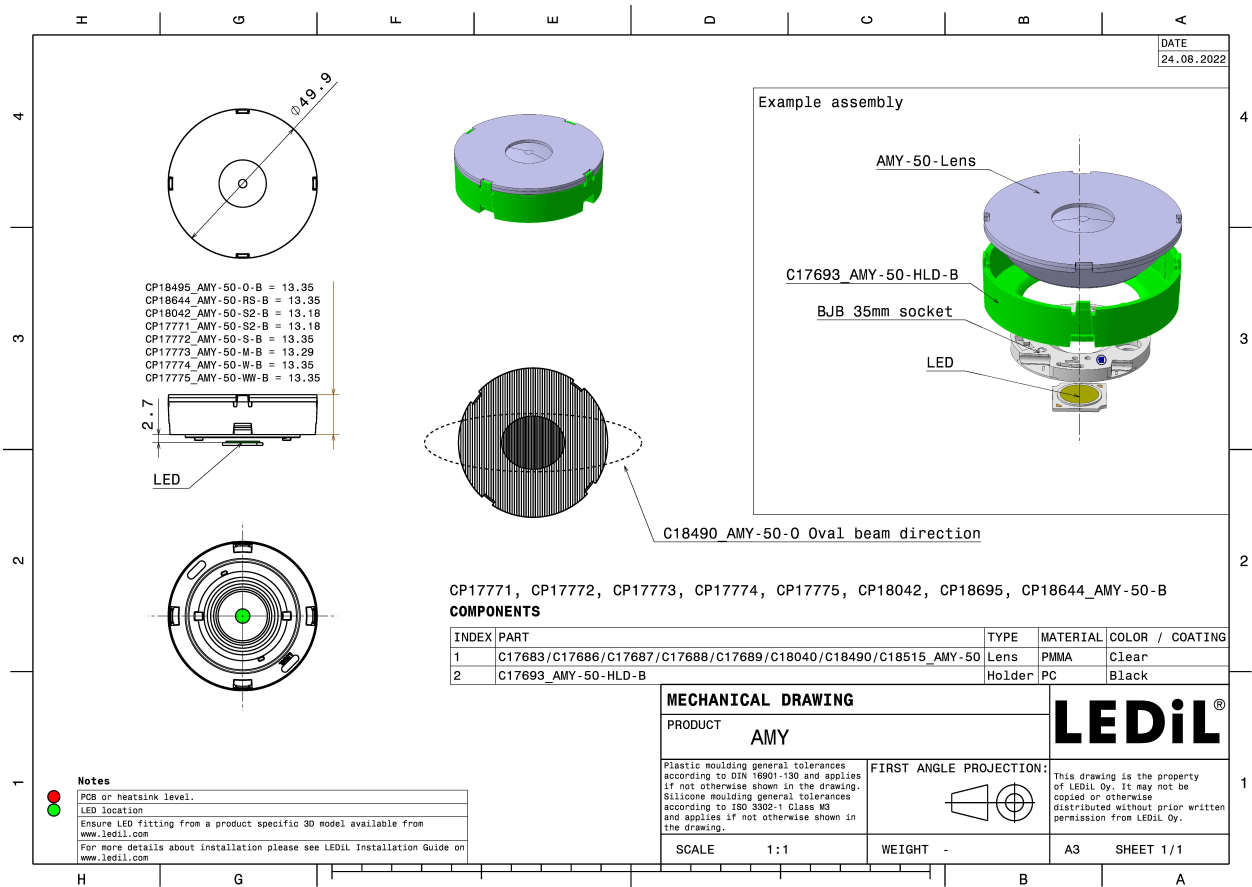


MATERIALS:

Component	Type	Material	Colour	Finish
AMY-50-O	Single lens	PMMA	clear	
AMY-50-HLD-B	Holder	PC		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP18495_AMY-50-O-B	510	120	30	9.7
» Box size: 480 x 280 x 300 mm				

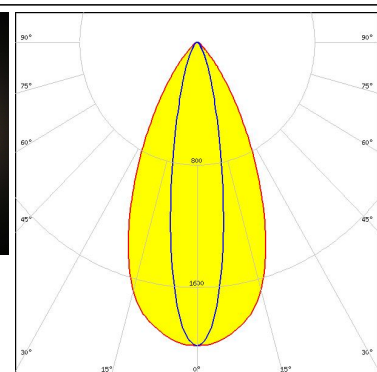
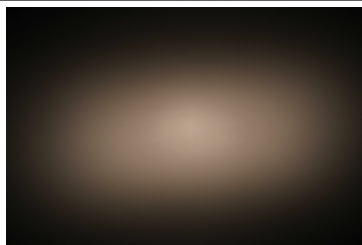


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CITIZEN

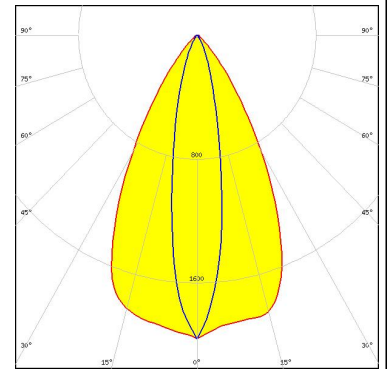
LED CLL02x/CLU02x (LES10)
 FWHM / FWTM 51.0 + 21.0° / 83.0 + 48.0°
 Efficiency 88 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



OPTICAL RESULTS (SIMULATED):

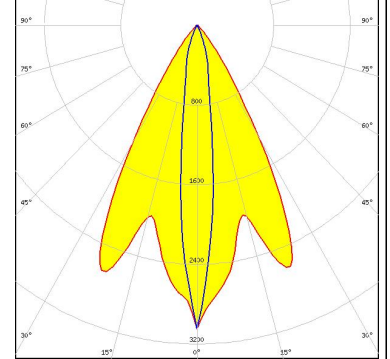


LED V10 Gen 8
 FWHM / FWTM 57.0 + 20.0° / 85.0 + 45.0°
 Efficiency 88 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



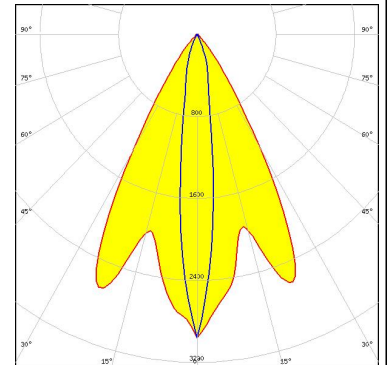
CITIZEN

LED CLU700/701/702/703
 FWHM / FWTM 58.0 + 12.0° / 78.0 + 38.0°
 Efficiency 90 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020

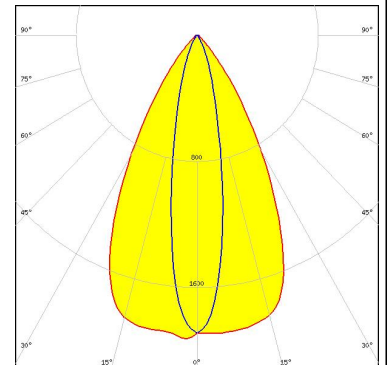


CITIZEN

LED CLU7B2
 FWHM / FWTM 58.0 + 14.0° / 78.0 + 38.0°
 Efficiency 90 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



LED CMU10xx
 FWHM / FWTM 58.0 + 20.0° / 84.0 + 46.0°
 Efficiency 88 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

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