

## ADELIA-70-W

~36° wide beam

### SPECIFICATION:

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

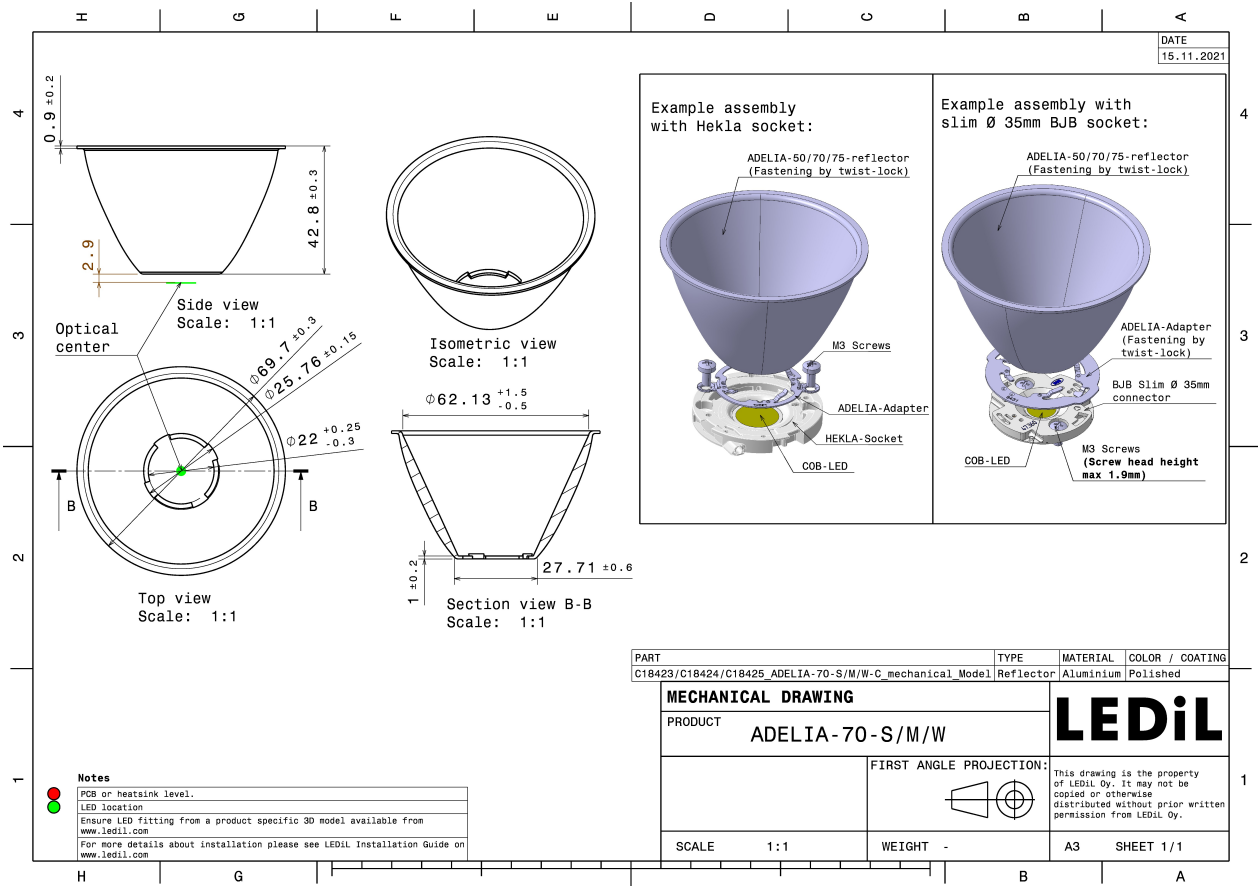
### MATERIALS:

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



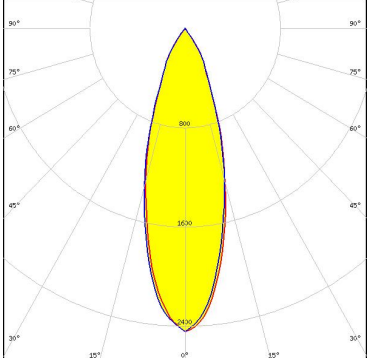
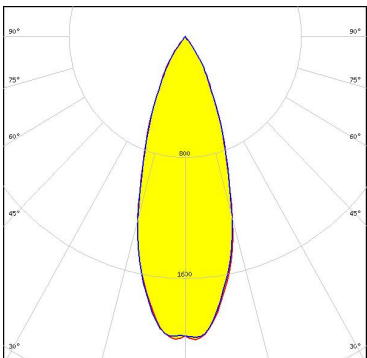
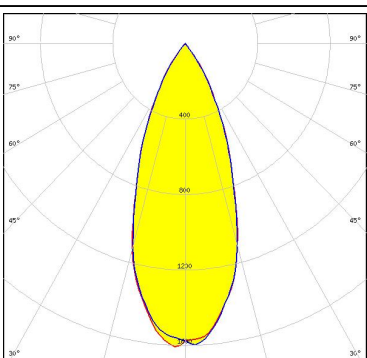
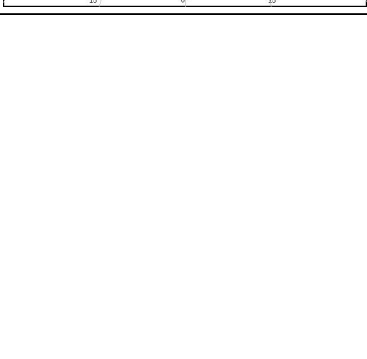
### ORDERING INFORMATION:

| Component  | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|------------|-----|-----|-----------------|
| C18425_ADELIA-70-W<br>» Box size: 400 x 300 x 300 mm | 840        | 70  | 70  | 13.3            |


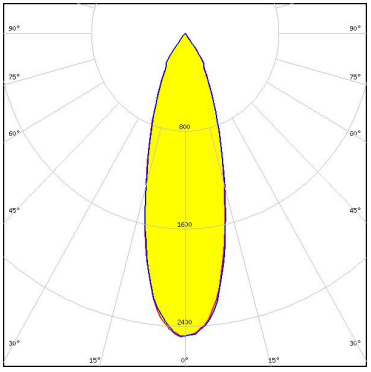

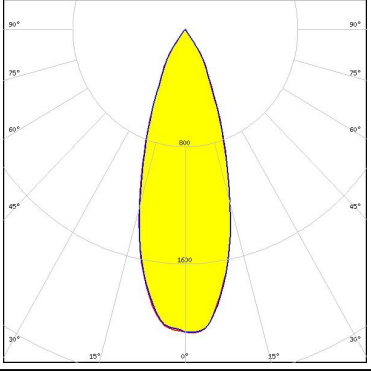

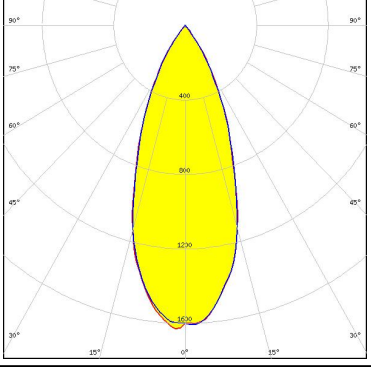

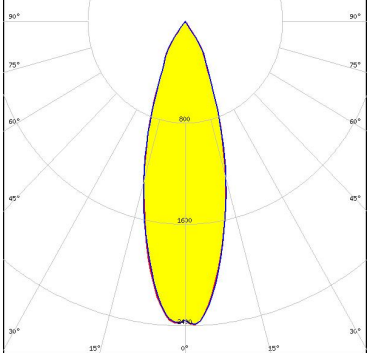


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (SIMULATED):

|  |   |
|--|---|
| <p><b>bridgelux.</b></p> <p>LED V10 Gen 8<br/>           FWHM / FWTM 32.0° / 65.0°<br/>           Efficiency 87 %<br/>           Peak intensity 2.4 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White</p> <p>Required components:<br/>           C18431_ADELIA-ADAPTER-B<br/>           BJB: 47.360.1020</p>            |    |
| <p><b>bridgelux.</b></p> <p>LED V13 Gen 8<br/>           FWHM / FWTM 36.0° / 66.0°<br/>           Efficiency 84 %<br/>           Peak intensity 2 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White</p> <p>Required components:<br/>           C18432_ADELIA-ADAPTER-C<br/>           Bender Wirth: 633c Hekla</p>      |   |
| <p><b>bridgelux.</b></p> <p>LED V18 Gen 8<br/>           FWHM / FWTM 40.0° / 70.0°<br/>           Efficiency 78 %<br/>           Peak intensity 1.6 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White</p> <p>Required components:<br/>           C18432_ADELIA-ADAPTER-C<br/>           Bender Wirth: 639b Hekla XL</p> |  |
| <p><b>bridgelux.</b></p> <p>LED V22 Gen 8<br/>           FWHM / FWTM 40.0° / 70.0°<br/>           Efficiency 75 %<br/>           Peak intensity 1.5 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White</p> <p>Required components:<br/>           C18432_ADELIA-ADAPTER-C<br/>           Bender Wirth: 631b Hekla XL</p> |  |

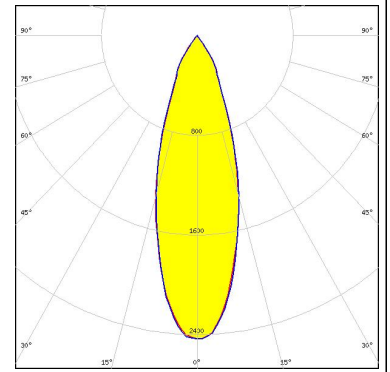
#### OPTICAL RESULTS (SIMULATED):

|  |   |
|--|---|
| <p></p> <p>LED V6 HD Gen 7</p> <p>FWHM / FWTM 30.2 + 31.2° / 68.4°</p> <p>Efficiency 93 %</p> <p>Peak intensity 2.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:<br/>F15253_HEKLA-SOCKET-A<br/>C18432_ADELIA-ADAPTER-C</p> |    |
| <p></p> <p>LED VERO13</p> <p>FWHM / FWTM 34.0° / 66.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 2.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:<br/>C18264_HEKLA-SOCKET-VERO18<br/>C18432_ADELIA-ADAPTER-C</p>        |   |
| <p></p> <p>LED VERO18</p> <p>FWHM / FWTM 40.0° / 70.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 1.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:<br/>C18264_HEKLA-SOCKET-VERO18<br/>C18432_ADELIA-ADAPTER-C</p>      |  |
| <p></p> <p>LED CMU10xx</p> <p>FWHM / FWTM 32.0° / 66.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 2.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:<br/>C18431_ADELIA-ADAPTER-B<br/>BJB: 47.360.1020</p>               |  |

### OPTICAL RESULTS (SIMULATED):

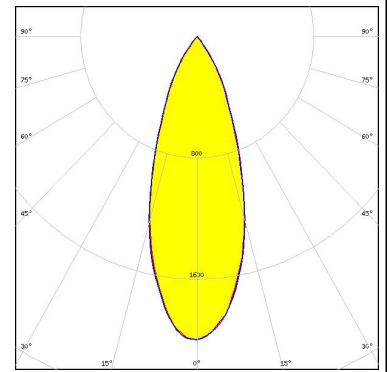
#### SAMSUNG

LED LC003D / LC006D / LC009D / LC013D  
FWHM / FWTM 32.2° / 66.4°  
Efficiency 90 %  
Peak intensity 2.4 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 36.2° / 68.4°  
Efficiency 87 %  
Peak intensity 2 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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