

ADELIA-110-S

~15° spot beam

SPECIFICATION:

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

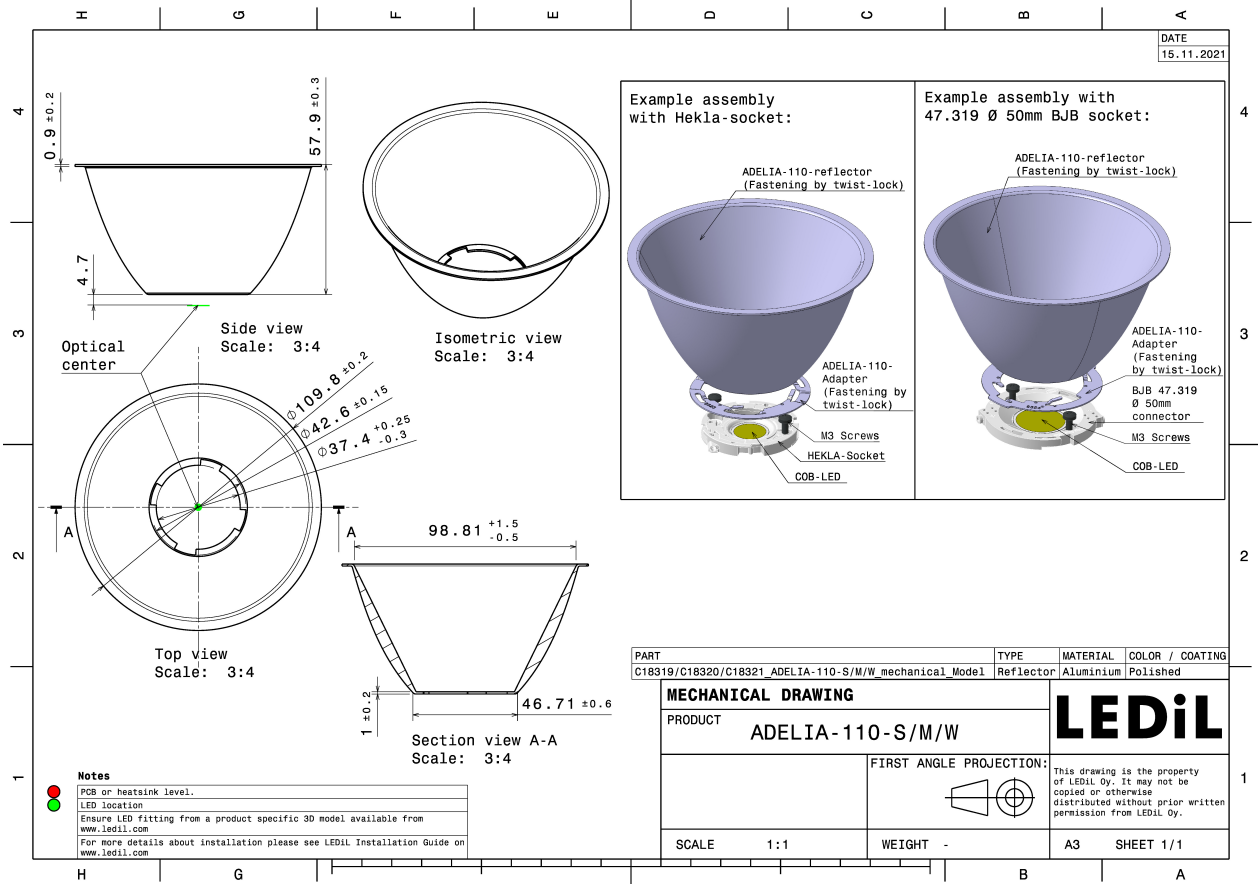
MATERIALS:

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):



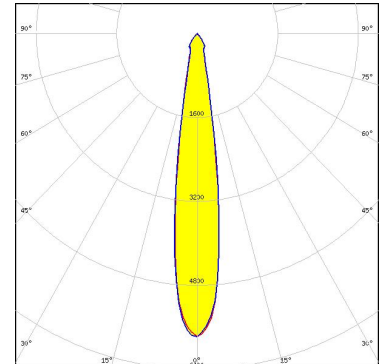
LED V18 Gen 8-9
FWHM / FWTM 14.0° / 28.0°
Efficiency 84 %
Peak intensity 6.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C18323_ADELIA-110-ADAPTER-C

Bender Wirth: 639b Hekla XL



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

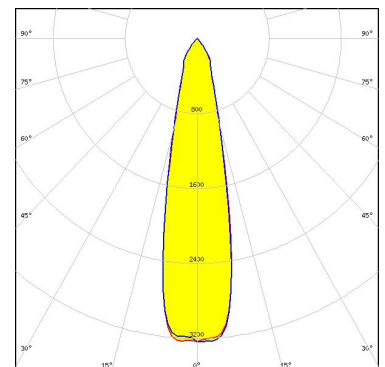
Bender Wirth: 631b Hekla XL



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

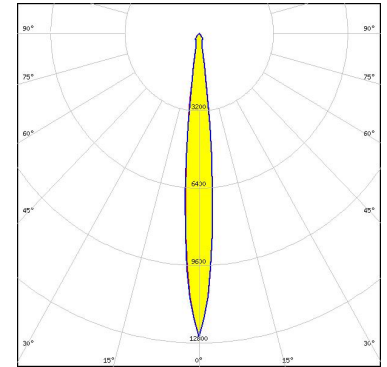
OPTICAL RESULTS (SIMULATED):



LED VERO13
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 88 %
 Peak intensity 12.6 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C18264_HEKLA-SOCKET-VERO18
 C18323_ADELIA-110-ADAPTER-C



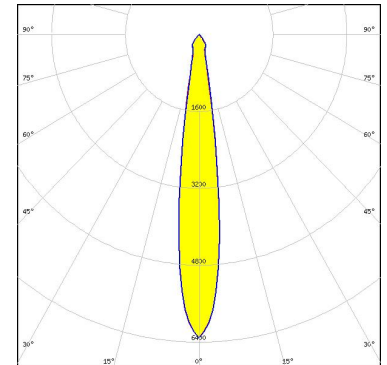
Light distribution files



LED VERO18
 FWHM / FWTM 16.0° / 30.0°
 Efficiency 83 %
 Peak intensity 6.3 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C18264_HEKLA-SOCKET-VERO18
 C18323_ADELIA-110-ADAPTER-C



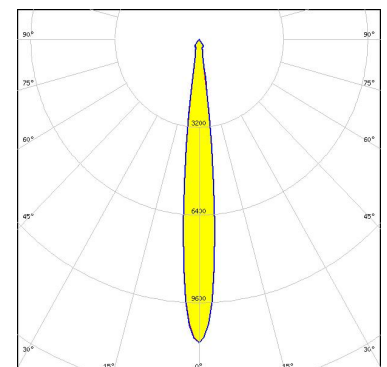
Light distribution files

CITIZEN

LED CLL03x/CLU03x
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 91 %
 Peak intensity 11.1 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):

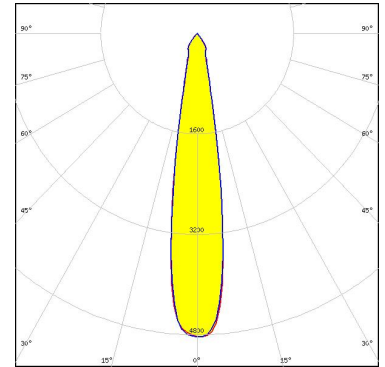
CITIZEN

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

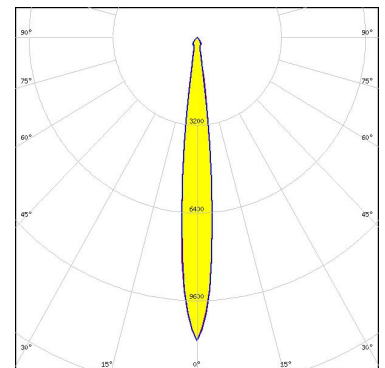


LED CMA1840
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 89 %
 Peak intensity 11.1 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C18324_ADELIA-110-ADAPTER-B

Bender Wirth: 637a Bayonet50



Light distribution files

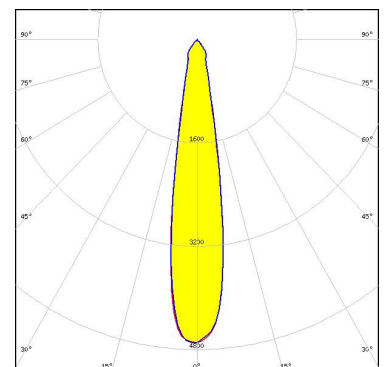


LED CMA3090
 FWHM / FWTM 18.0° / 40.0°
 Efficiency 89 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C18324_ADELIA-110-ADAPTER-B

BJB: 47.319.2151



OPTICAL RESULTS (SIMULATED):

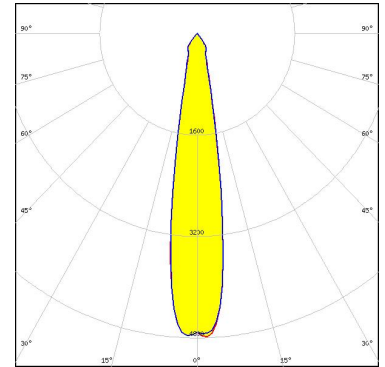


LED CMU22xx
 FWHM / FWTM 18.0° / 39.0°
 Efficiency 89 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C18324_ADELIA-110-ADAPTER-B

Bender Wirth: 631a Bayonet50

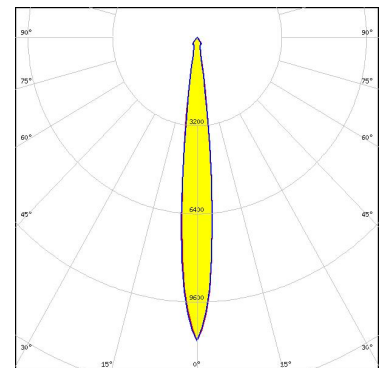


LED LUXEON CoB 1208
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 89 %
 Peak intensity 11 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C18324_ADELIA-110-ADAPTER-B

Bender Wirth: 632a Bayonet50



Light distribution files

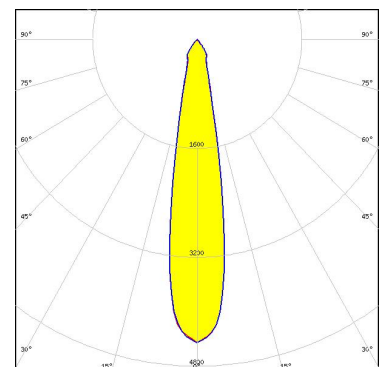


LED LUXEON CoB 1213/1216/1812
 FWHM / FWTM 20.0° / 41.0°
 Efficiency 89 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C18324_ADELIA-110-ADAPTER-B

Bender Wirth: 631a Bayonet50



OPTICAL RESULTS (SIMULATED):

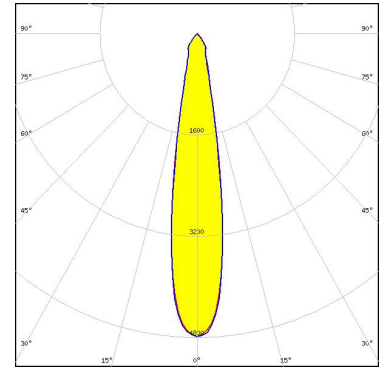


LED CxM-22 (28x28)
FWHM / FWTM 18.0° / 40.0°
Efficiency 88 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18324_ADELIA-110-ADAPTER-B

Bender Wirth: 631a Bayonet50

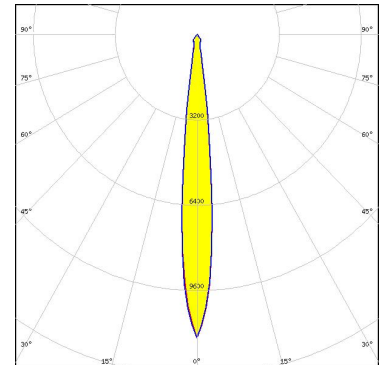


LED COB J-Type
FWHM / FWTM 12.0° / 22.0°
Efficiency 89 %
Peak intensity 11.4 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18324_ADELIA-110-ADAPTER-B

Bender Wirth: 663a Bayonet50



Light distribution files

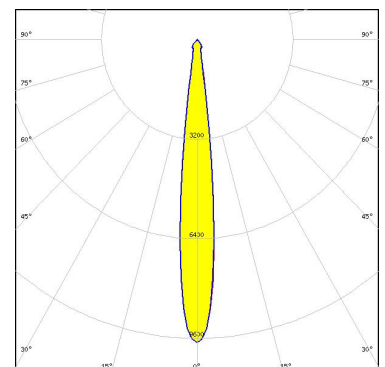


LED LC016D / LC019D / LC026D / LC033D
FWHM / FWTM 12.0° / 24.0°
Efficiency 90 %
Peak intensity 9.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

F17438_HEKLA-G2-I

C18323_ADELIA-110-ADAPTER-C



Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

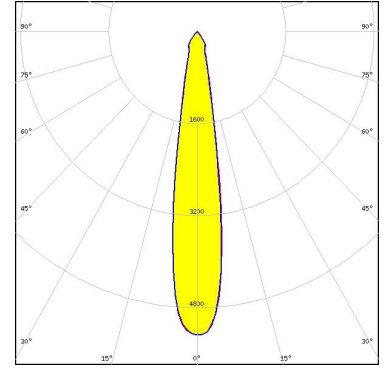
LED LC040D / LC060D / LC080D
FWHM / FWTM 18.0° / 38.0°
Efficiency 91 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18324_ADELIA-110-ADAPTER-B

BJB: 47.319.2030

Light distribution files

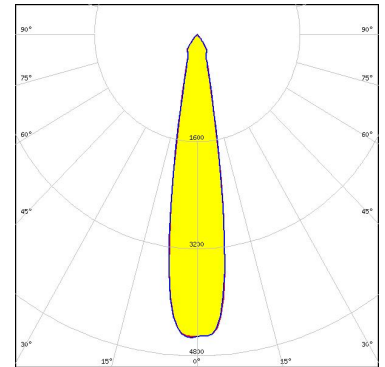


LED MJT COB LES 22
FWHM / FWTM 20.0° / 40.0°
Efficiency 89 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18324_ADELIA-110-ADAPTER-B

Bender Wirth: 631a Bayonet50



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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