

AMY-35-ZOOM

Infinitely adjustable beam from 20 to 50 degrees.
Assembly with holder B compatible with Ø35 mm BJB and B+W connectors. Black version.

SPECIFICATION:

Dimensions	Ø 34.9 mm
Height	14.9 mm
ROHS compliant	yes ⓘ



MATERIALS:

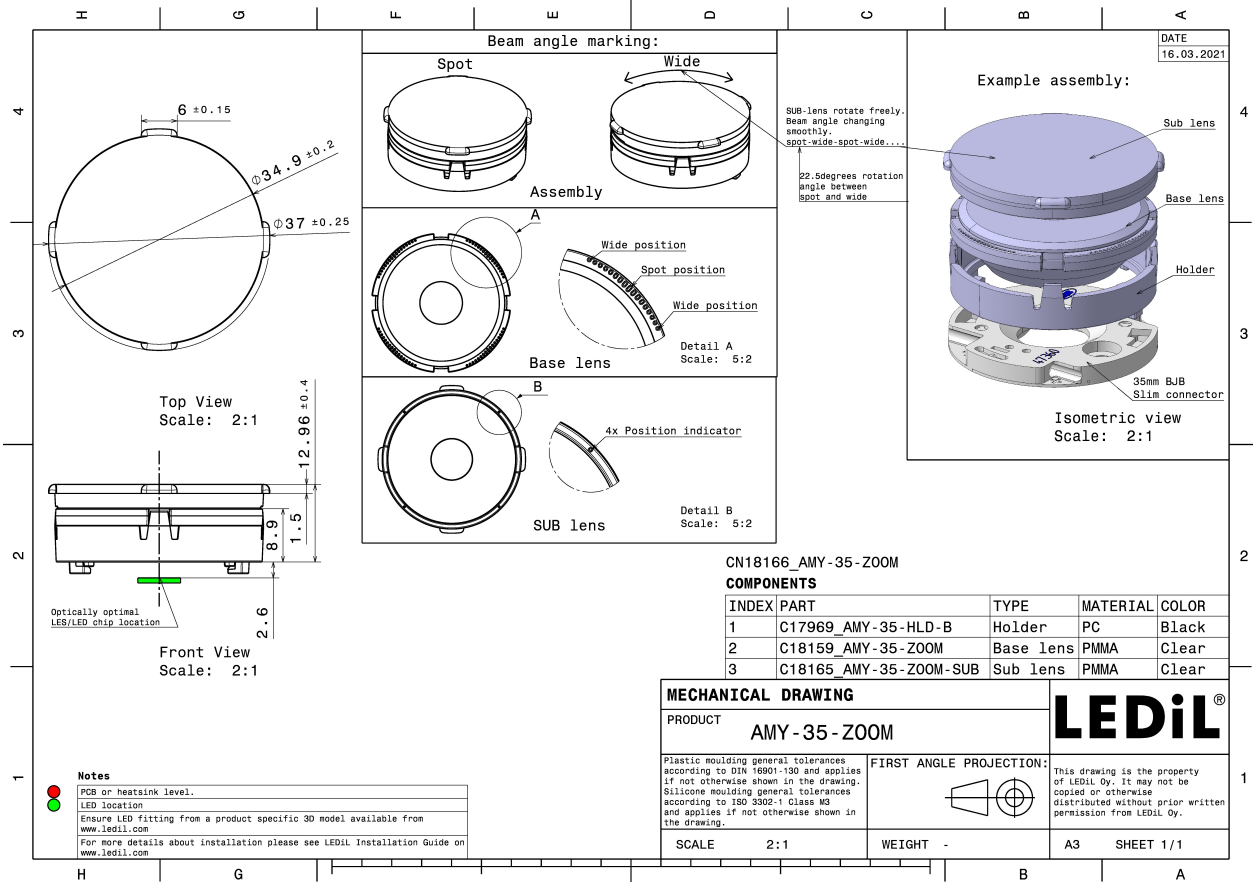
Component	Type	Material	Colour	Finish
C18165_AMY-35-ZOOM-SUB	Single lens	PMMA	clear	
CP18164_AMY-35-ZOOM-B	Assembly			

ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Assembly	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
C18165_AMY-35-ZOOM-SUB » Box size: 480 x 280 x 185 mm	Single lens	1320	132	66	4.7
CP18164_AMY-35-ZOOM-B » Box size: 480 x 280 x 300 mm	Assembly	1320	132	66	10.6

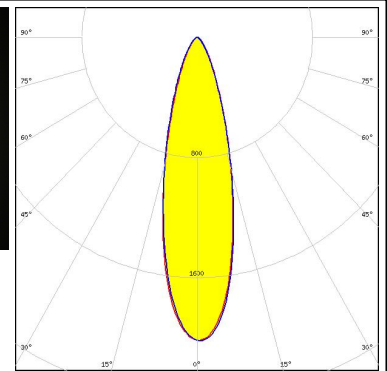
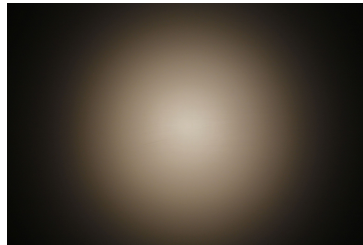


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

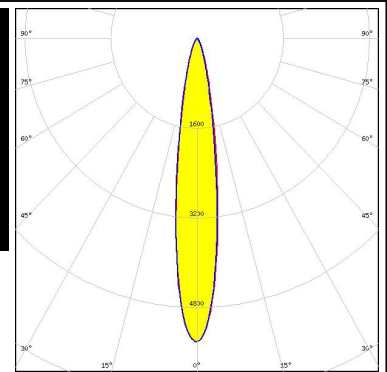
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM / FWTM 27.0 + 49.0° / 59.0 + 90.0°
 Efficiency 72 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



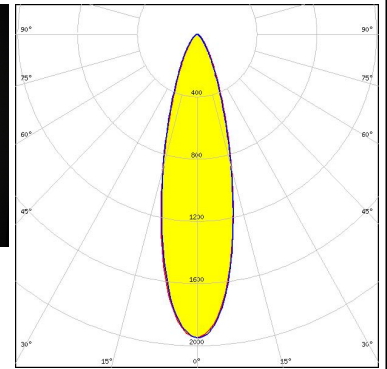
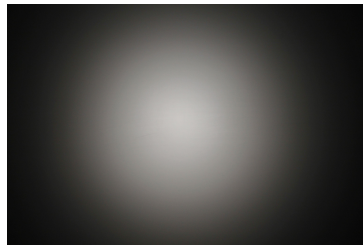
CITIZEN

LED CLU7A2/7A3
 FWHM / FWTM 16.0 + 48.0° / 36.0 + 79.0°
 Efficiency 79 %
 Peak intensity 5.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



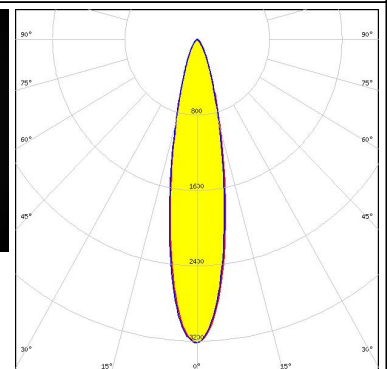
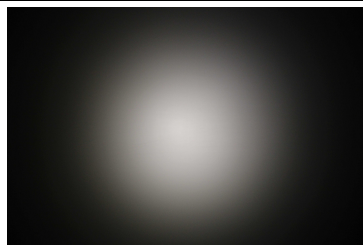
CREE LED

LED CMU10xx
 FWHM / FWTM 28.0 + 50.0° / 60.0 + 91.0°
 Efficiency 71 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020


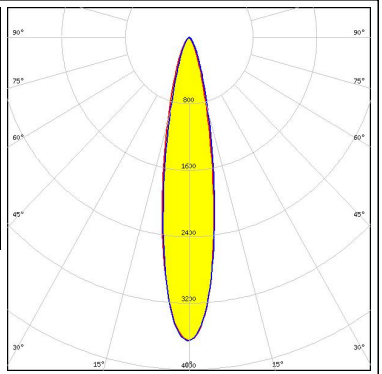

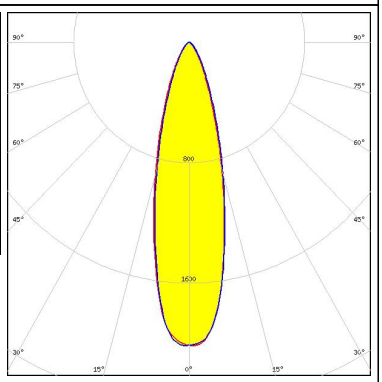

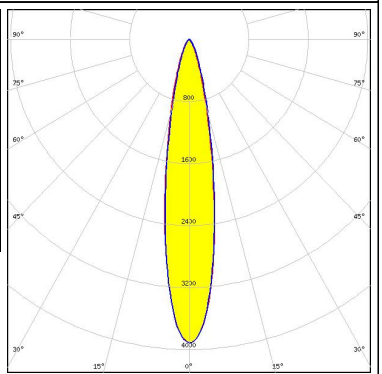


LUMILEDS

LED LUXEON 7070
 FWHM / FWTM 21.0 + 50.0° / 47.0 + 86.0°
 Efficiency 77 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 634a Bayonet35L



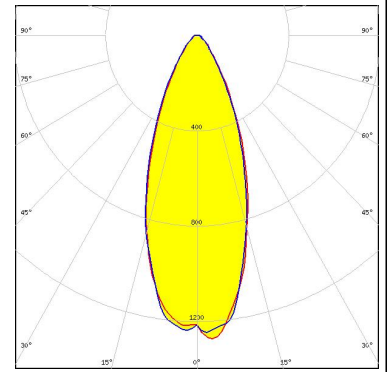
OPTICAL RESULTS (MEASURED):

<p>LUMINUS</p> <p>LED CxM-6 (13.5x13.5) FWHM / FWTM 20.0 + 49.0° / 44.0 + 86.0° Efficiency 77 % Peak intensity 3.7 cd/lm LEDs/each optic 1 Light colour White Required components: BJB: 47.360.1020</p>		
<p>SAMSUNG</p> <p>LED LC003D / LC006D / LC009D / LC013D FWHM / FWTM 28.0 + 50.0° / 59.0 + 91.0° Efficiency 72 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components: BJB: 47.360.1020</p>		
<p>SEOUL SEMICONDUCTOR</p> <p>LED MJT COB LES 6 FWHM / FWTM 20.0 + 50.0° / 43.0 + 85.0° Efficiency 77 % Peak intensity 3.9 cd/lm LEDs/each optic 1 Light colour White Required components: BJB: 47.360.1020</p>		

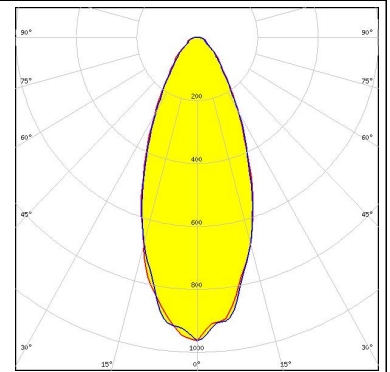
OPTICAL RESULTS (SIMULATED):



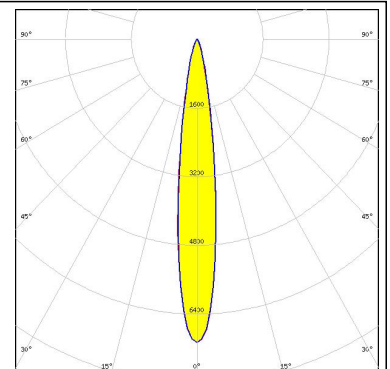
LED V10 Gen 8
Assembly NULL
FWHM / FWTM 27.0 + 52.0° / 59.0 + 92.0°
Efficiency 80 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 634b Bayonet35L



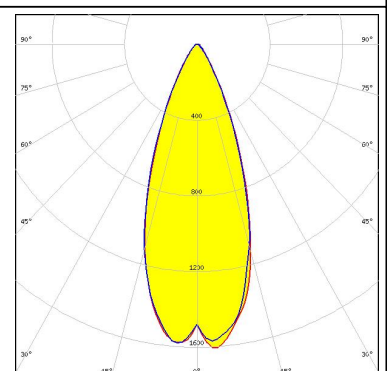
LED LUXEON CoB 1202/1203
Assembly NULL
FWHM / FWTM 33.0 + 52.0° / 75.0 + 103.0°
Efficiency 76 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 BJB: 47.360.1110



LED CXM-4
FWHM / FWTM 15.0 + 51.0° / 32.0 + 81.0°
Efficiency 82 %
Peak intensity 7.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 BJB: 47.360.1020



LED LC010C G2
FWHM / FWTM 20.0 + 50.0° / 42.0 + 84.0°
Efficiency 86 %
Peak intensity 4.2 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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