

## AMY-70-S-B

~18° spot beam. Assembly with holder B compatible with Ø35 mm BJB and B+W connectors. Black version.

### SPECIFICATION:

Dimensions	Ø 69.9 mm
Height	18.6 mm
ROHS compliant	yes ⓘ

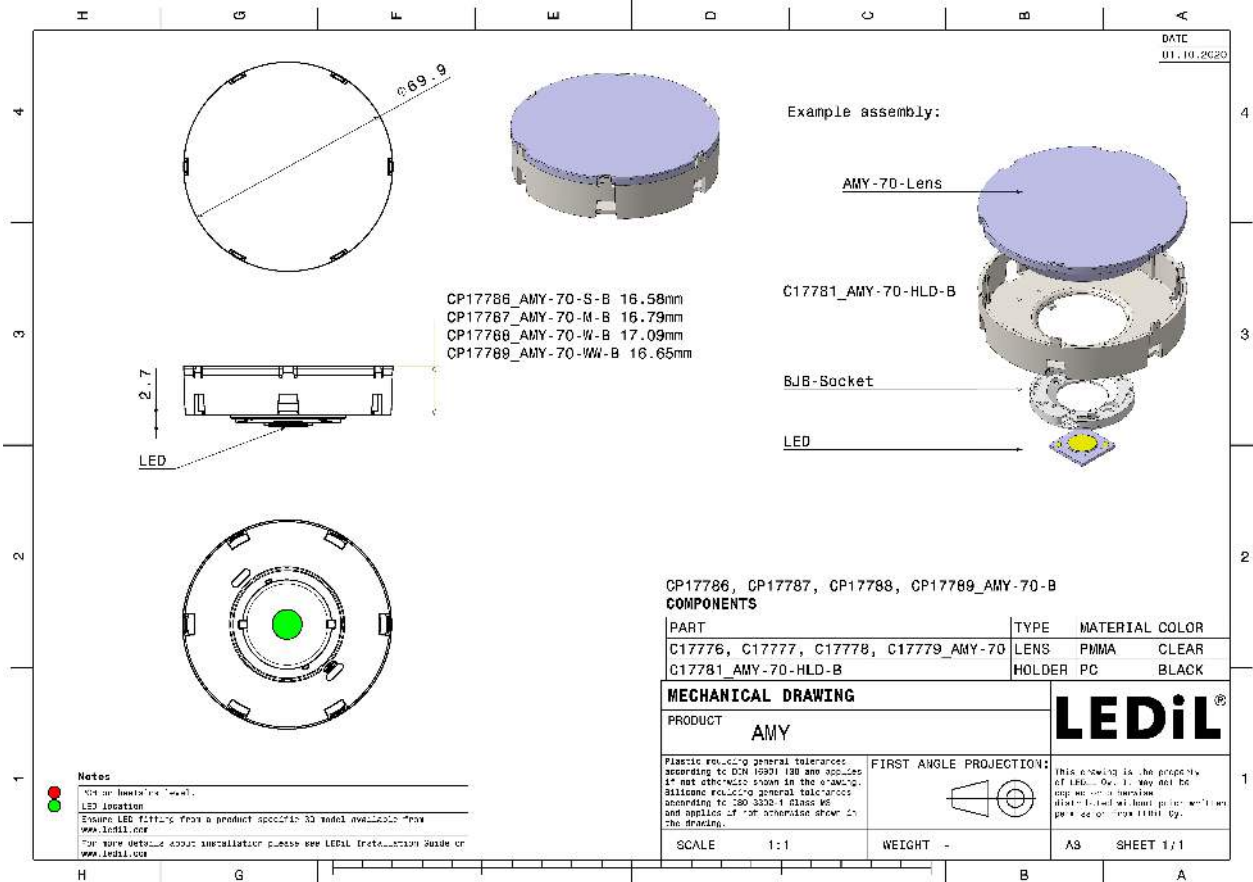


### MATERIALS:

Component	Type	Material	Colour	Finish
AMY-70-S	Single lens	PMMA		
AMY-70-HLD-B	Holder	PC		

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP17786_AMY-70-S-B » Box size: 480 x 280 x 300 mm	210	210	15	9.0

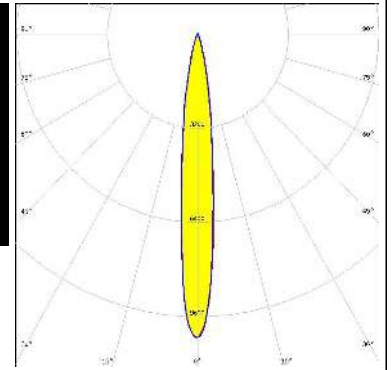
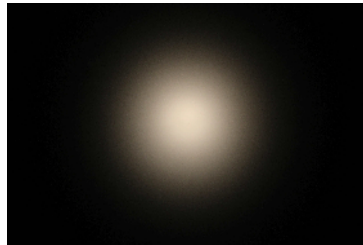


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

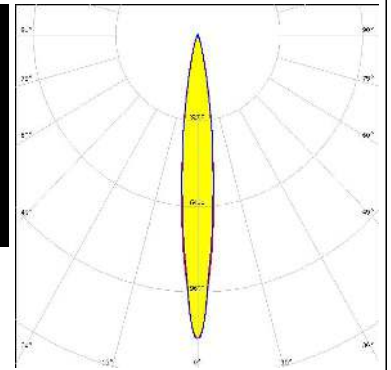
#### CITIZEN

LED CLU700/701/702/703  
FWHM / FWTM 13.0° / 29.0°  
Efficiency 93 %  
Peak intensity 10.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
BJB: 47.360.1020

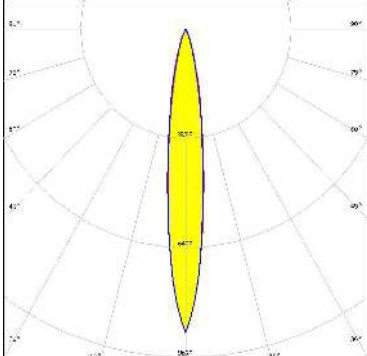
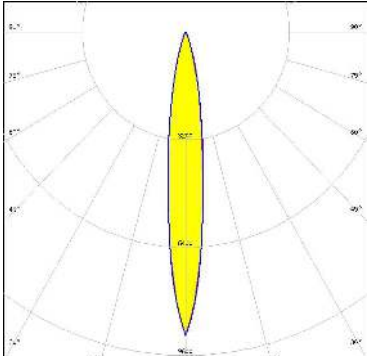
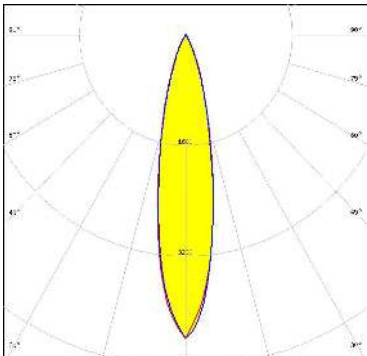


#### CITIZEN

LED CLU7S3  
FWHM / FWTM 12.0° / 28.0°  
Efficiency 93 %  
Peak intensity 11.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 667a Bayonet35L



#### OPTICAL RESULTS (SIMULATED):

<p><b>bridgelux</b></p> <p>LED V10 Gen 8            FWHM / FWTM 14.0° / 33.0°            Efficiency 92 %            Peak intensity 8.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.360.1020</p>	
<p><b>CREE LED</b></p> <p>LED CMU10xx            FWHM / FWTM 14.0° / 34.0°            Efficiency 92 %            Peak intensity 9 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.360.1020</p>	
<p><b>SAMSUNG</b></p> <p>LED LC016D / LC019D / LC026D / LC033D            FWHM / FWTM 22.0° / 46.0°            Efficiency 89 %            Peak intensity 4.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.360.1010</p>	

### 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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