

### AMY-50-WW-C

~60° wide beam. Assembly with holder C compatible with HEKLA sockets and connectors. Black version.

#### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 49.9 mm
Height	13.1 mm
ROHS compliant	yes ⓘ

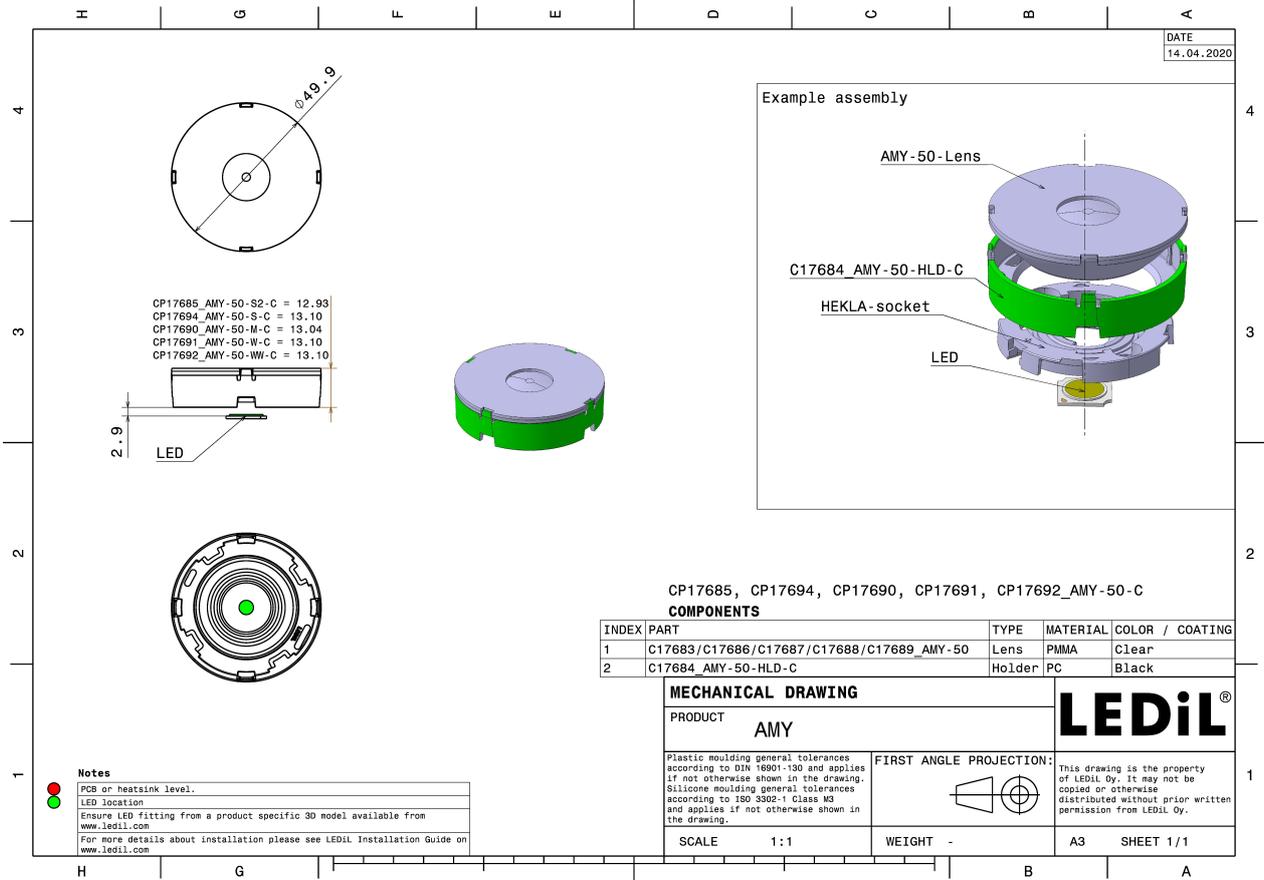


#### MATERIAL SPECIFICATIONS:

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

#### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP17692_AMY-50-WW-C » Box size: 480 x 280 x 300 mm	510	120	30	8.2

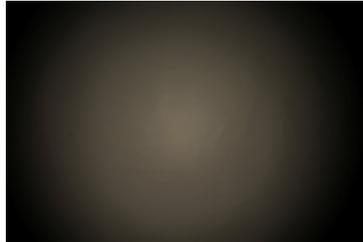


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### PHOTOMETRIC DATA (MEASURED):

bridgelux.

LED V4 HD  
FWHM / FWTM 59.0° / 75.0°  
Efficiency 93 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15253\_HEKLA-SOCKET-A



bridgelux.

LED V6 HD  
FWHM / FWTM 58.0° / 75.0°  
Efficiency 92 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15255\_HEKLA-SOCKET-C



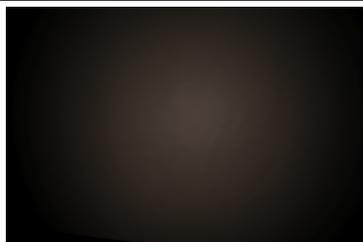
bridgelux.

LED V9 HD  
FWHM / FWTM 57.0° / 76.0°  
Efficiency 91 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15859\_HEKLA-SOCKET-I



bridgelux.

LED VERO10  
FWHM / FWTM 58.0° / 77.0°  
Efficiency 92 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15616\_HEKLA-SOCKET-F



### PHOTOMETRIC DATA (MEASURED):

#### CITIZEN

LED CLL02x/CLU02x (LES10)  
FWHM / FWTM 57.0° / 77.0°  
Efficiency 91 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17435\_HEKLA-G2-C



#### CITIZEN

LED CLL03x/CLU03x  
FWHM / FWTM 55.0° / 80.0°  
Efficiency 90 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17438\_HEKLA-G2-I



#### CITIZEN

LED CLU700/701/702  
FWHM / FWTM 58.0° / 75.0°  
Efficiency 92 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17435\_HEKLA-G2-C



#### CITIZEN

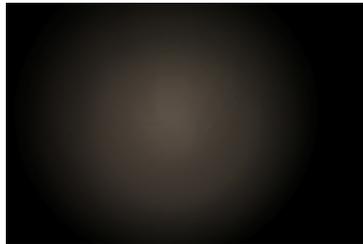
LED CLU7A2 (LES 4.2mm)  
FWHM / FWTM 58.0° / 74.0°  
Efficiency 92 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17435\_HEKLA-G2-C



### PHOTOMETRIC DATA (MEASURED):

#### CITIZEN

LED CLU7B2  
FWHM / FWTM 58.0° / 73.0°  
Efficiency 92 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17435\_HEKLA-G2-C



#### CREE

LED CMA1516  
FWHM / FWTM 57.0° / 77.0°  
Efficiency 91 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17436\_HEKLA-G2-D



#### CREE

LED CMA1825  
FWHM / FWTM 58.0° / 80.0°  
Efficiency 91 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15254\_HEKLA-SOCKET-B



#### CREE

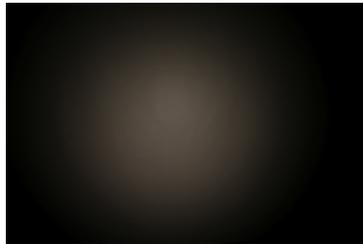
LED CMT14xx  
FWHM / FWTM 57.0° / 77.0°  
Efficiency 91 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17435\_HEKLA-G2-C



### PHOTOMETRIC DATA (MEASURED):

#### CREE

LED CMT19xx  
FWHM / FWTM 56.0° / 81.0°  
Efficiency 90 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17438\_HEKLA-G2-I



#### CREE

LED CXA/B 13xx  
FWHM / FWTM 58.0° / 75.0°  
Efficiency 93 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17439\_HEKLA-G2-J



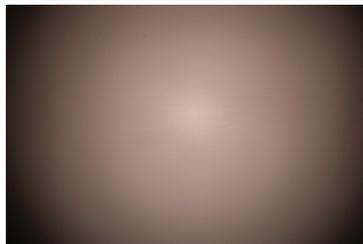
#### CREE

LED CXA/B 15xx  
FWHM / FWTM 58.0° / 77.0°  
Efficiency 92 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17436\_HEKLA-G2-D



#### LEDIM

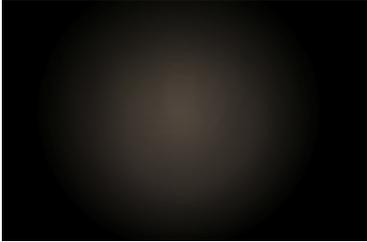
LED LEDIM/C6  
FWHM / FWTM 57.0° / 76.0°  
Efficiency 91 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 9  
Light colour White  
Required components:  
F17438\_HEKLA-G2-I



### PHOTOMETRIC DATA (MEASURED):

 <p>LED LUXEON CoB 1202/1203 FWHM / FWTM 56.0° / 75.0° Efficiency 91 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: F17437_HEKLA-G2-H</p>	
 <p>LED LUXEON CoB 1204HD FWHM / FWTM 56.0° / 76.0° Efficiency 91 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: F17437_HEKLA-G2-H</p>	
 <p>LED LUXEON CoB M02/M03 FWHM / FWTM 58.0° / 77.0° Efficiency 92 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: F17436_HEKLA-G2-D</p>	
 <p>LED LUXEON CoB S01 FWHM / FWTM 58.0° / 75.0° Efficiency 92 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: F17439_HEKLA-G2-J</p>	

### PHOTOMETRIC DATA (MEASURED):

 <p>LED CXM-3 FWHM / FWTM 58.0° / 74.0° Efficiency 92 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: F17435_HEKLA-G2-C</p>	
 <p>LED CXM-4 FWHM / FWTM 58.0° / 74.0° Efficiency 92 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: F17435_HEKLA-G2-C</p>	
 <p>LED COB L-Type (LES 11) FWHM / FWTM 59.0° / 76.0° Efficiency 92 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components: F15848_HEKLA-SOCKET-G</p>	
 <p>LED COB L-Type (LES 11) FWHM / FWTM 56.0° / 78.0° Efficiency 91 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components: F17437_HEKLA-G2-H</p>	

### PHOTOMETRIC DATA (MEASURED):



LED COB L-Type (LES 9)  
FWHM / FWTM 57.0° / 76.0°  
Efficiency 91 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17437\_HEKLA-G2-H



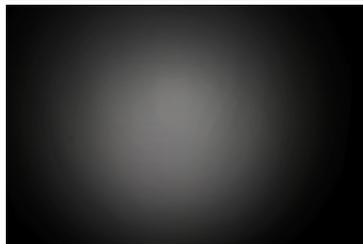
LED Fortimo SLM L09 CoB  
FWHM / FWTM 56.0° / 76.0°  
Efficiency 91 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17437\_HEKLA-G2-H



LED LC003D / LC006D / LC009D / LC013D  
FWHM / FWTM 57.0° / 77.0°  
Efficiency 91 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17435\_HEKLA-G2-C



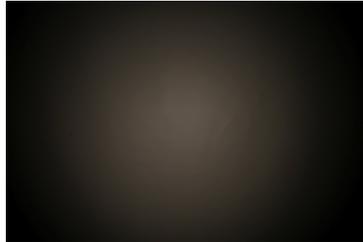
LED LC016D / LC019D / LC026D / LC033D  
FWHM / FWTM 56.0° / 82.0°  
Efficiency 90 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17438\_HEKLA-G2-I



### PHOTOMETRIC DATA (MEASURED):

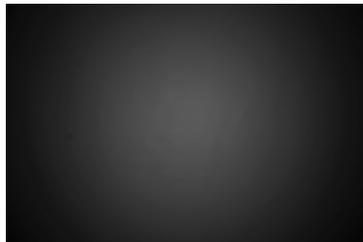
#### SAMSUNG

LED LC040C  
FWHM / FWTM 56.0° / 78.0°  
Efficiency 91 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17438\_HEKLA-G2-I



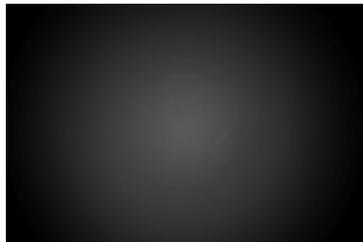
SEOUL SEMICONDUCTOR

LED MJT COB LES 14.5  
FWHM / FWTM 56.0° / 82.0°  
Efficiency 90 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17438\_HEKLA-G2-I



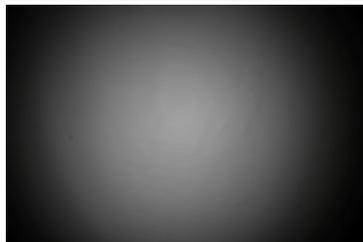
SEOUL SEMICONDUCTOR

LED MJT COB LES 6  
FWHM / FWTM 58.0° / 75.0°  
Efficiency 92 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17435\_HEKLA-G2-C



SEOUL SEMICONDUCTOR

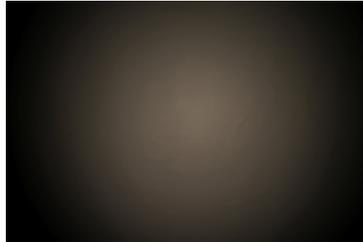
LED MJT COB LES 9.8  
FWHM / FWTM 57.0° / 77.0°  
Efficiency 92 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17435\_HEKLA-G2-C



## PHOTOMETRIC DATA (MEASURED):

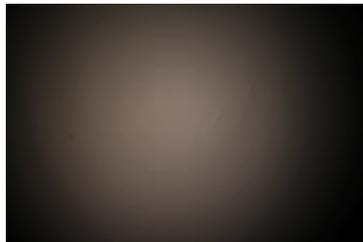
### TRIDONIC

LED SLE G7 LES09  
FWHM / FWTM 57.0° / 76.0°  
Efficiency 92 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15848\_HEKLA-SOCKET-G



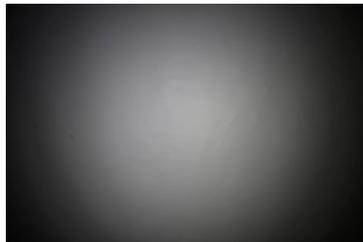
### TRIDONIC

LED SLE G7 LES13  
FWHM / FWTM 56.0° / 80.0°  
Efficiency 90 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17438\_HEKLA-G2-I



### TRIDONIC

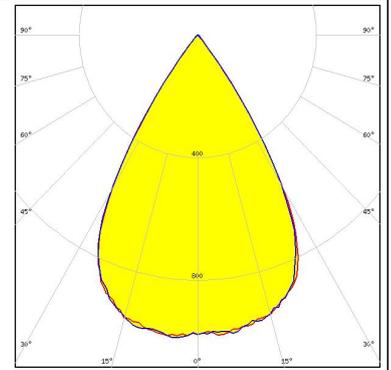
LED SLE G7 LES15  
FWHM / FWTM 55.0° / 81.0°  
Efficiency 90 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17438\_HEKLA-G2-I



### PHOTOMETRIC DATA (SIMULATED):

bridgelux

LED	V4 HD
FWHM / FWTM	62.3° / 76.4°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	CP16640_HEKLA2-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:

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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#### 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

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