

ADELIA-110-S

~15° spot beam

SPECIFICATION:

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

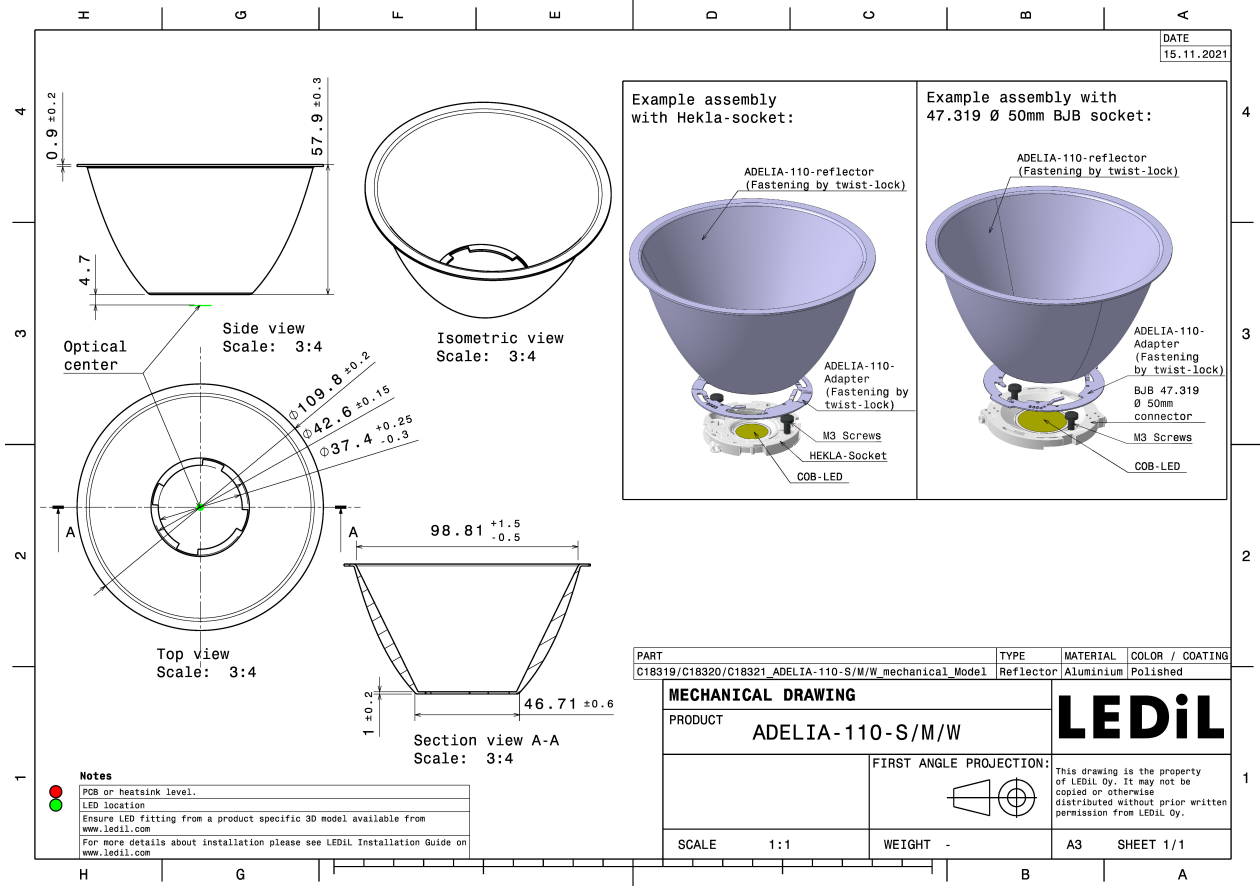
MATERIALS:

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



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18319_ADELIA-110-S » Box size: 400 x 280 x 280 mm	360	60	60	13.7



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

OPTICAL RESULTS (SIMULATED):



LED V18 Gen 8-9
FWHM / FWTM 14.0° / 28.0°
Efficiency 84 %
Peak intensity 6.6 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



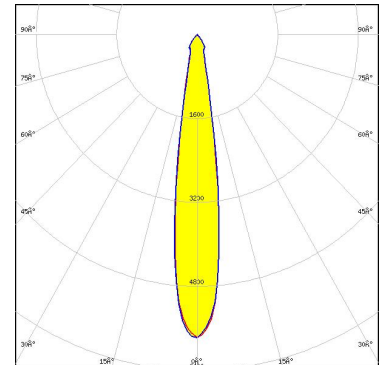
LED V22 Gen 8-9
FWHM / FWTM 16.0° / 33.0°
Efficiency 87 %
Peak intensity 5.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18323_ADELIA-110-ADAPTER-C

Bender Wirth: 631b Hekla XL

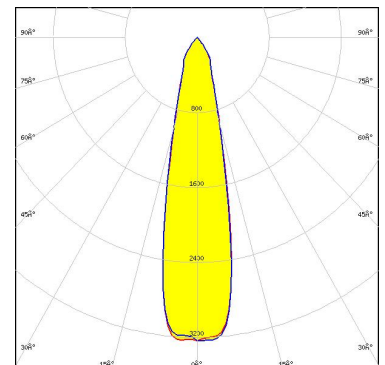
Light distribution files



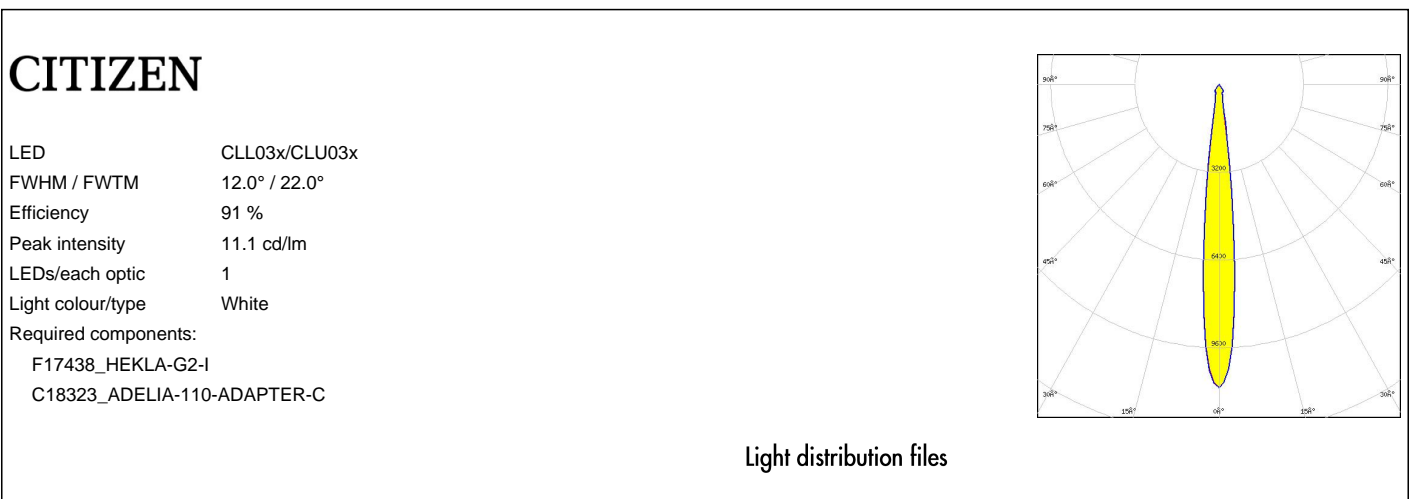
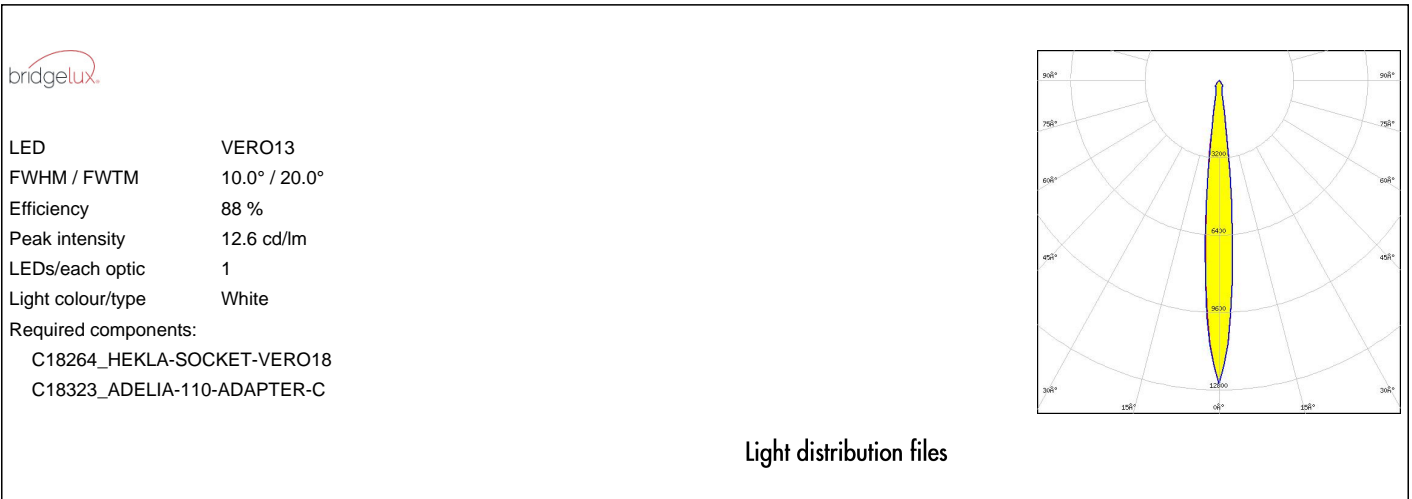
LED Vero SE 29
FWHM / FWTM 24.0° / 55.0°
Efficiency 89 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

Light distribution files



OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

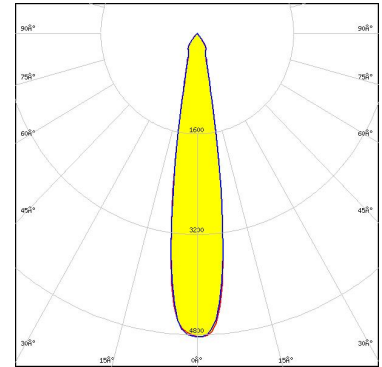
CITIZEN

LED CLL04x/CLU04x
FWHM / FWTM 18.0° / 38.0°
Efficiency 89 %
Peak intensity 4.9 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18324_ADELIA-110-ADAPTER-B

Bender Wirth: 631a Bayonet50



Light distribution files

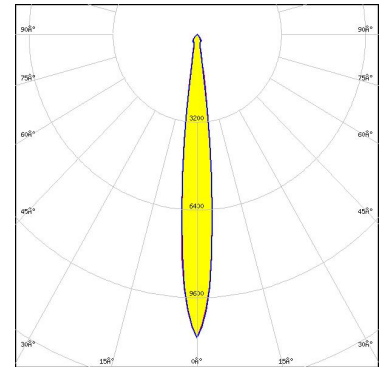


LED CMA1840
FWHM / FWTM 12.0° / 22.0°
Efficiency 89 %
Peak intensity 11.1 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18324_ADELIA-110-ADAPTER-B

Bender Wirth: 637a Bayonet50



Light distribution files

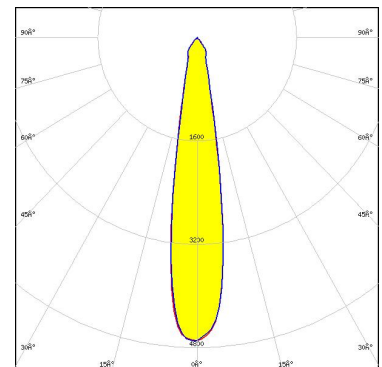


LED CMA3090
FWHM / FWTM 18.0° / 40.0°
Efficiency 89 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18324_ADELIA-110-ADAPTER-B

BJB: 47.319.2151



Light distribution files

OPTICAL RESULTS (SIMULATED):

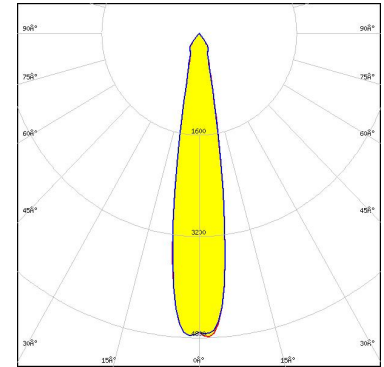


LED CMU22xx
FWHM / FWTM 18.0° / 39.0°
Efficiency 89 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18324_ADELIA-110-ADAPTER-B

Bender Wirth: 631a Bayonet50



Light distribution files

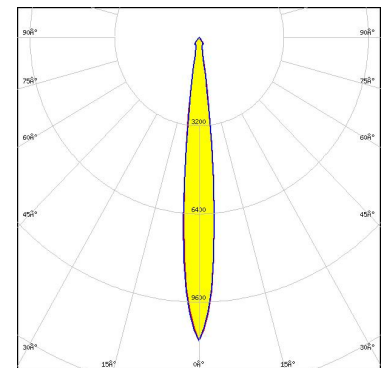


LED LUXEON CoB 1208
FWHM / FWTM 12.0° / 22.0°
Efficiency 89 %
Peak intensity 11 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18324_ADELIA-110-ADAPTER-B

Bender Wirth: 632a Bayonet50



Light distribution files

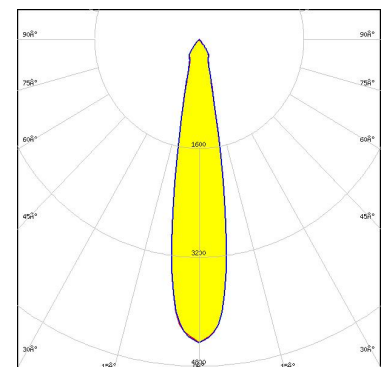


LED LUXEON CoB 1213/1216/1812
FWHM / FWTM 20.0° / 41.0°
Efficiency 89 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

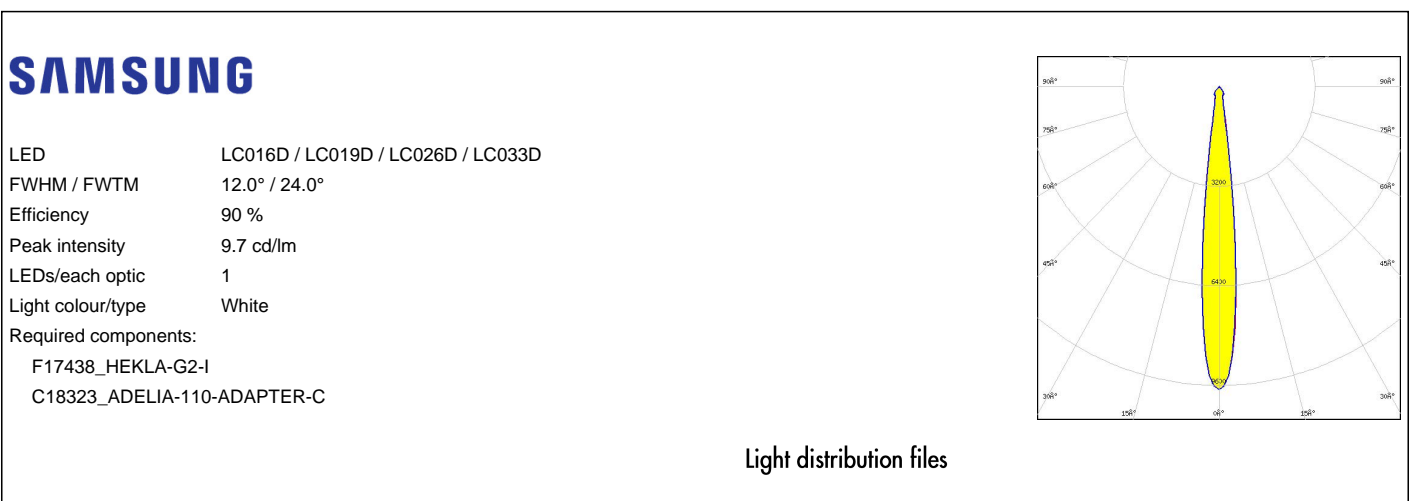
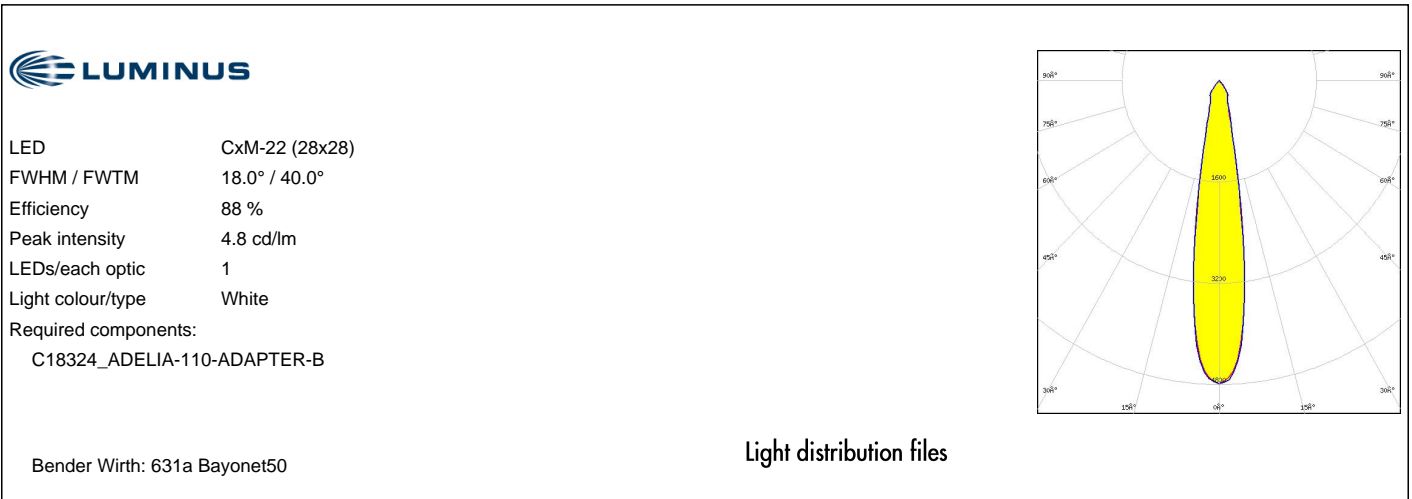
C18324_ADELIA-110-ADAPTER-B

Bender Wirth: 631a Bayonet50



Light distribution files

OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

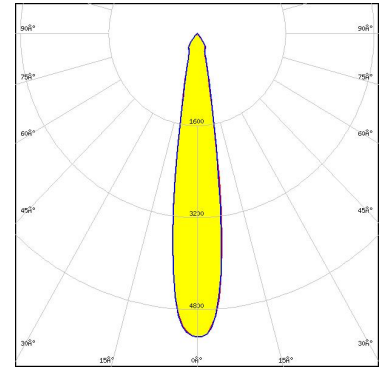
SAMSUNG

LED LC040D / LC060D / LC080D
FWHM / FWTM 18.0° / 38.0°
Efficiency 91 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18324_ADELIA-110-ADAPTER-B

BJB: 47.319.2030



Light distribution files

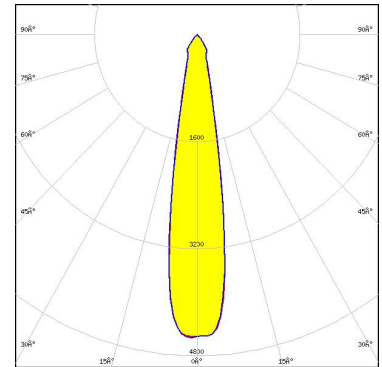


LED MJT COB LES 22
FWHM / FWTM 20.0° / 40.0°
Efficiency 89 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18324_ADELIA-110-ADAPTER-B

Bender Wirth: 631a Bayonet50



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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