

AMY-50-RS-C

~15° spot beam with tight cutoff. Assembly with holder C compatible with LEDiL HEKLA. Black version.

SPECIFICATION:

Dimensions	Ø 49.9 mm
Height	13 mm
ROHS compliant	yes ⓘ

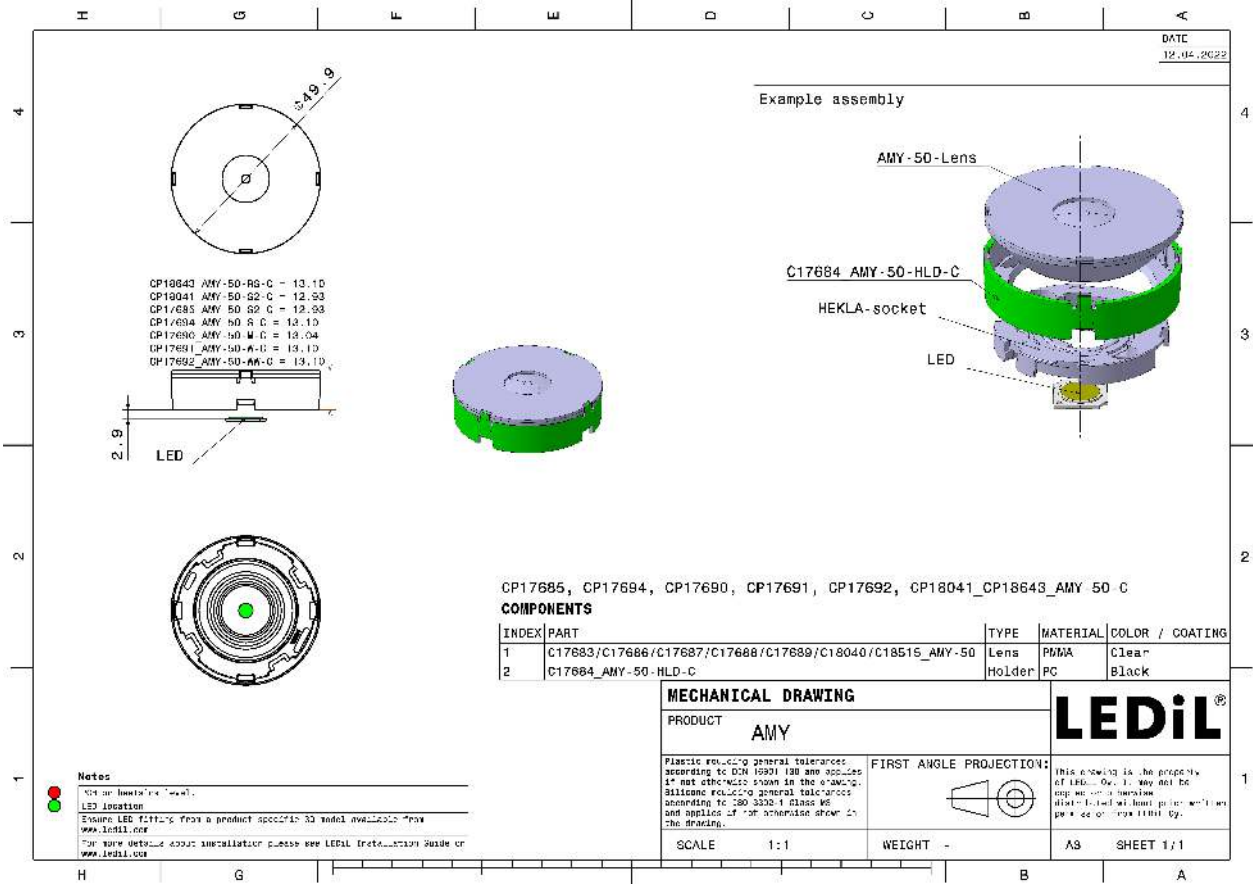


MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP18643_AMY-50-RS-C » Box size: 480 x 280 x 300 mm	510	120	30	9.1

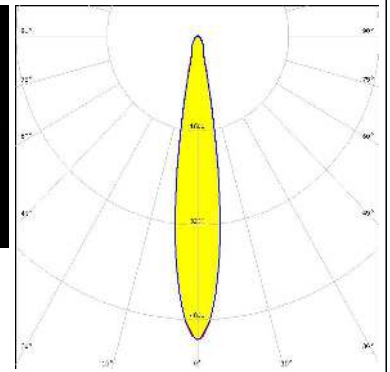


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

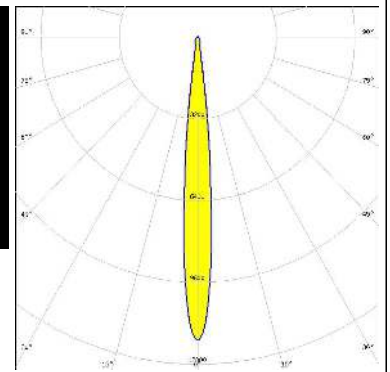
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM / FWTM 17.0° / 31.0°
Efficiency 85 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C


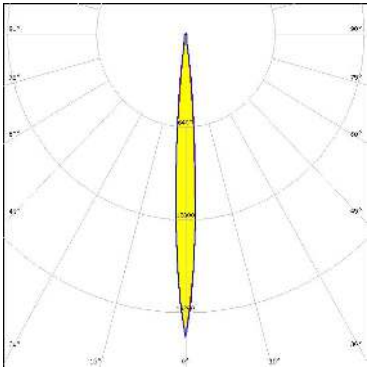

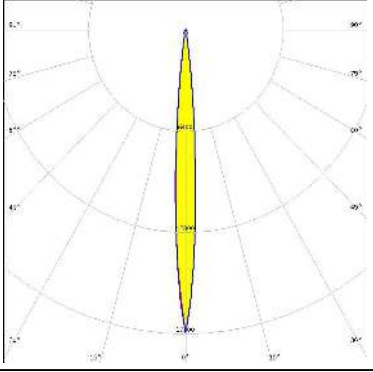

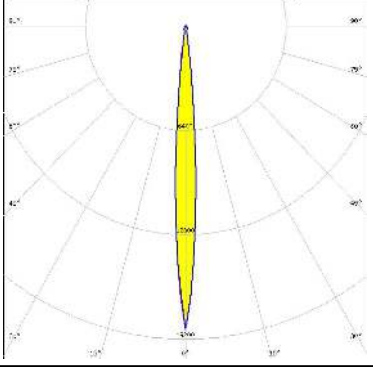

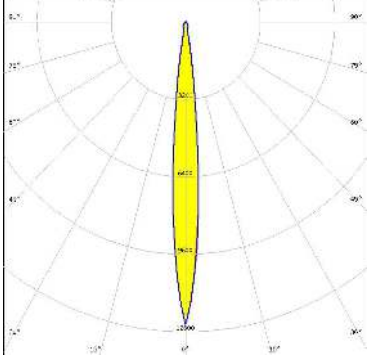


CITIZEN


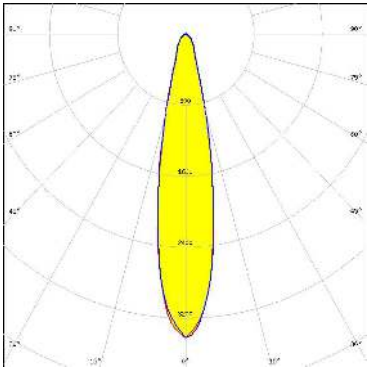

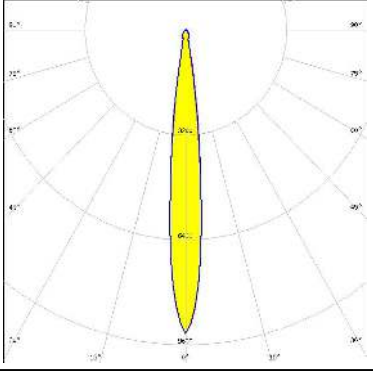
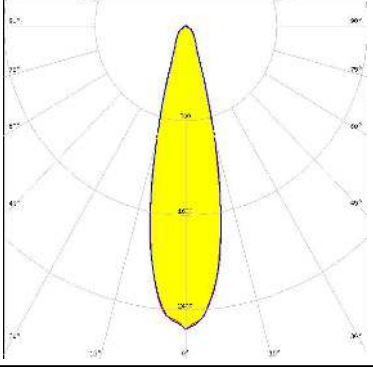
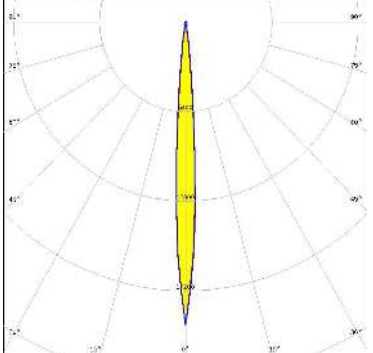
LED CLU700/701/702/703
FWHM / FWTM 11.0° / 19.0°
Efficiency 87 %
Peak intensity 11.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



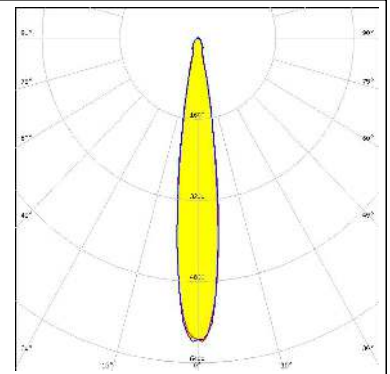
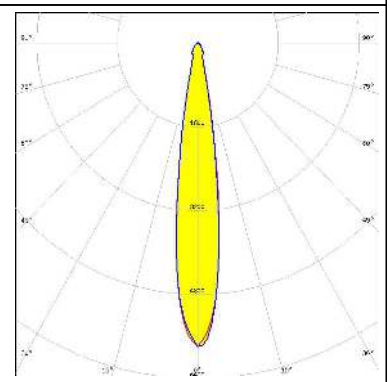
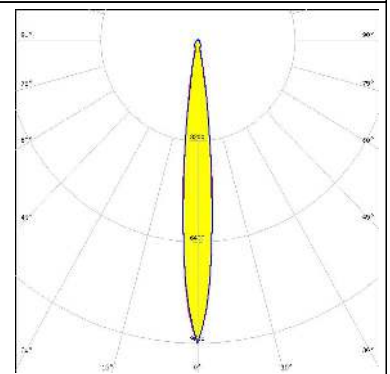
OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED V3 HD Gen 8</p> <p>FWHM / FWTM 8.0° / 15.0 + 16.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 20.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15253_HEKLA-SOCKET-A</p>	
<p></p> <p>LED V4 HD Gen 7</p> <p>FWHM / FWTM 8.0° / 16.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 19.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15253_HEKLA-SOCKET-A</p>	
<p></p> <p>LED V4 HD Gen 8</p> <p>FWHM / FWTM 8.0° / 16.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 18.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15253_HEKLA-SOCKET-A</p>	
<p></p> <p>LED V6 HD Gen 7</p> <p>FWHM / FWTM 10.0° / 20.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 12.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15255_HEKLA-SOCKET-C</p>	

OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED: VERO13 FWHM / FWTM: 22.0° / 42.0° Efficiency: 87 % Peak intensity: 3.4 cd/lm LEDs/each optic: 1 Light colour: White Required components: C16142_HEKLA-SOCKET-K</p>	
<p></p> <p>LED: Vesta DTW 6mm FWHM / FWTM: 12.0° / 22.0° Efficiency: 88 % Peak intensity: 9.3 cd/lm LEDs/each optic: 1 Light colour: White Required components: Bender Wirth: 652b Hekla</p>	
<p>CITIZEN</p> <p>LED: CLL03x/CLU03x FWHM / FWTM: 26.0° / 49.0° Efficiency: 83 % Peak intensity: 2.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CITIZEN</p> <p>LED: CLU7B2 FWHM / FWTM: 8.0° / 14.0° Efficiency: 84 % Peak intensity: 21.7 cd/lm LEDs/each optic: 1 Light colour: White Required components: F17435_HEKLA-G2-C</p>	

OPTICAL RESULTS (SIMULATED):

<p>CREE LED</p> <p>LED: CMA1516 FWHM / FWTM: 15.0° / 29.0° Efficiency: 86 % Peak intensity: 6.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON CoB 1204HD FWHM / FWTM: 16.0° / 30.0° Efficiency: 87 % Peak intensity: 5.8 cd/lm LEDs/each optic: 1 Light colour: White Required components: F15858_HEKLA-SOCKET-H</p>	
<p>NICHIA</p> <p>LED: COB S-Type (LES 7) FWHM / FWTM: 12.0° / 22.0° Efficiency: 84 % Peak intensity: 9.6 cd/lm LEDs/each optic: 1 Light colour: White Required components: Bender Wirth: 652a Hekla</p>	

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

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

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