

## AMY-50-M-B

~24° medium beam. Assembly with holder B compatible with Ø35 mm BJB and B+W connectors. Black version.

### SPECIFICATION:

Dimensions	Ø 49.9 mm
Height	13.3 mm
Fastening	socket
ROHS compliant	yes ⓘ

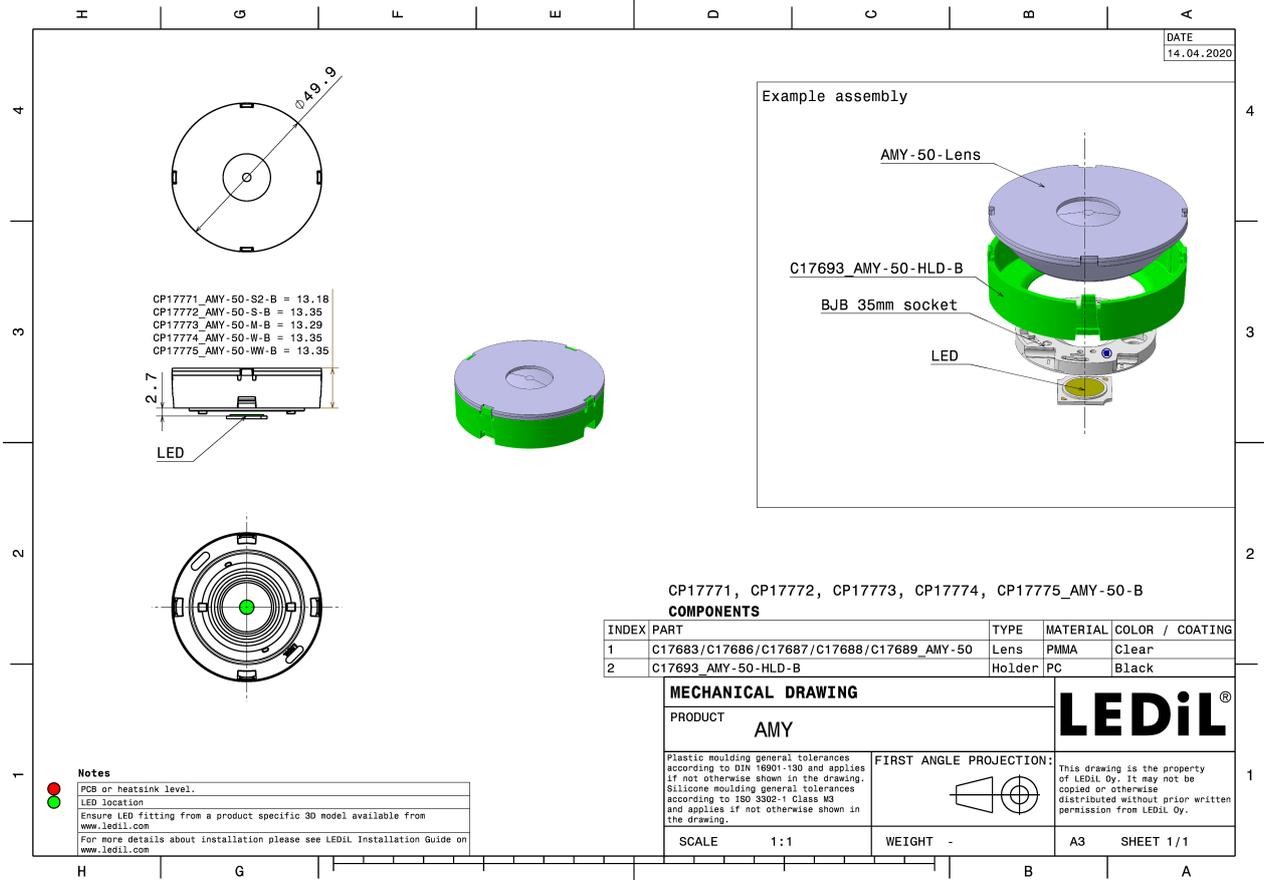


### MATERIALS:

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

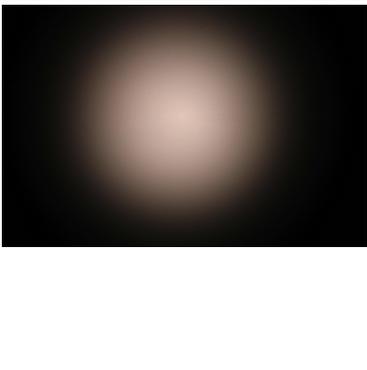
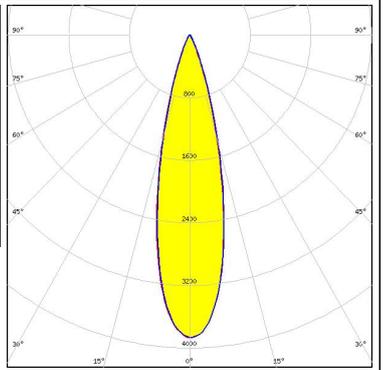
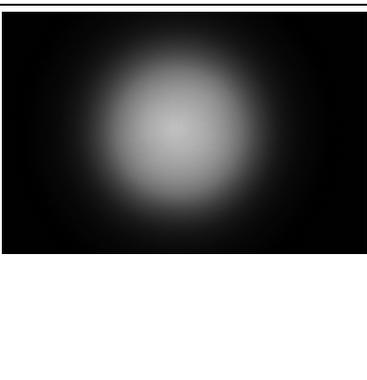
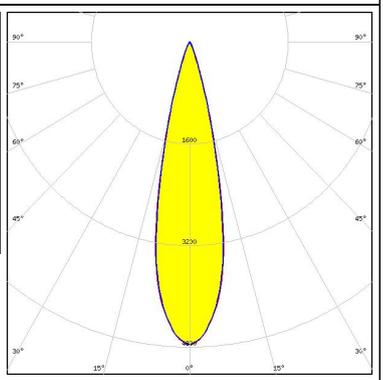
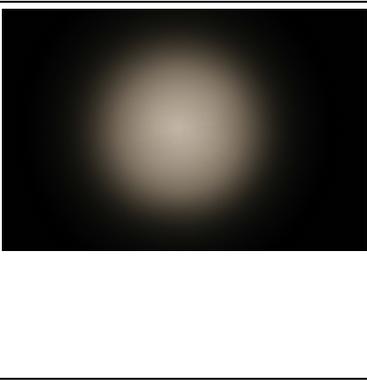
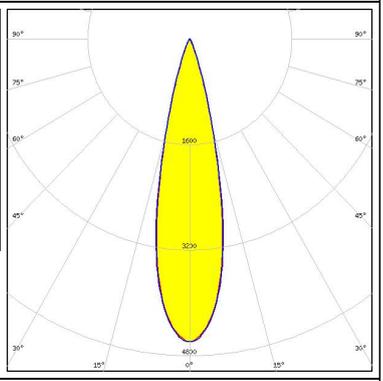
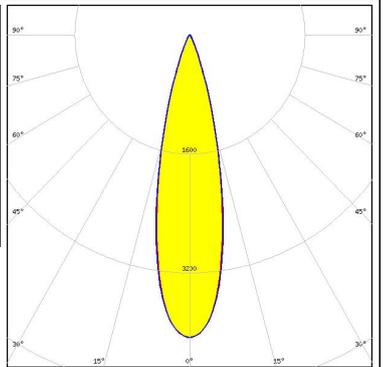
### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP17773_AMY-50-M-B » Box size: 480 x 280 x 300 mm	510	120	30	9.5



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

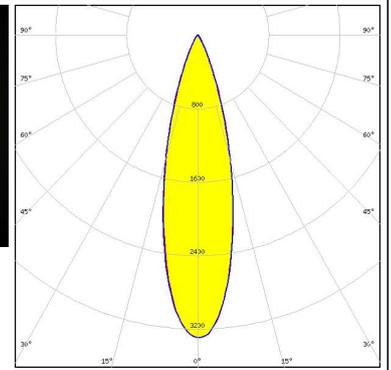
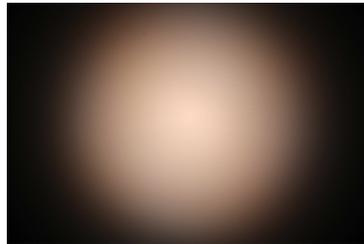
#### OPTICAL RESULTS (MEASURED):

<p></p> <p>LED Vesta TW 6mm DP            FWHM / FWTM 26.0° / 45.0°            Efficiency 89 %            Peak intensity 3.9 cd/lm            LEDs/each optic 1            Light colour Tunable White            Required components:            Bender Wirth: 504 Type B35L</p>		
<p><b>CITIZEN</b></p> <p>LED CLU7L3            FWHM / FWTM 24.0° / 39.0°            Efficiency 93 %            Peak intensity 4.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:            Bender Wirth: 667a Bayonet35L</p>		
<p><b>CITIZEN</b></p> <p>LED CLU7S3            FWHM / FWTM 24.0° / 40.0°            Efficiency 91 %            Peak intensity 4.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:            Bender Wirth: 667a Bayonet35L</p>		
<p> <b>LUMILEDS</b></p> <p>LED LUXEON 7070            FWHM / FWTM 25.0° / 44.0°            Efficiency 92 %            Peak intensity 4.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            Bender Wirth: 634a Bayonet35L</p>		

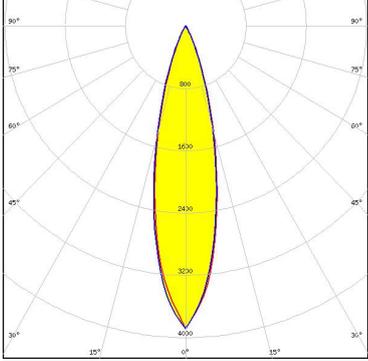
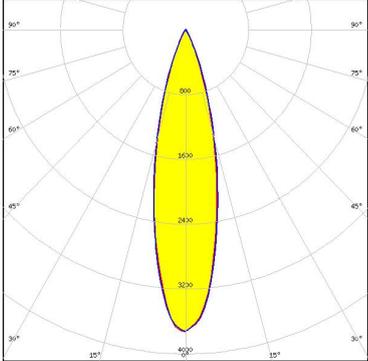
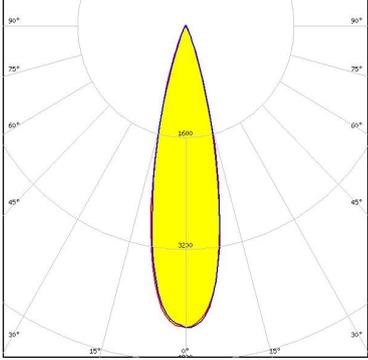
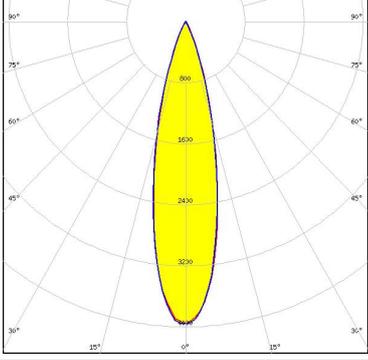
### OPTICAL RESULTS (MEASURED):



LED CTM-9 (Tunable White)  
FWHM / FWTM 27.0° / 50.0°  
Efficiency 89 %  
Peak intensity 3.3 cd/lm  
LEDs/each optic 1  
Light colour Tunable White  
Required components:  
Bender Wirth: 495 Type B35L



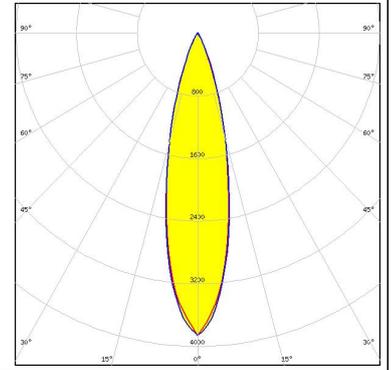
#### OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED V10 Gen 8            FWHM / FWTM 24.0° / 47.0°            Efficiency 90 %            Peak intensity 3.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.360.1020</p>	
<p><b>CITIZEN</b></p> <p>LED CLL02x/CLU02x (LES10)            FWHM / FWTM 24.1° / 47.3 + 48.3°            Efficiency 90 %            Peak intensity 3.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.360.1020</p>	
<p><b>CITIZEN</b></p> <p>LED CLU700/701/702/703            FWHM / FWTM 25.1° / 42.2°            Efficiency 92 %            Peak intensity 4.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.360.1020</p>	
<p><b>CITIZEN</b></p> <p>LED CLU710/711            FWHM / FWTM 24.1° / 46.3 + 45.3°            Efficiency 91 %            Peak intensity 4 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.360.1010</p>	

### OPTICAL RESULTS (SIMULATED):



LED	CMU10xx
FWHM / FWTM	24.0° / 48.0°
Efficiency	90 %
Peak intensity	3.9 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

#### 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

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)