

## ADELIA-110-M

~24° medium beam

## SPECIFICATION:

Dimensions	Ø 109.8 mm
Height	57.9 mm
Fastening	snaps
ROHS compliant	yes ⓘ

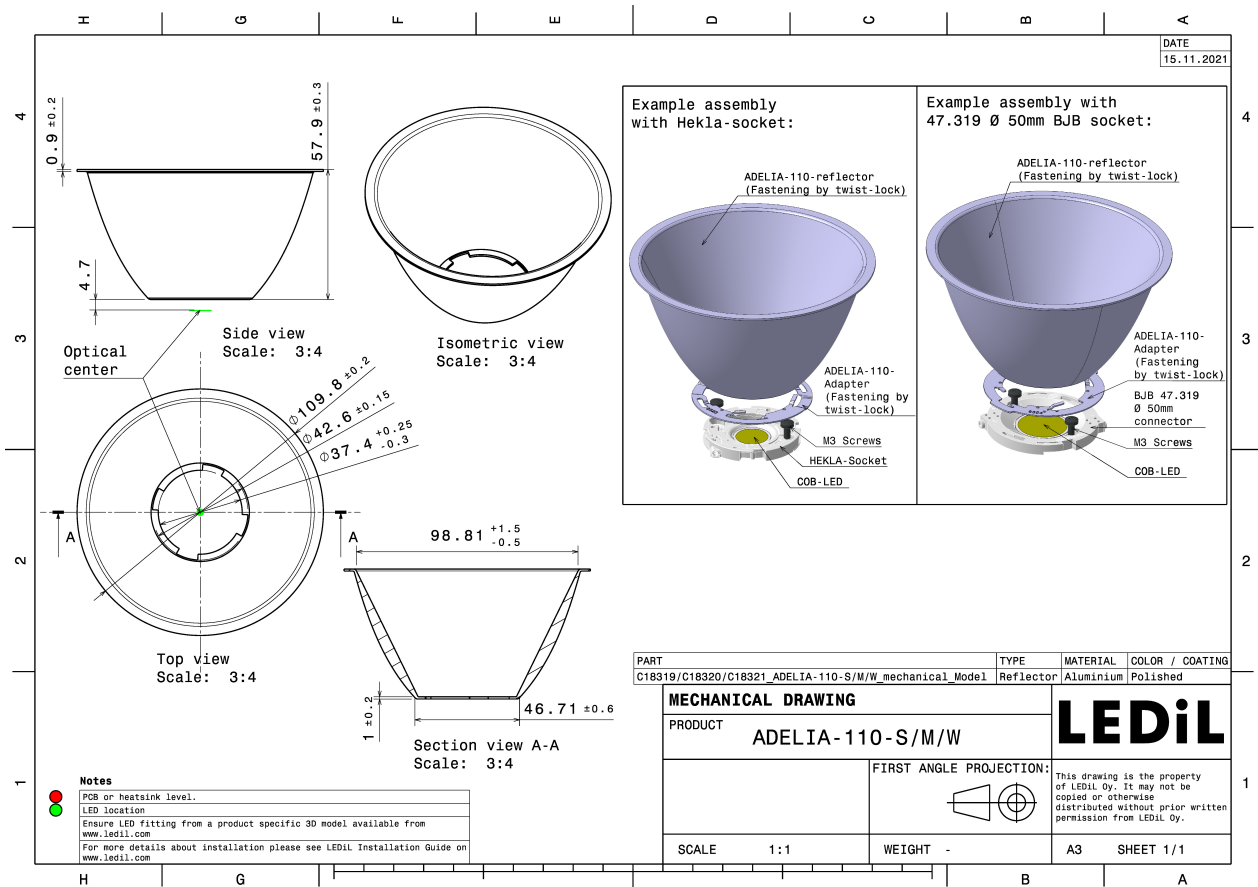
## MATERIALS:

Component	Type	Material	Colour	Finish	Coating
ADELIA-110-M	Reflector	Aluminium	metal	gloss	Anodized



## ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18320_ADELIA-110-M » Box size: 400 x 280 x 280 mm	360	60	60	13.7



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

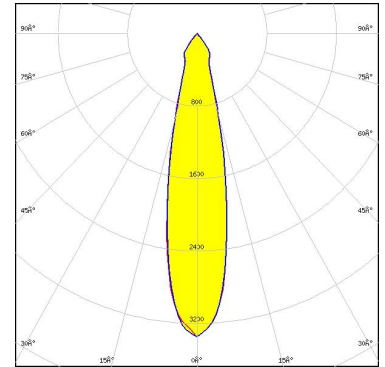
#### OPTICAL RESULTS (SIMULATED):



LED V18 Gen 8-9  
 FWHM / FWTM 22.0° / 48.0°  
 Efficiency 84 %  
 Peak intensity 3.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C18323\_ADELIA-110-ADAPTER-C

Bender Wirth: 639b Hekla XL

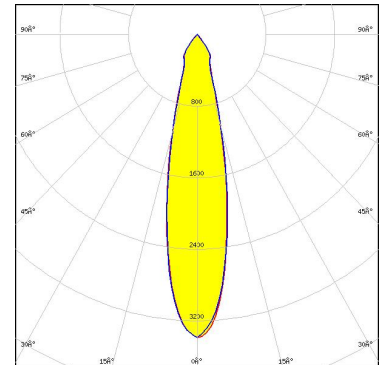
Light distribution files



LED V22 Gen 8-9  
 FWHM / FWTM 24.0° / 52.0°  
 Efficiency 87 %  
 Peak intensity 3.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C18323\_ADELIA-110-ADAPTER-C

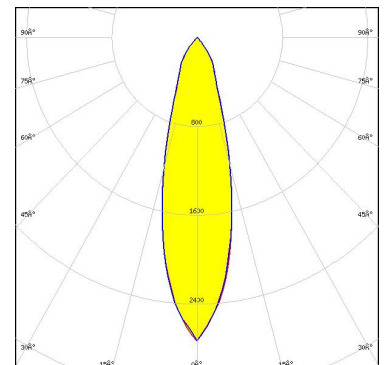
Bender Wirth: 631b Hekla XL

Light distribution files



LED Vero SE 29  
 FWHM / FWTM 27.0° / 64.0°  
 Efficiency 89 %  
 Peak intensity 2.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Light distribution files



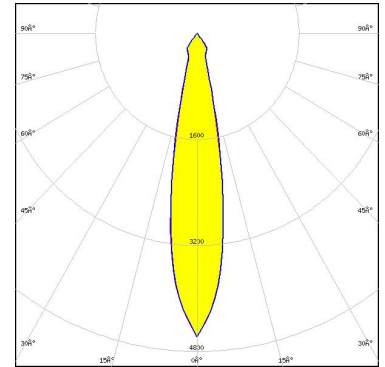
#### OPTICAL RESULTS (SIMULATED):



LED VERO13  
FWHM / FWTM 20.0° / 37.0°  
Efficiency 89 %  
Peak intensity 4.6 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:

C18264\_HEKLA-SOCKET-VERO18  
C18323\_ADELIA-110-ADAPTER-C



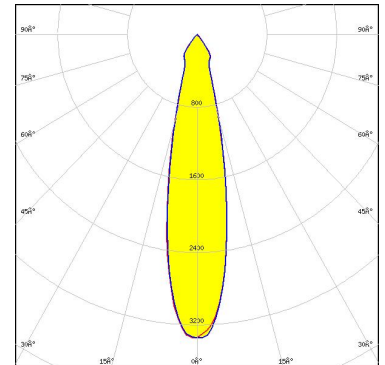
Light distribution files



LED VERO18  
FWHM / FWTM 22.0° / 50.0°  
Efficiency 83 %  
Peak intensity 3.4 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:

C18264\_HEKLA-SOCKET-VERO18  
C18323\_ADELIA-110-ADAPTER-C



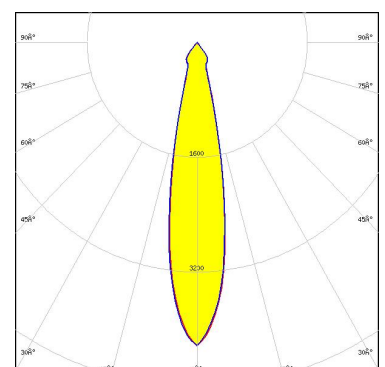
Light distribution files



LED CMA1840  
FWHM / FWTM 22.0° / 40.0°  
Efficiency 89 %  
Peak intensity 4.2 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:

C18324\_ADELIA-110-ADAPTER-B



Light distribution files

Bender Wirth: 637a Bayonet50

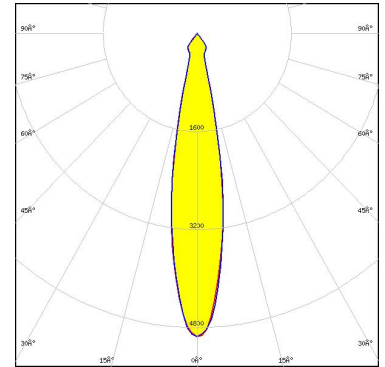
#### OPTICAL RESULTS (SIMULATED):



LED CXA/B 15xx  
FWHM / FWTM 20.0° / 34.0°  
Efficiency 89 %  
Peak intensity 5 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:

F17436\_HEKLA-G2-D  
C18323\_ADELIA-110-ADAPTER-C



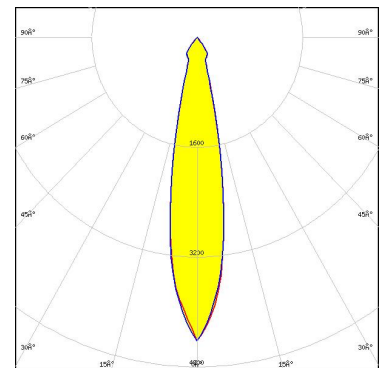
Light distribution files



LED CXA/B 1830  
FWHM / FWTM 20.0° / 38.0°  
Efficiency 89 %  
Peak intensity 4.4 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:

C18323\_ADELIA-110-ADAPTER-C



Light distribution files

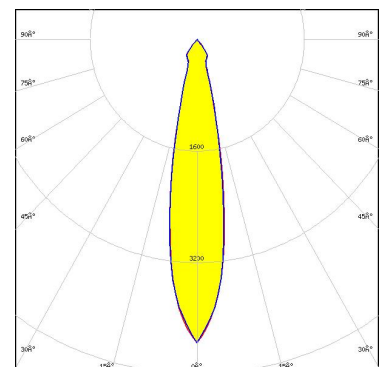
Bender Wirth: 637b Hekla



LED LUXEON CoB 1208  
FWHM / FWTM 20.0° / 38.0°  
Efficiency 89 %  
Peak intensity 4.4 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:

C18324\_ADELIA-110-ADAPTER-B



Light distribution files

Bender Wirth: 632a Bayonet50

#### OPTICAL RESULTS (SIMULATED):



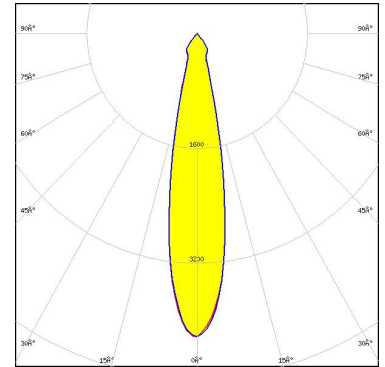
LED COB J-Type  
FWHM / FWTM 22.0° / 40.0°  
Efficiency 89 %  
Peak intensity 4.2 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:

C18324\_ADELIA-110-ADAPTER-B

Bender Wirth: 663a Bayonet50

Light distribution files



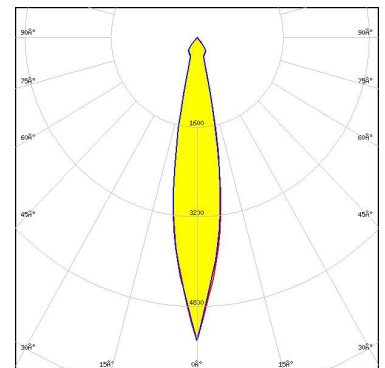
LED LC003D / LC006D / LC009D / LC013D  
FWHM / FWTM 18.0° / 34.0°  
Efficiency 89 %  
Peak intensity 5.4 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:

F17435\_HEKLA-G2-C

C18323\_ADELIA-110-ADAPTER-C

Light distribution files



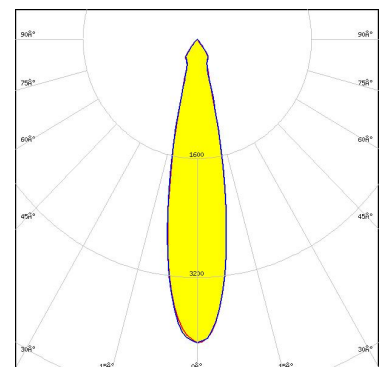
LED LC016D / LC019D / LC026D / LC033D  
FWHM / FWTM 22.0° / 42.0°  
Efficiency 90 %  
Peak intensity 4.1 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:

F17438\_HEKLA-G2-I

C18323\_ADELIA-110-ADAPTER-C

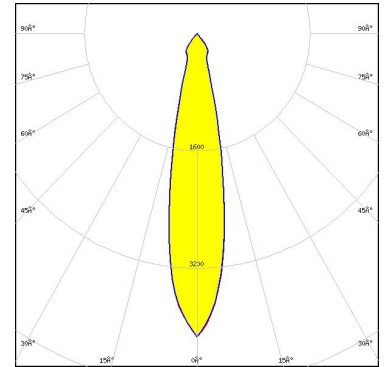
Light distribution files



#### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

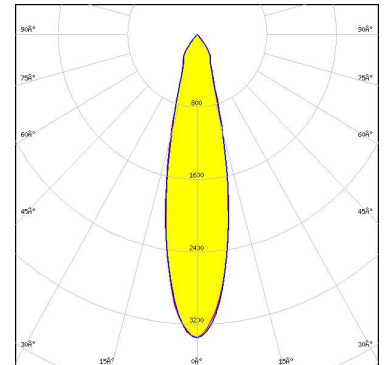
LED LC016D / LC019D / LC026D / LC033D  
 FWHM / FWTM 21.0° / 40.0°  
 Efficiency 89 %  
 Peak intensity 4.1 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17438\_HEKLA-G2-I  
 C18323\_ADELIA-110-ADAPTER-C



Light distribution files

#### SAMSUNG

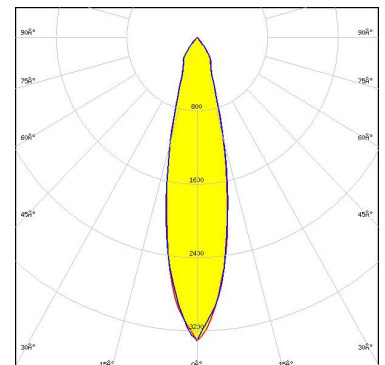
LED LC040D / LC060D / LC080D  
 FWHM / FWTM 24.0° / 55.0 + 54.0°  
 Efficiency 91 %  
 Peak intensity 3.4 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C18324\_ADELIA-110-ADAPTER-B



Light distribution files



LED MJT COB LES 22  
 FWHM / FWTM 24.0° / 56.0°  
 Efficiency 89 %  
 Peak intensity 3.3 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C18324\_ADELIA-110-ADAPTER-B



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.

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