

### AMY-50-S-B

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

#### SPECIFICATION:

Dimensions	Ø 49.9 mm
Height	13.2 mm
Fastening	socket
ROHS compliant	yes ⓘ

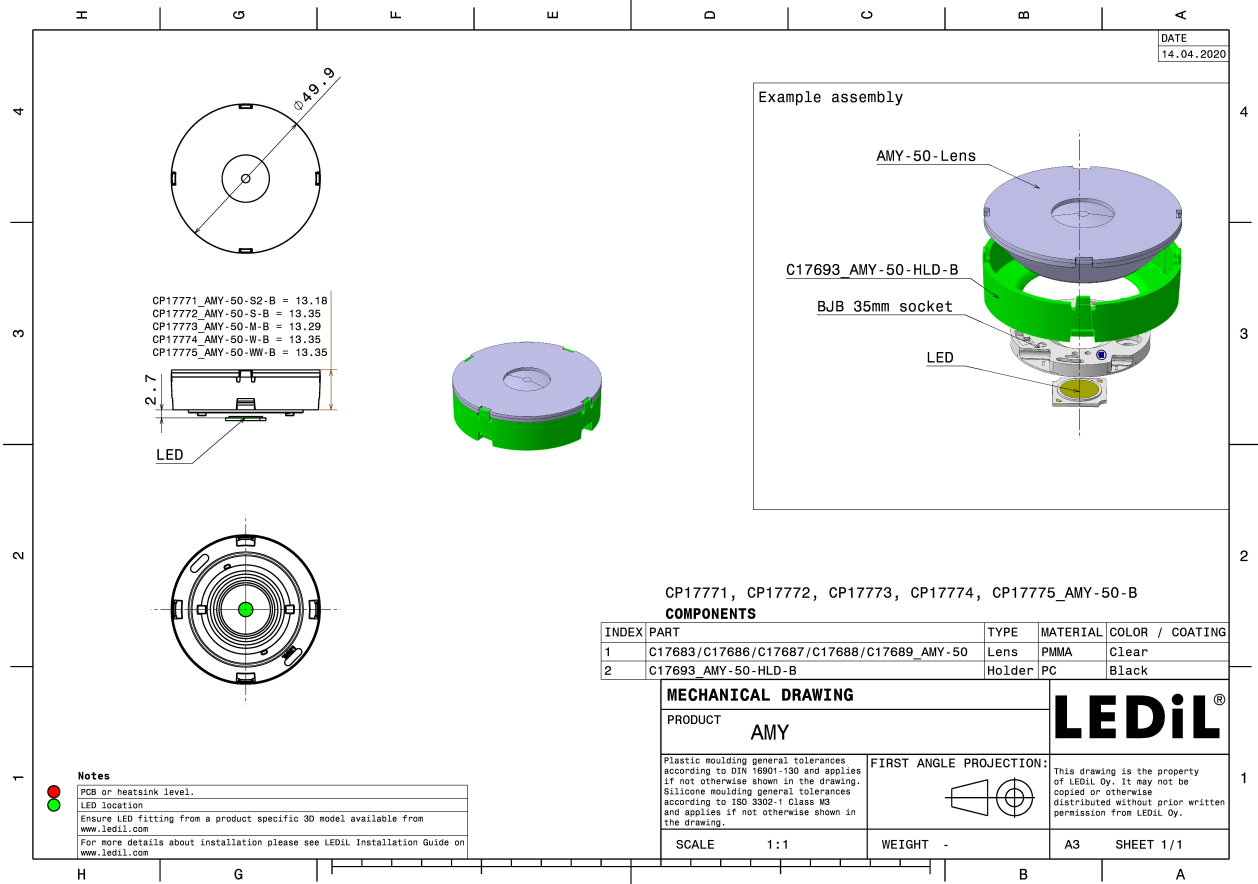


#### MATERIALS:

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



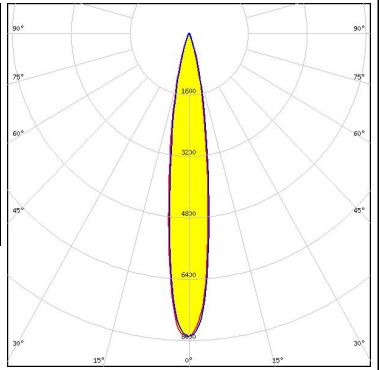
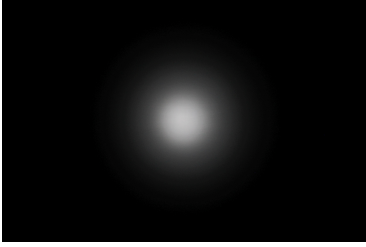
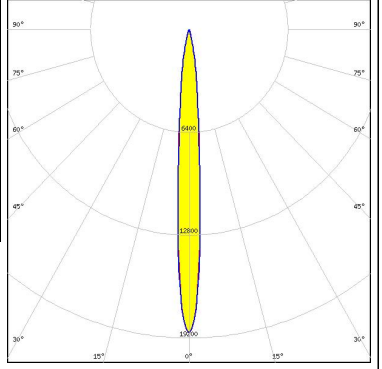

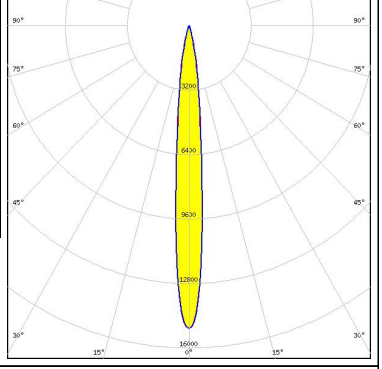


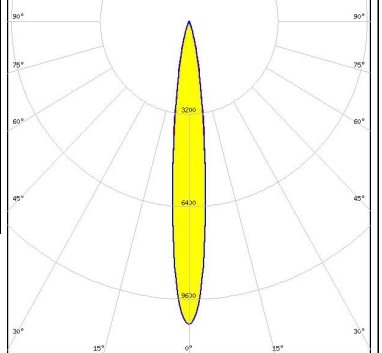
#### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP17772_AMY-50-S-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)

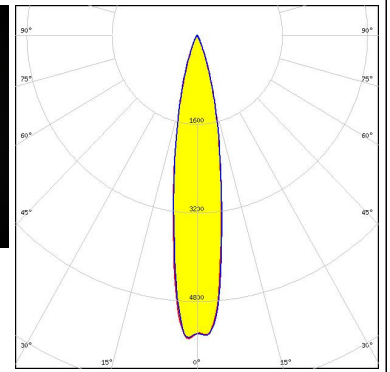
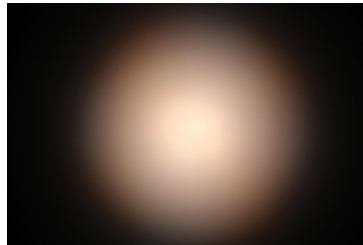
#### OPTICAL RESULTS (MEASURED):

<p></p> <p>LED Vesta TW 6mm DP            FWHM / FWTM 16.0° / 33.0°            Efficiency 89 %            Peak intensity 7.9 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 9.0° / 23.0°            Efficiency 93 %            Peak intensity 18.9 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 10.0° / 25.0°            Efficiency 92 %            Peak intensity 15.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            Bender Wirth: 667a Bayonet35L</p>		
<p></p> <p>LED LUXEON 7070            FWHM / FWTM 13.0° / 29.0°            Efficiency 93 %            Peak intensity 10.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:            Bender Wirth: 634a Bayonet35L</p>		


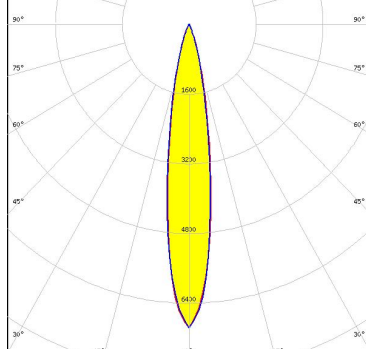
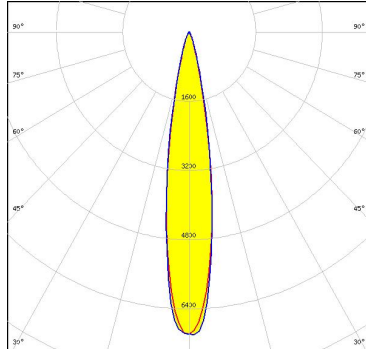
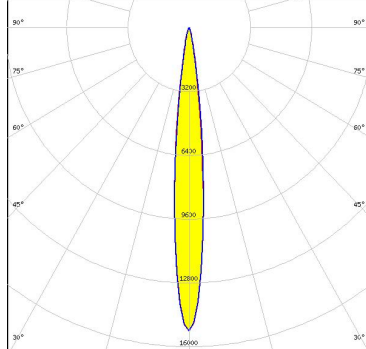
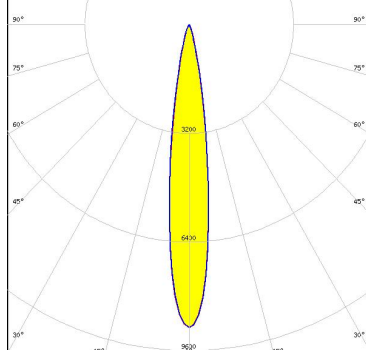
### OPTICAL RESULTS (MEASURED):



LED CTM-9 (Tunable White)  
FWHM / FWTM 19.0° / 41.0°  
Efficiency 89 %  
Peak intensity 5.5 cd/m  
LEDs/each optic 1  
Light colour Tunable White  
Required components:  
Bender Wirth: 495 Type B35L



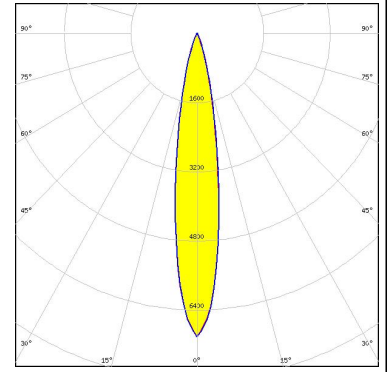
#### OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED V10 Gen 8            FWHM / FWTM 17.0° / 36.0°            Efficiency 89 %            Peak intensity 7 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 18.1° / 32.2 + 34.2°            Efficiency 90 %            Peak intensity 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 12.1° / 22.1°            Efficiency 92 %            Peak intensity 15.2 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 15.1° / 30.2°            Efficiency 91 %            Peak intensity 8.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.360.1010</p>	

### OPTICAL RESULTS (SIMULATED):



LED CMU10xx  
FWHM / FWTM 16.0° / 36.0°  
Efficiency 89 %  
Peak intensity 7 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.

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