

## AMY-50-WWW

~80° wide beam

### SPECIFICATION:

Dimensions	Ø 49.9
Height	0 mm
ROHS compliant	yes ⓘ

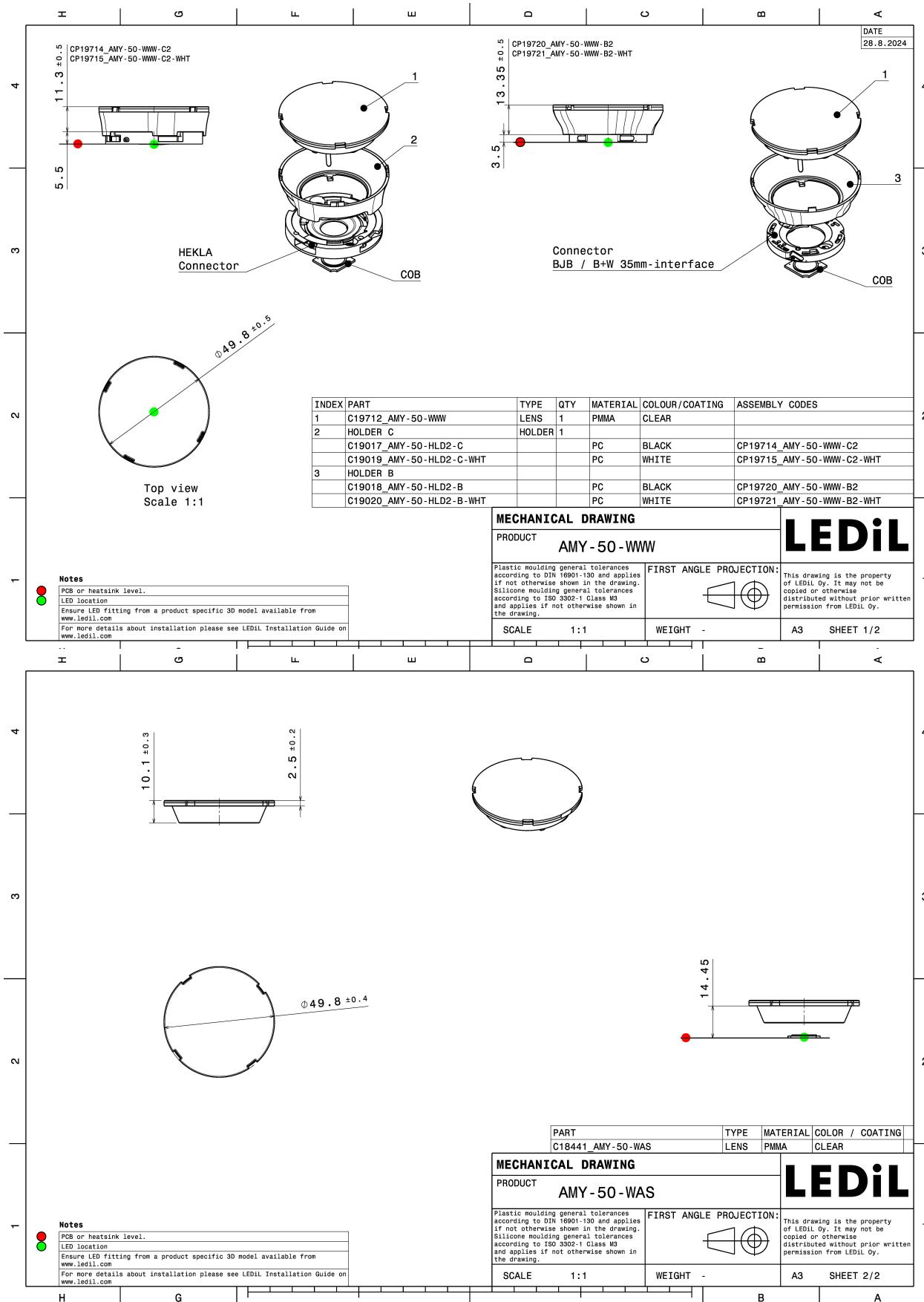


### MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
AMY-50-WWW	Single lens	PMMA			
AMY-50-HLD2-C	Holder C	PC	black		
AMY-50-HLD2-C-WHT	Holder C	PC	white		
AMY-50-HLD2-B	Holder B	PC	black		
AMY-50-HLD2-B-WHT	Holder B	PC	white		

## ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C19712_AMY-50-WWW	690	120	30	10.9
<b>Assembly</b>				
CP19717_AMY-50-WWW-B2-WHT	510	120	30	10.0
CP19716_AMY-50-WWW-B2	510	120	30	10.0
CP19715_AMY-50-WWW-C2-WHT	510	120	30	9.6
CP19714_AMY-50-WWW-C2	510	120	30	9.6

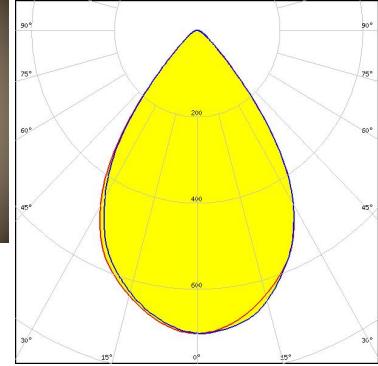


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## OPTICAL RESULTS (MEASURED):

### CITIZEN

LED	CLU02x (LES10)
Ordering code	CP19714_AMY-50-WWW-C2
FWHM / FWTM	70.0° / 96.0°
Efficiency	86 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	F17435_HEKLA-G2-C

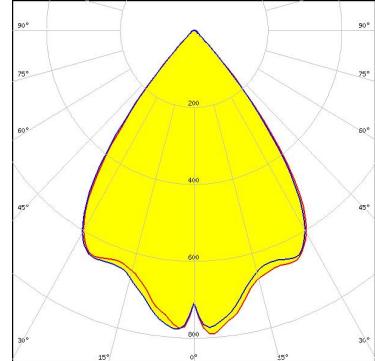


[Light distribution files](#)

### OPTICAL RESULTS (SIMULATED):



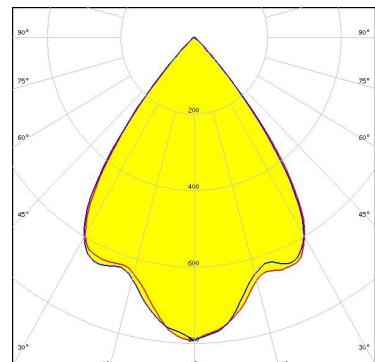
LED V6 HD Gen 8  
 Ordering code CP19715\_AMY-50-WWW-C2-WHT  
 FWHM / FWTM 74.0° / 90.0°  
 Efficiency 93 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F19858\_HEKLA-G2B-C3



Light distribution files



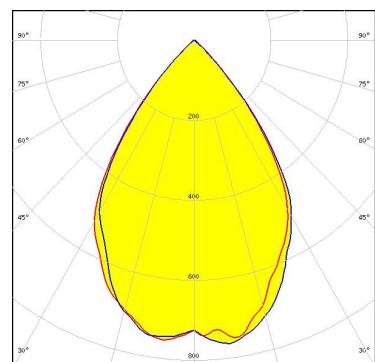
LED V6 HD Gen 8  
 Ordering code CP19714\_AMY-50-WWW-C2  
 FWHM / FWTM 73.0° / 90.0°  
 Efficiency 91 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F19858\_HEKLA-G2B-C3



Light distribution files



LED CMU15xx  
 Ordering code CP19714\_AMY-50-WWW-C2  
 FWHM / FWTM 71.0° / 92.0°  
 Efficiency 87 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17438\_HEKLA-G2-I

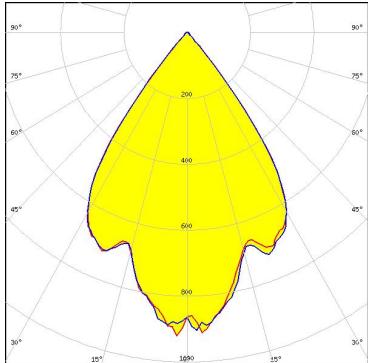


Light distribution files

### OPTICAL RESULTS (SIMULATED):



LED	CTW0607
Ordering code	CP19714_AMY-50-WWW-C2
FWHM / FWTM	70.0° / 84.0°
Efficiency	92 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
	C16142_HEKLA-SOCKET-K

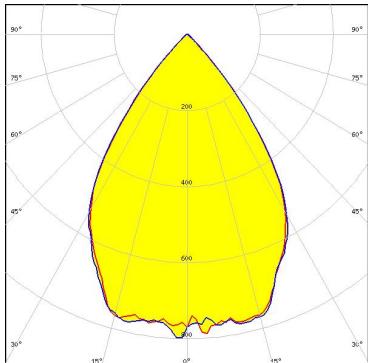


Light distribution files

Bender Wirth: 511 Typ L8



LED	CTW1325
FWHM / FWTM	70.0° / 90.0°
Efficiency	91 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
	C16142_HEKLA-SOCKET-K

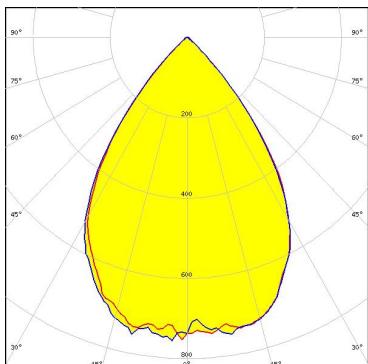


Light distribution files

Bender Wirth: 513 Typ L8



LED	CxM-14 (19x19)
FWHM / FWTM	71.0 + 72.0° / 93.0 + 94.0°
Efficiency	91 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	F17438_HEKLA-G2-I



Light distribution files

## 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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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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