

## ADELIA-70-S

~15° spot beam

### SPECIFICATION:

Dimensions	Ø 69.7 mm
Height	42.8 mm
Fastening	snaps
ROHS compliant	yes ⓘ

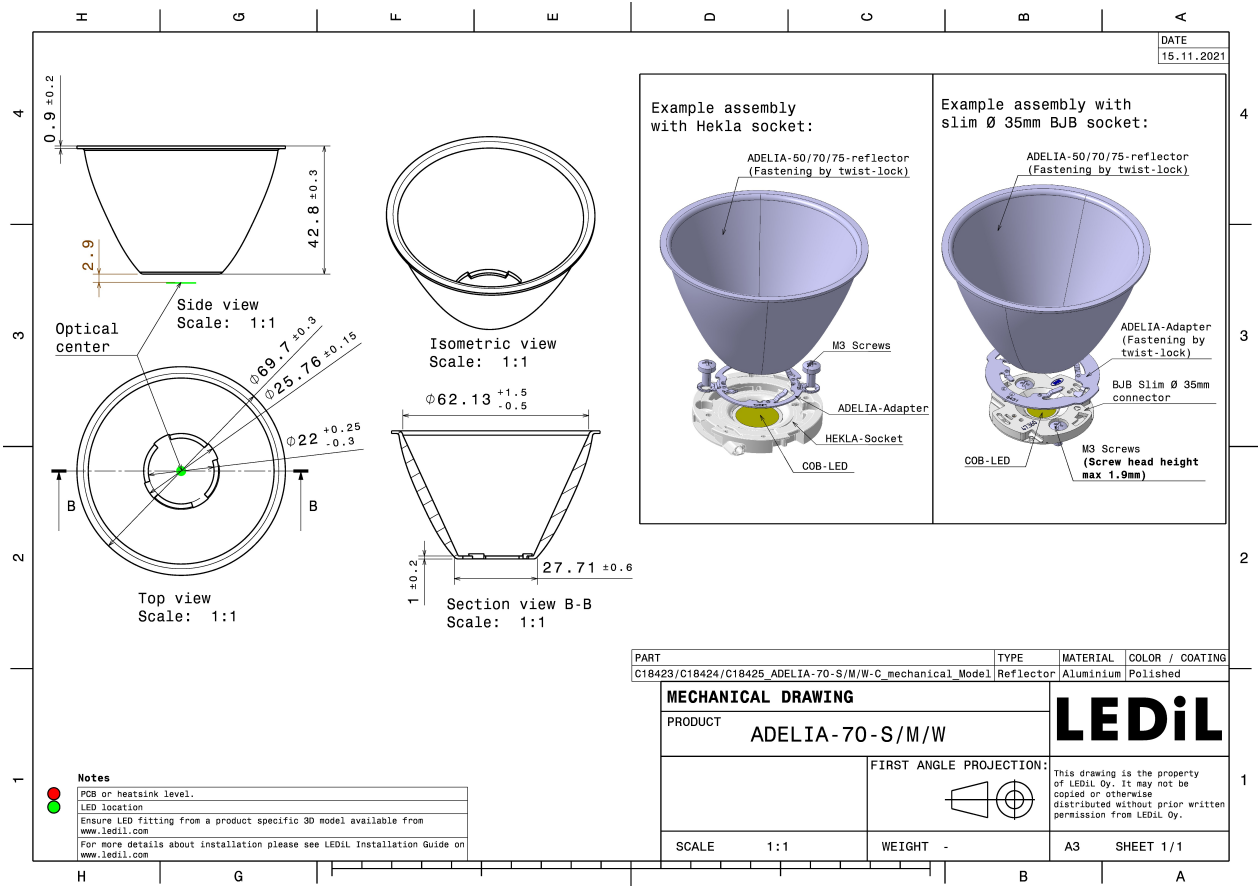
### MATERIALS:

Component	Type	Material	Colour	Finish	Coating
ADELIA-70-S	Reflector	Aluminium	metal	gloss	Anodized



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18423_ADELIA-70-S » Box size: 400 x 300 x 300 mm	840	70	70	15.5



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

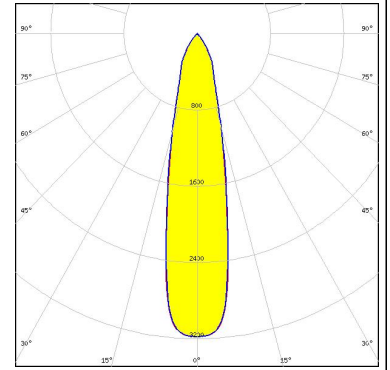
### OPTICAL RESULTS (MEASURED):

bridgelux

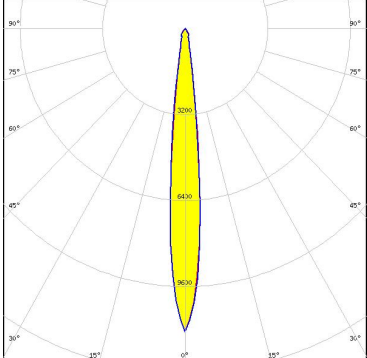
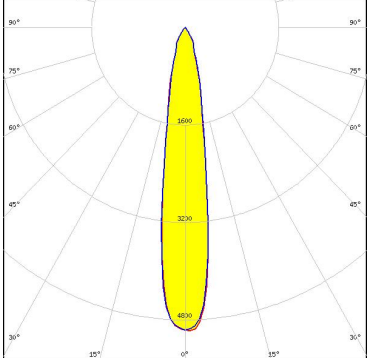

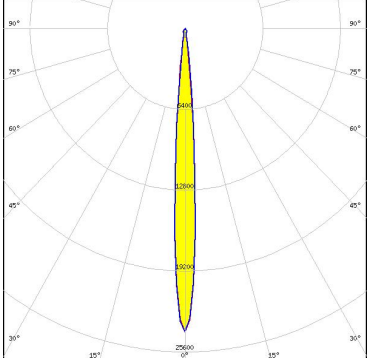
LED V18 Gen 8  
FWHM / FWTM 23.0° / 59.0°  
Efficiency 84 %  
Peak intensity 3.2 cd/lm  
LEDs/each optic 1  
Light colour White

Required components:


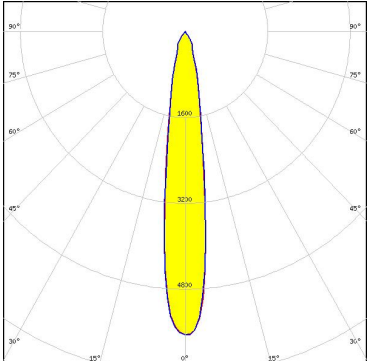

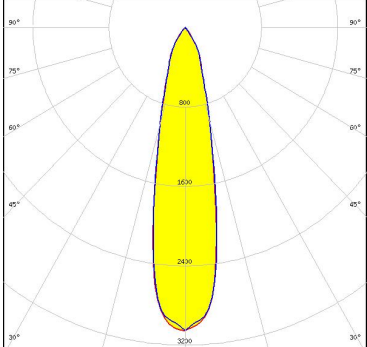

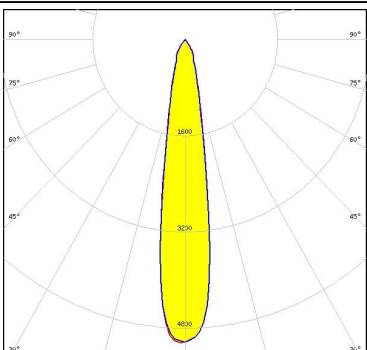

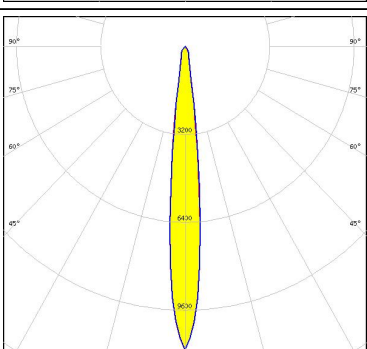
C18432\_ADELIA-ADAPTER-C  
Bender Wirth: 639b Hekla XL



#### OPTICAL RESULTS (SIMULATED):

<p><b>bridgelux.</b></p> <p>LED V10 Gen 8            FWHM / FWTM 12.0° / 23.0°            Efficiency 88 %            Peak intensity 11.3 cd/lm            LEDs/each optic 1            Light colour White</p> <p>Required components:            C18431_ADELIA-ADAPTER-B            BJB: 47.360.1020</p>	
<p><b>bridgelux.</b></p> <p>LED V13 Gen 8            FWHM / FWTM 18.0° / 41.0°            Efficiency 84 %            Peak intensity 5 cd/lm            LEDs/each optic 1            Light colour White</p> <p>Required components:            C18432_ADELIA-ADAPTER-C            Bender Wirth: 633c Hekla</p>	
<p><b>bridgelux.</b></p> <p>LED V22 Gen 8            FWHM / FWTM 24.0° / 58.0°            Efficiency 76 %            Peak intensity 2.8 cd/lm            LEDs/each optic 1            Light colour White</p> <p>Required components:            C18432_ADELIA-ADAPTER-C            Bender Wirth: 631b Hekla XL</p>	
<p><b>bridgelux.</b></p> <p>LED V6 HD Gen 7            FWHM / FWTM 8.0° / 16.1°            Efficiency 93 %            Peak intensity 24 cd/lm            LEDs/each optic 1            Light colour White</p> <p>Required components:            F15253_HEKLA-SOCKET-A            C18432_ADELIA-ADAPTER-C</p>	

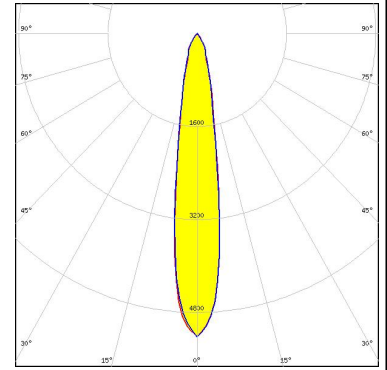
#### OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED: VERO13            FWHM / FWTM: 16.0° / 38.0°            Efficiency: 84 %            Peak intensity: 5.7 cd/lm            LEDs/each optic: 1            Light colour: White</p> <p>Required components:            C18264_HEKLA-SOCKET-VERO18            C18432_ADELIA-ADAPTER-C</p>	
<p></p> <p>LED: VERO18            FWHM / FWTM: 24.0° / 58.0°            Efficiency: 81 %            Peak intensity: 3.1 cd/lm            LEDs/each optic: 1            Light colour: White</p> <p>Required components:            C18264_HEKLA-SOCKET-VERO18            C18432_ADELIA-ADAPTER-C</p>	
<p></p> <p>LED: CMA1840            FWHM / FWTM: 18.0° / 40.0°            Efficiency: 86 %            Peak intensity: 5 cd/lm            LEDs/each optic: 1            Light colour: White</p> <p>Required components:            C18432_ADELIA-ADAPTER-C            Bender Wirth: 637a Hekla</p>	
<p></p> <p>LED: CMU10xx            FWHM / FWTM: 12.0° / 24.0°            Efficiency: 88 %            Peak intensity: 11 cd/lm            LEDs/each optic: 1            Light colour: White</p> <p>Required components:            C18431_ADELIA-ADAPTER-B            BJB: 47.360.1020</p>	

#### OPTICAL RESULTS (SIMULATED):

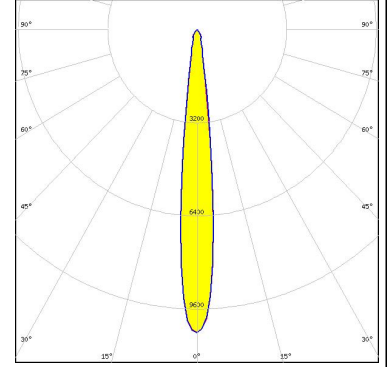


**LED** CMU15xx  
**FWHM / FWTM** 16.0° / 40.0°  
**Efficiency** 86 %  
**Peak intensity** 5.2 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F17438\_HEKLA-G2-I  
 C18432\_ADELIA-ADAPTER-C



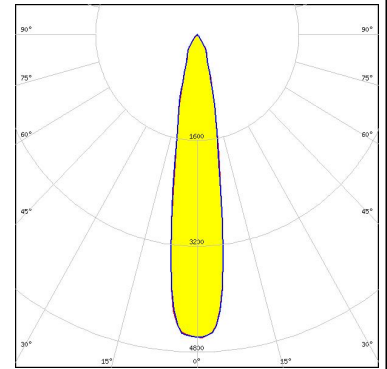
#### SAMSUNG

**LED** LC003D / LC006D / LC009D / LC013D  
**FWHM / FWTM** 12.1° / 24.1°  
**Efficiency** 90 %  
**Peak intensity** 10.4 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F17435\_HEKLA-G2-C  
 C18432\_ADELIA-ADAPTER-C



#### SAMSUNG

**LED** LC016D / LC019D / LC026D / LC033D  
**FWHM / FWTM** 18.1° / 43.2 + 44.2°  
**Efficiency** 88 %  
**Peak intensity** 4.6 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F17438\_HEKLA-G2-I  
 C18432\_ADELIA-ADAPTER-C



### 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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