

ADELIA-70-M

~24° medium beam

SPECIFICATION:

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

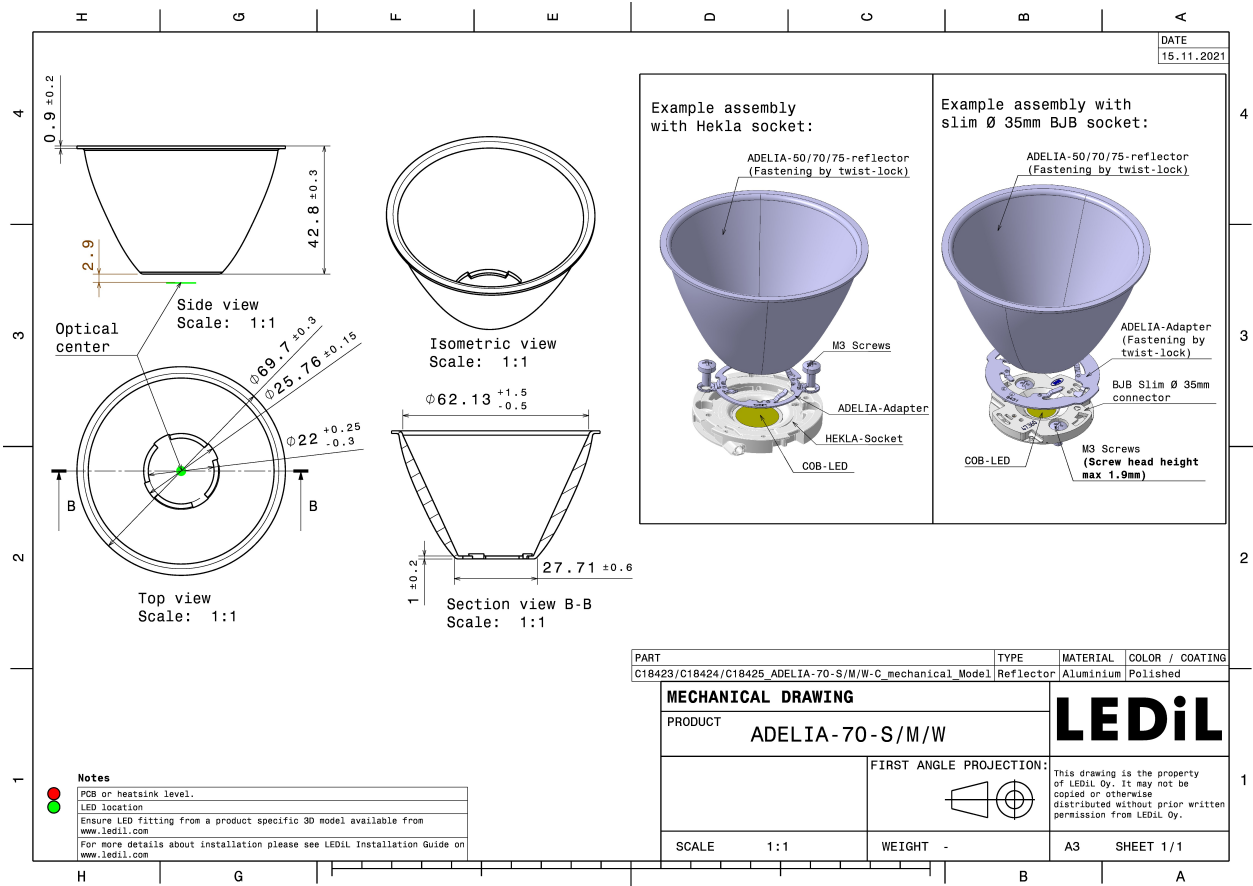
MATERIALS:

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



ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|------------|-----|-----|-----------------|
| C18424_ADELIA-70-M » Box size: 400 x 300 x 300 mm | 840 | 70 | 70 | 14.0 |



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

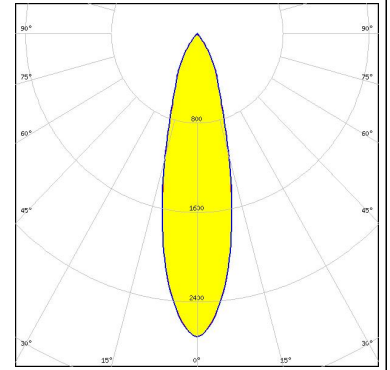
OPTICAL RESULTS (MEASURED):

bridgelux


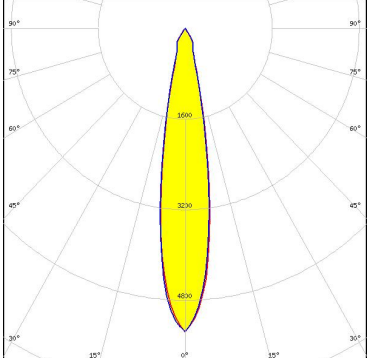

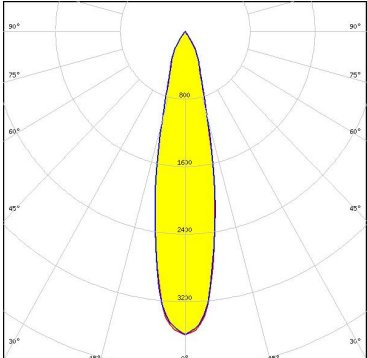



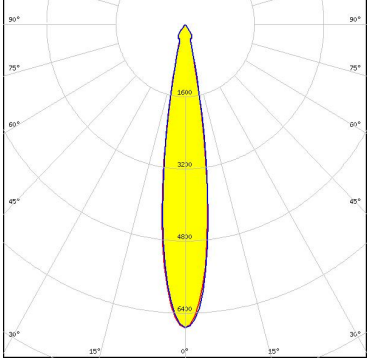
LED V18 Gen 8
FWHM / FWTM 27.0° / 62.0°
Efficiency 84 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White

Required components:


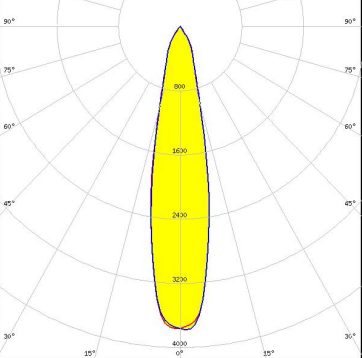

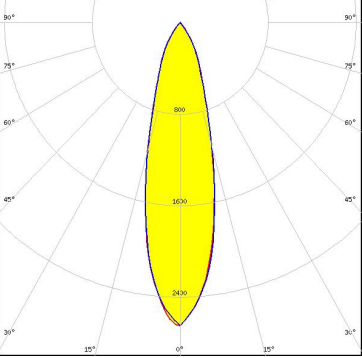

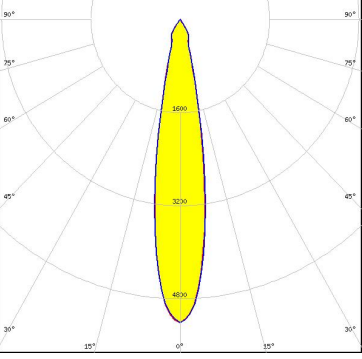

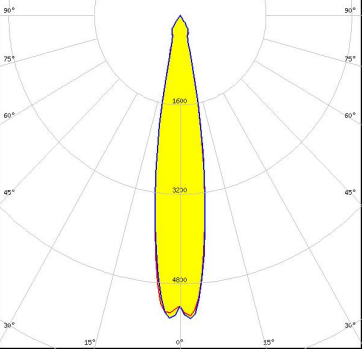
C18432_ADELIA-ADAPTER-C
Bender Wirth: 639b Hekla XL



OPTICAL RESULTS (SIMULATED):

| | |
|--|---|
| <p></p> <p>LED V10 Gen 8 FWHM / FWTM 18.0° / 36.0° Efficiency 88 % Peak intensity 5.4 cd/lm LEDs/each optic 1 Light colour White Required components: C18431_ADELIA-ADAPTER-B BJB: 47.360.1020</p> |  |
| <p></p> <p>LED V13 Gen 8 FWHM / FWTM 23.0° / 53.0° Efficiency 84 % Peak intensity 3.6 cd/lm LEDs/each optic 1 Light colour White Required components: C18432_ADELIA-ADAPTER-C Bender Wirth: 633c Hekla</p> |  |
| <p></p> <p>LED V22 Gen 8 FWHM / FWTM 28.0° / 62.0° Efficiency 75 % Peak intensity 2.4 cd/lm LEDs/each optic 1 Light colour White Required components: C18432_ADELIA-ADAPTER-C Bender Wirth: 631b Hekla XL</p> |  |
| <p></p> <p>LED V6 HD Gen 7 FWHM / FWTM 17.1° / 32.2 + 31.2° Efficiency 93 % Peak intensity 6.7 cd/lm LEDs/each optic 1 Light colour White Required components: F15253_HEKLA-SOCKET-A C18432_ADELIA-ADAPTER-C</p> |  |

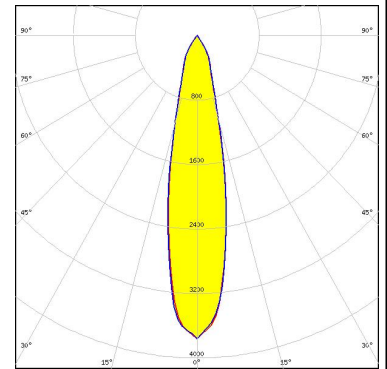
OPTICAL RESULTS (SIMULATED):

| | |
|---|---|
| <p></p> <p>LED: VERO13 FWHM / FWTM: 22.0° / 50.0° Efficiency: 84 % Peak intensity: 3.8 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: 26.0° / 60.0° Efficiency: 81 % Peak intensity: 2.7 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: CMU10xx FWHM / FWTM: 20.0° / 36.0° Efficiency: 88 % Peak intensity: 5.2 cd/lm LEDs/each optic: 1 Light colour: White</p> <p>Required components: C18431_ADELIA-ADAPTER-B BJB: 47.360.1020</p> |  |
| <p></p> <p>LED: CXA/B 15xx FWHM / FWTM: 18.0° / 34.0° Efficiency: 87 % Peak intensity: 5.5 cd/lm LEDs/each optic: 1 Light colour: White</p> <p>Required components: F17436_HEKLA-G2-D C18432_ADELIA-ADAPTER-C</p> |  |

OPTICAL RESULTS (SIMULATED):

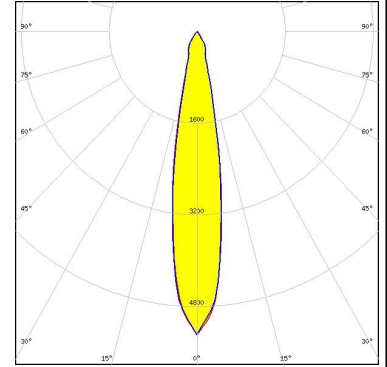


LED CXA/B 1830
 FWHM / FWTM 22.0° / 52.0°
 Efficiency 85 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C18432_ADELIA-ADAPTER-C
 Bender Wirth: 637b Hekla



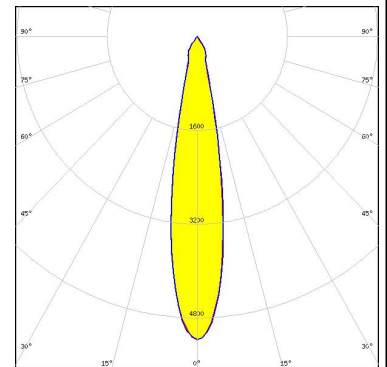
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 18.0° / 36.0°
 Efficiency 87 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C
 C18432_ADELIA-ADAPTER-C



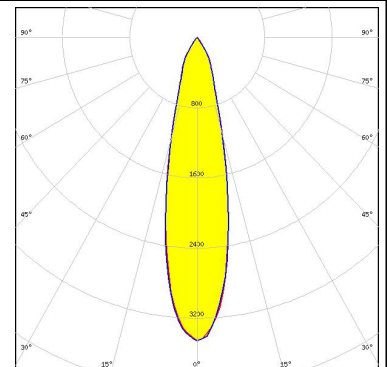
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 20.1° / 36.2 + 37.2°
 Efficiency 90 %
 Peak intensity 5.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C
 C18432_ADELIA-ADAPTER-C



SAMSUNG

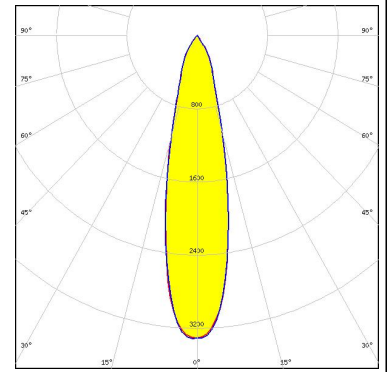
LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 24.1° / 56.3 + 55.3°
 Efficiency 88 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I
 C18432_ADELIA-ADAPTER-C



OPTICAL RESULTS (SIMULATED):

SAMSUNG

| | |
|----------------------|-----------------------------------|
| LED | LC016D / LC019D / LC026D / LC033D |
| FWHM / FWTM | 24.0° / 56.0° |
| Efficiency | 85 % |
| Peak intensity | 3.3 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.

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)

Shipping locations

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