

## ADELIA-110-W

~36° wide beam

### SPECIFICATION:

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

### MATERIALS:

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



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18321_ADELIA-110-W » Box size: 400 x 280 x 280 mm	360	60	60	13.3



#### OPTICAL RESULTS (SIMULATED):

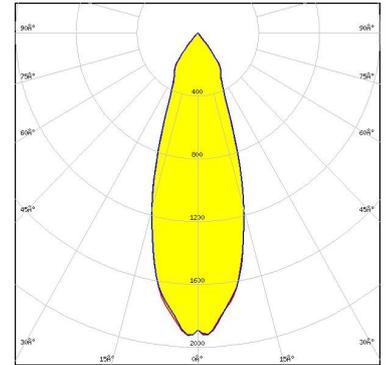


LED V18 Gen 8-9  
FWHM / FWTM 34.0° / 74.0°  
Efficiency 84 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:

C18323\_ADELIA-110-ADAPTER-C

Bender Wirth: 639b Hekla XL



Light distribution files

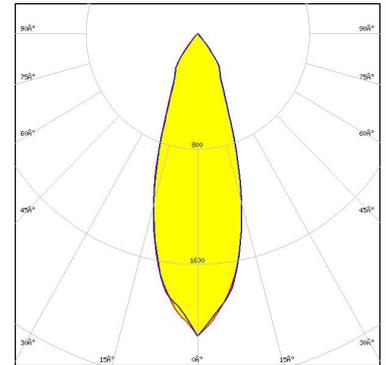


LED V22 Gen 8-9  
FWHM / FWTM 34.0° / 72.0°  
Efficiency 87 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:

C18323\_ADELIA-110-ADAPTER-C

Bender Wirth: 631b Hekla XL

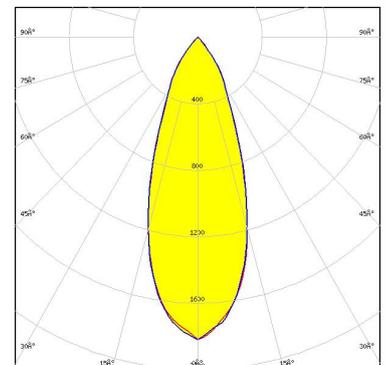


Light distribution files



LED Vero SE 29  
FWHM / FWTM 38.0° / 74.0°  
Efficiency 89 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:



Light distribution files

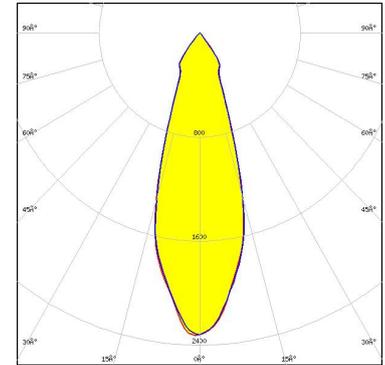
#### OPTICAL RESULTS (SIMULATED):



**LED** VERO13  
**FWHM / FWTM** 32.0° / 72.0°  
**Efficiency** 88 %  
**Peak intensity** 2.3 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White

**Required components:**

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



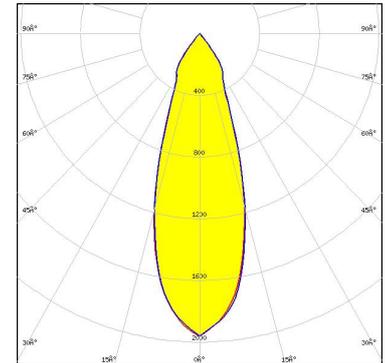
Light distribution files



**LED** VERO18  
**FWHM / FWTM** 34.0° / 74.0°  
**Efficiency** 83 %  
**Peak intensity** 2 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White

**Required components:**

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



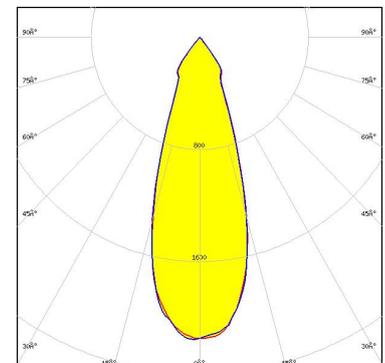
Light distribution files

## SAMSUNG

**LED** LC016D / LC019D / LC026D / LC033D  
**FWHM / FWTM** 34.0° / 74.0°  
**Efficiency** 90 %  
**Peak intensity** 2.2 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

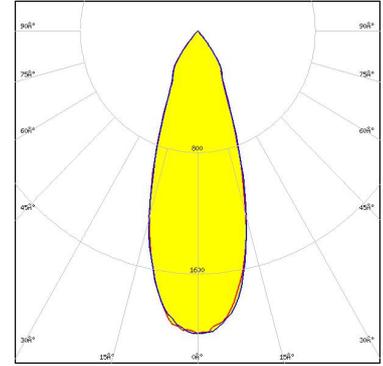
LED	LC040D / LC060D / LC080D
FWHM / FWTM	36.0° / 74.0°
Efficiency	90 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:

C18324\_ADELIA-110-ADAPTER-B

BJB: 47.319.2030

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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