

## ADELIA-50-S

~15° spot beam



### SPECIFICATION:

Dimensions	Ø 49.8
Height	18 mm
Fastening	snaps
ROHS compliant	yes 

### MATERIALS:

LEDiL®

### Component

ADELIA-50-S

### Type

Reflector

### Material

Aluminium

### Colour

metal

### Finish

gloss

### Coating

Anodized

### ORDERING INFORMATION:

#### Component

C18294\_ADELIA-50-S

» Box size: 370 x 300 x 310 mm

#### Qty in box

2000

#### MOQ

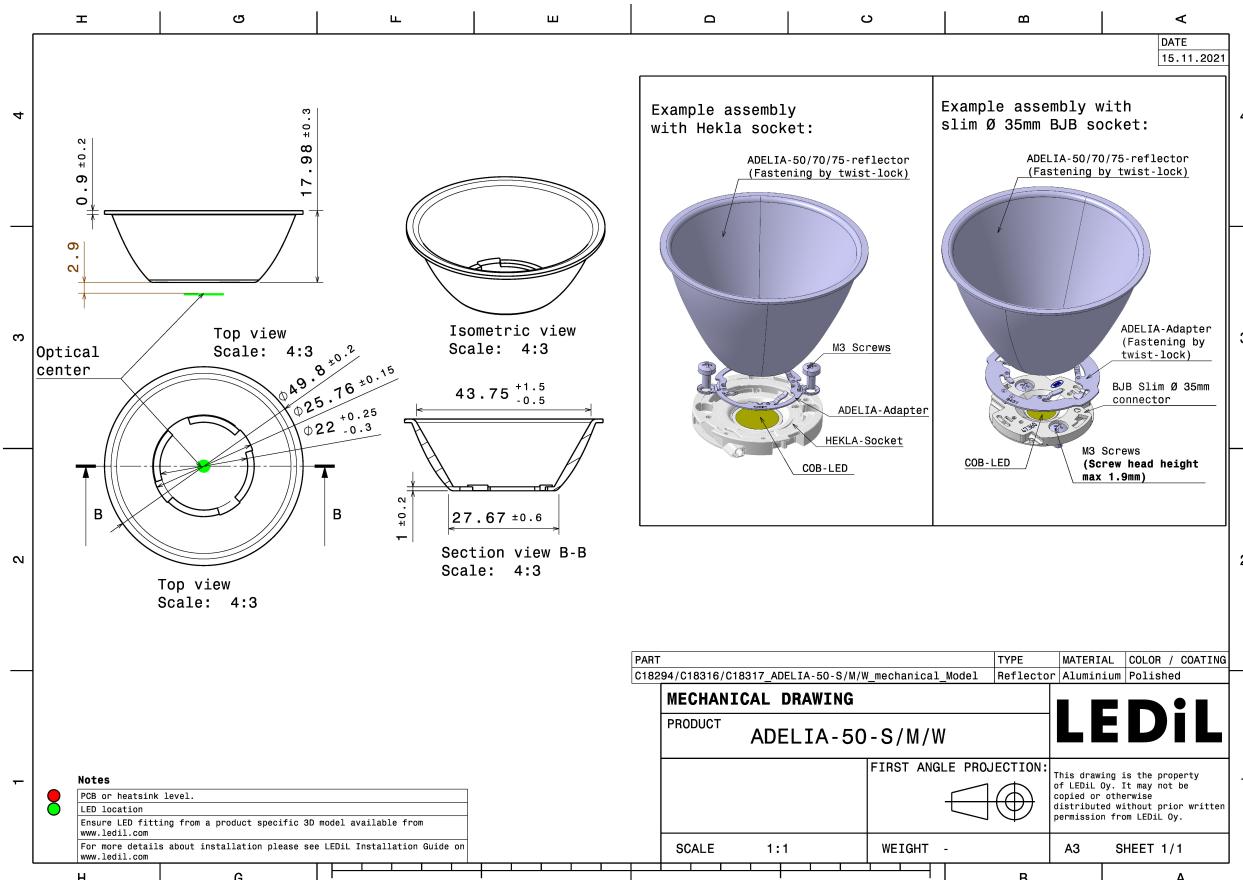
100

#### MPQ

100

#### Box weight (kg)

11.2

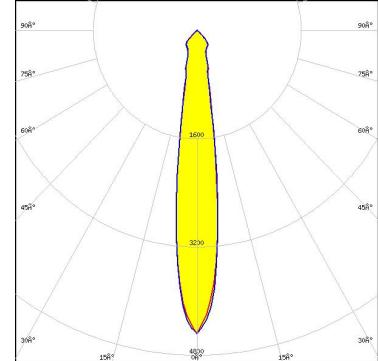


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## OPTICAL RESULTS (SIMULATED):



LED V10 Gen 8-9  
 FWHM / FWTM 16.0° / 40.0°  
 Efficiency 92 %  
 Peak intensity 4.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C18432\_ADELIA-ADAPTER-C

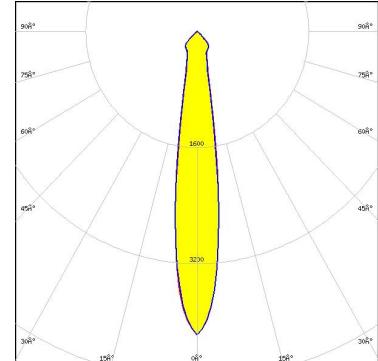


Light distribution files

Bender Wirth: 634b Hekla



LED V10 Gen 8-9  
 FWHM / FWTM 16.0° / 40.0°  
 Efficiency 91 %  
 Peak intensity 4.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C18431\_ADELIA-ADAPTER-B



Light distribution files

BJB: 47.360.1020



LED V18 Gen 8-9  
 FWHM / FWTM 35.0° / 92.0°  
 Efficiency 83 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C18432\_ADELIA-ADAPTER-C



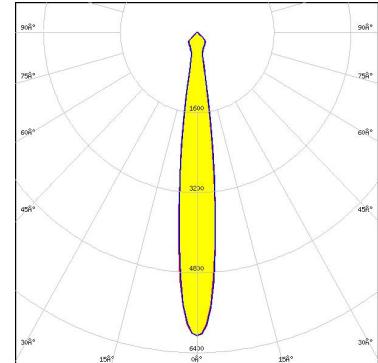
Light distribution files

Bender Wirth: 639b Hekla XL

## OPTICAL RESULTS (SIMULATED):



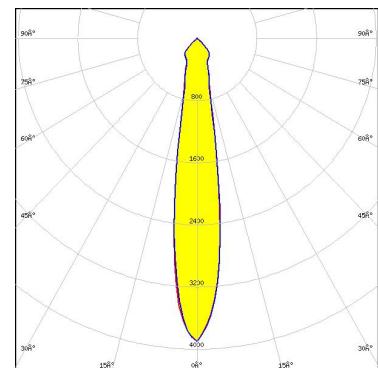
LED	V6 HD Gen 7
FWHM / FWTM	14.1° / 26.1 + 25.1°
Efficiency	96 %
Peak intensity	6.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	F17435_HEKLA-G2-C
	C18432_ADELIA-ADAPTER-C



Light distribution files

## CITIZEN

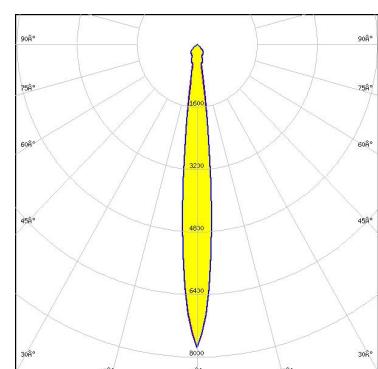
LED	CLU02x (LES10)
FWHM / FWTM	18.0° / 44.0°
Efficiency	91 %
Peak intensity	3.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	F17435_HEKLA-G2-C
	C18432_ADELIA-ADAPTER-C



Light distribution files

## CITIZEN

LED	CLU700/701/702/703
FWHM / FWTM	12.0° / 22.0°
Efficiency	91 %
Peak intensity	7.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	F17435_HEKLA-G2-C
	C18432_ADELIA-ADAPTER-C

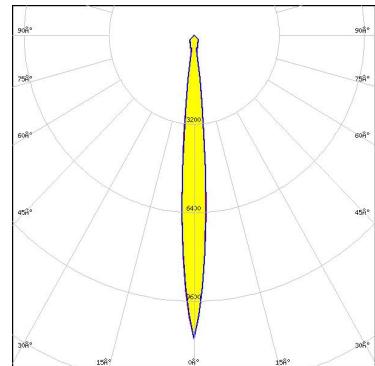


Light distribution files

## OPTICAL RESULTS (SIMULATED):



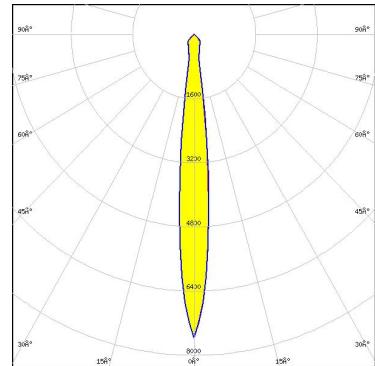
LED CHA0410  
 FWHM / FWTM 10.0° / 18.0°  
 Efficiency 91 %  
 Peak intensity 11 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17435\_HEKLA-G2-C  
 C18432\_ADELIA-ADAPTER-C



Light distribution files



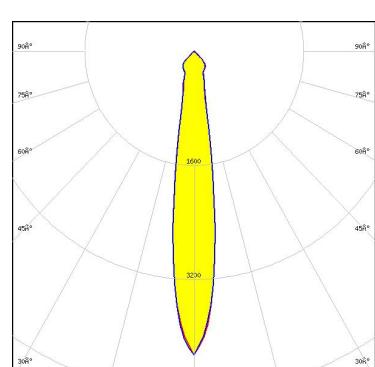
LED CHA0612  
 FWHM / FWTM 12.0° / 22.0°  
 Efficiency 91 %  
 Peak intensity 7.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17435\_HEKLA-G2-C  
 C18432\_ADELIA-ADAPTER-C



Light distribution files



LED CMB15xx  
 FWHM / FWTM 16.0° / 40.0°  
 Efficiency 90 %  
 Peak intensity 4.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17436\_HEKLA-G2-D  
 C18432\_ADELIA-ADAPTER-C



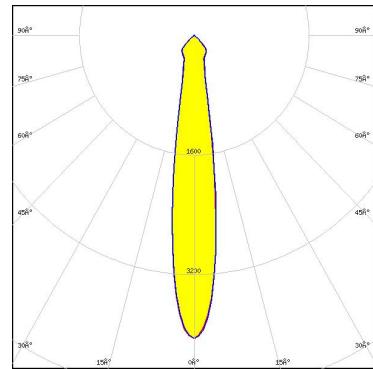
Light distribution files

## OPTICAL RESULTS (SIMULATED):



LED CMU10xx  
FWHM / FWTM 16.0° / 42.0°  
Efficiency 91 %  
Peak intensity 4.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C18431\_ADELIA-ADAPTER-B

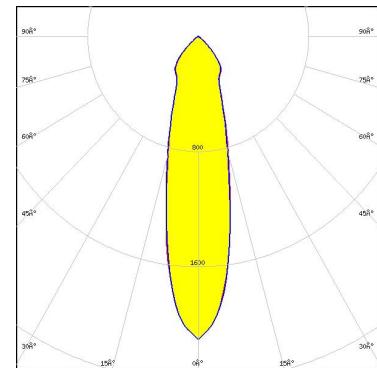
BJB: 47.360.1020



Light distribution files



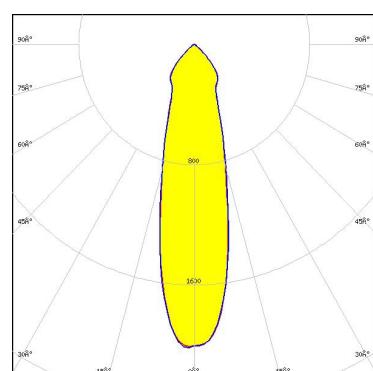
LED CMU15xx  
FWHM / FWTM 25.0° / 84.0°  
Efficiency 89 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I  
C18432\_ADELIA-ADAPTER-C



Light distribution files



LED CMU15xx  
FWHM / FWTM 26.0° / 84.0°  
Efficiency 90 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I  
C18432\_ADELIA-ADAPTER-C

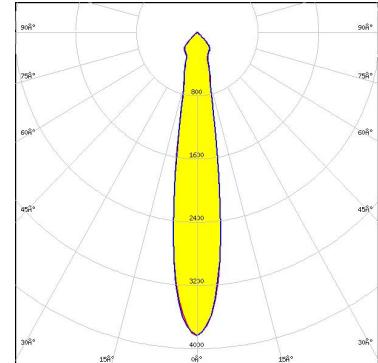


Light distribution files

## OPTICAL RESULTS (SIMULATED):

### SAMSUNG

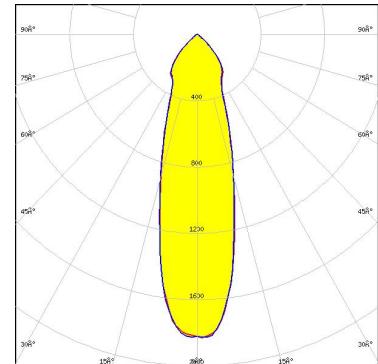
LED LC003D / LC006D / LC009D / LC013D  
 FWHM / FWTM 18.1° / 44.2°  
 Efficiency 92 %  
 Peak intensity 3.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17435\_HEKLA-G2-C  
 C18432\_ADELIA-ADAPTER-C



Light distribution files

### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 FWHM / FWTM 29.2 + 30.2° / 86.5°  
 Efficiency 90 %  
 Peak intensity 1.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17438\_HEKLA-G2-I  
 C18432\_ADELIA-ADAPTER-C



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.

## 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 7  
FI-24100 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

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