

### AMY-50-S2-C

~15° spot beam. Assembly with holder C compatible with HEKLA sockets and connectors. Black version.

#### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 49.9 mm
Height	12.9 mm
Fastening	socket
ROHS compliant	yes ⓘ

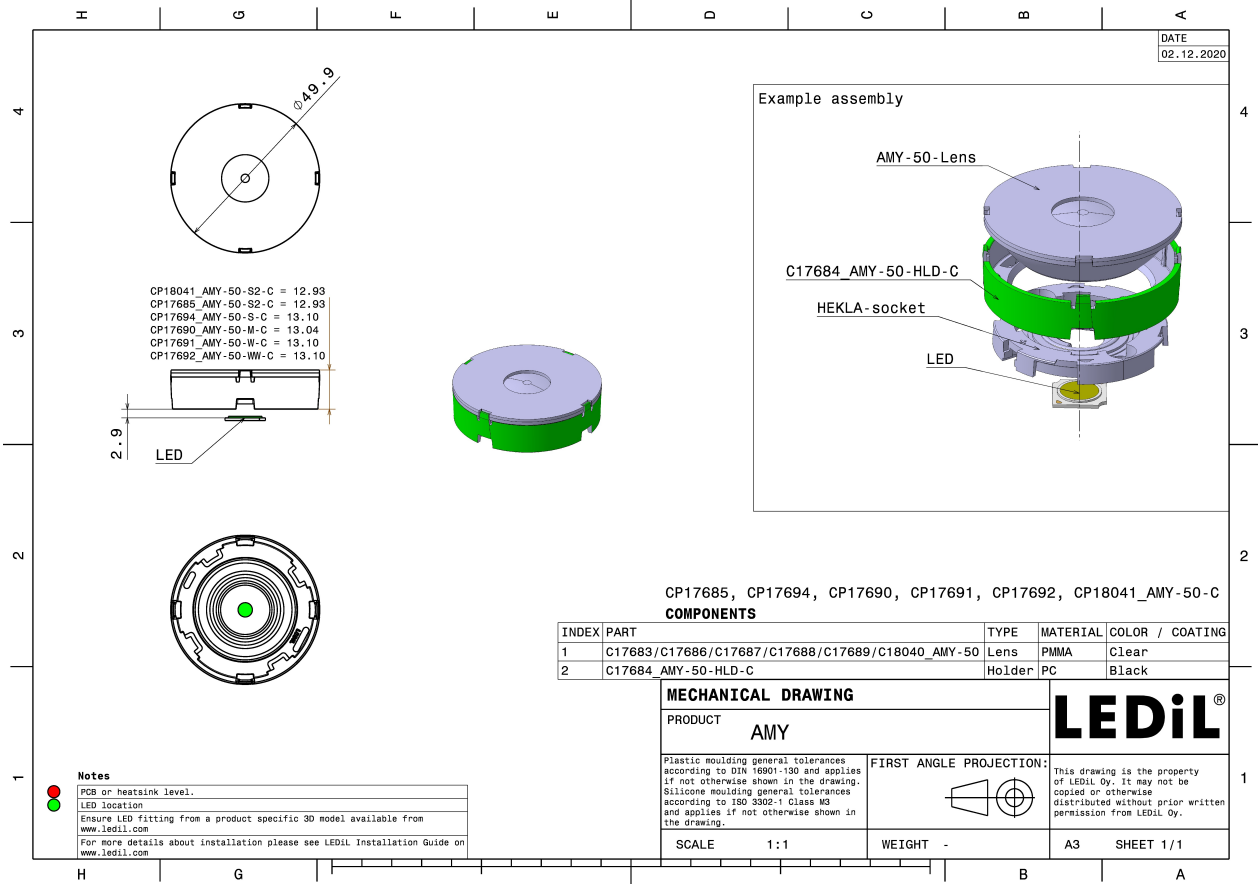


#### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
AMY-50-S2	Single lens	PMMA	clear	
AMY-50-HLD-C	Holder	PC	black	



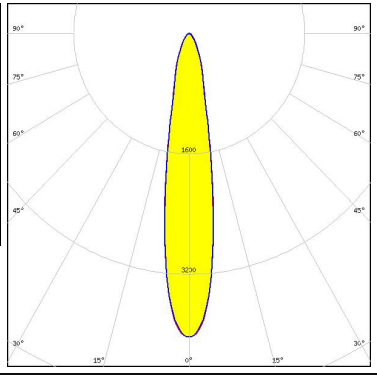


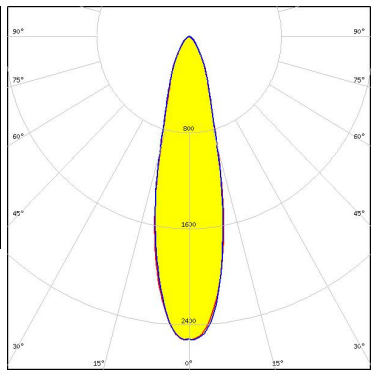


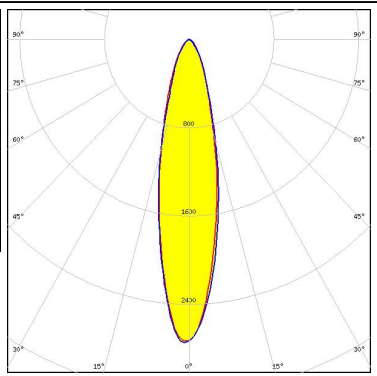


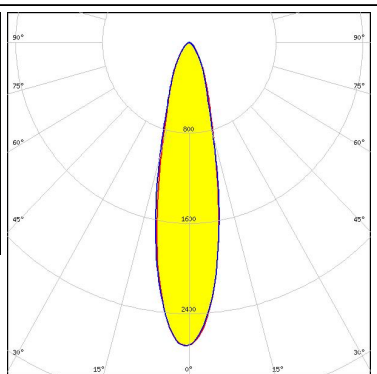
#### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP18041_AMY-50-S2-C » Box size: 480 x 280 x 300 mm	510	120	30	8.8



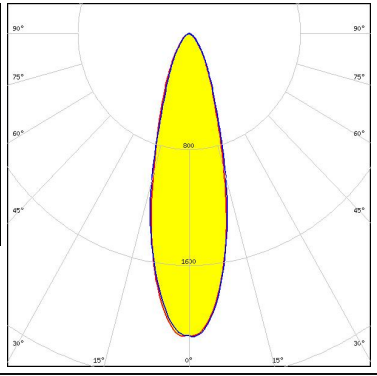


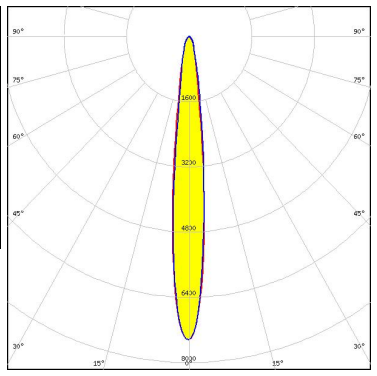


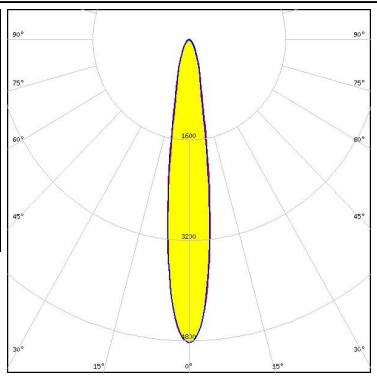

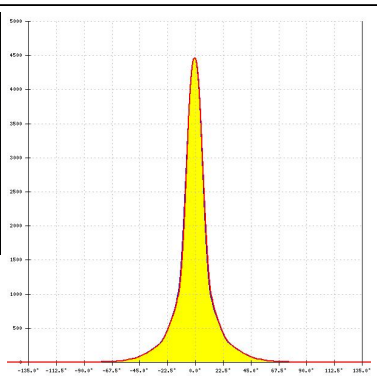


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED V11 HD</p> <p>FWHM / FWTM 19.0° / 47.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 633d Hekla</p>		
<p></p> <p>LED Vesta DTW 13mm (21W)</p> <p>FWHM / FWTM 26.0° / 60.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 2.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 491 Typ L8</p>		
<p></p> <p>LED Vesta DTW 15mm (33W)</p> <p>FWHM / FWTM 23.0° / 57.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 2.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 491 Typ L8</p>		
<p></p> <p>LED Vesta TW 13mm (18W) DP</p> <p>FWHM / FWTM 24.0° / 58.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 2.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 492 Typ L8</p>		

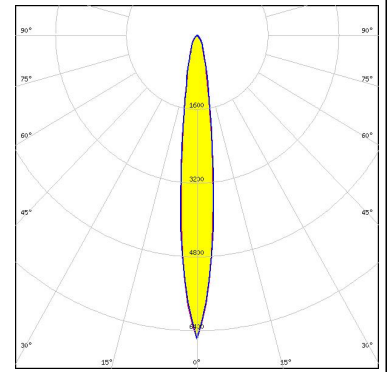
#### PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED Vesta TW 15mm DP            FWHM / FWTM 29.0° / 65.0°            Efficiency 87 %            Peak intensity 2.1 cd/lm            LEDs/each optic 1            Light colour Tunable White</p> <p>Required components:            C16142_HEKLA-SOCKET-K            Bender Wirth: 482 Typ L8</p>		
<p></p> <p>LED Vesta TW 6mm DP            FWHM / FWTM 12.0° / 29.0°            Efficiency 88 %            Peak intensity 7.4 cd/lm            LEDs/each optic 1            Light colour Tunable White</p> <p>Required components:            C16142_HEKLA-SOCKET-K            Bender Wirth: 504 Typ L8</p>		
<p></p> <p>LED Vesta TW 9mm (9W) DP            FWHM / FWTM 16.0° / 41.0°            Efficiency 88 %            Peak intensity 4.8 cd/lm            LEDs/each optic 1            Light colour Tunable White</p> <p>Required components:            C16142_HEKLA-SOCKET-K            Bender Wirth: 489 Typ L8</p>		
<p><b>CITIZEN</b></p> <p>LED CLL02x/CLU02x (LES10)            FWHM / FWTM 17.0° / 45.0°            Efficiency 91 %            Peak intensity 4.5 cd/lm            LEDs/each optic 1            Light colour White</p> <p>Required components:            F17435_HEKLA-G2-C</p>		

### PHOTOMETRIC DATA (SIMULATED):

bridgelux

LED	V8 Gen7
FWHM / FWTM	13.0° / 34.0°
Efficiency	90 %
Peak intensity	6.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	F15253_HEKLA-SOCKET-A



### 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:

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