

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

OPTICAL RESULTS (SIMULATED):

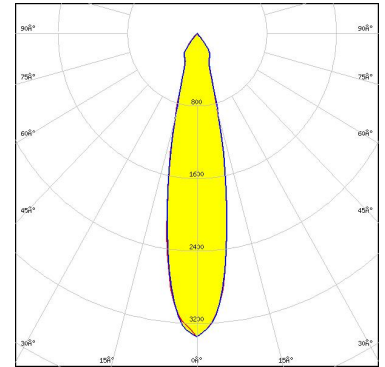


LED V18 Gen 8-9
FWHM / FWTM 22.0° / 48.0°
Efficiency 84 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18323_ADELIA-110-ADAPTER-C

Bender Wirth: 639b Hekla XL



Light distribution files

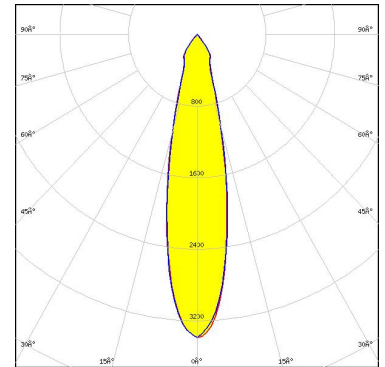


LED V22 Gen 8-9
FWHM / FWTM 24.0° / 52.0°
Efficiency 87 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18323_ADELIA-110-ADAPTER-C

Bender Wirth: 631b Hekla XL

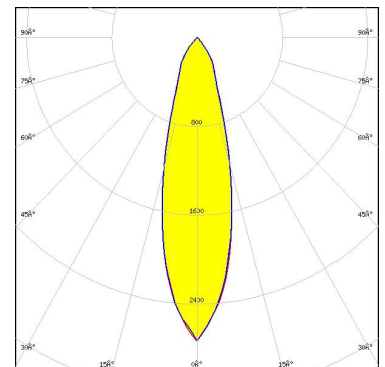


Light distribution files



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:



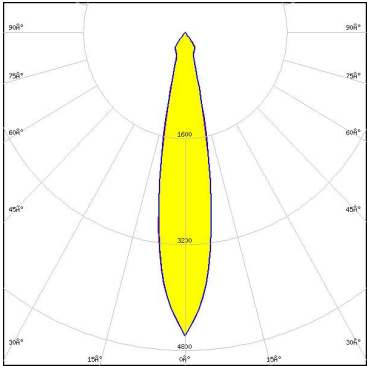
Light distribution files

OPTICAL RESULTS (SIMULATED):

bridgelux

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

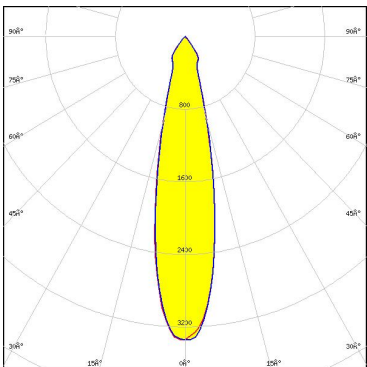


Light distribution files

bridgelux

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



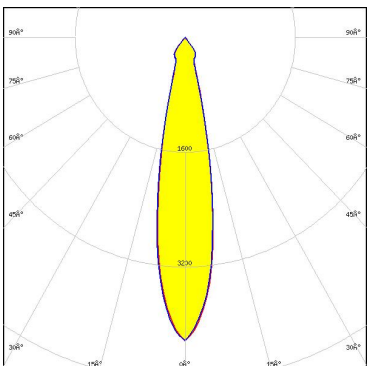
Light distribution files

CREE
LEDS

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

Bender Wirth: 637a Bayonet50



Light distribution files

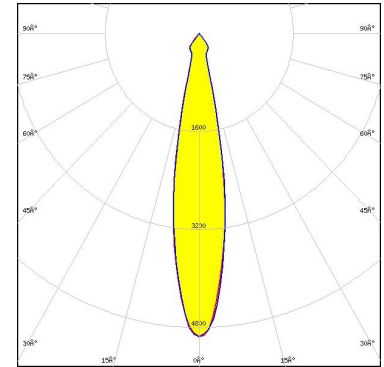
OPTICAL RESULTS (SIMULATED):



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

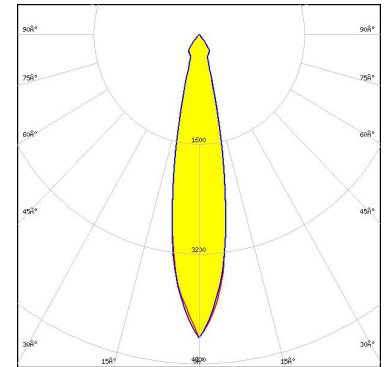


LED CXA/B 1830
FWHM / FWTM 20.0° / 38.0°
Efficiency 89 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18323_ADELIA-110-ADAPTER-C

Bender Wirth: 637b Hekla



Light distribution files

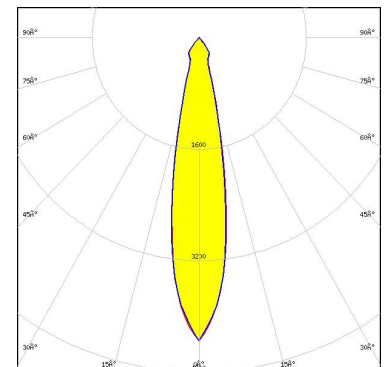


LED LUXEON CoB 1208
FWHM / FWTM 20.0° / 38.0°
Efficiency 89 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

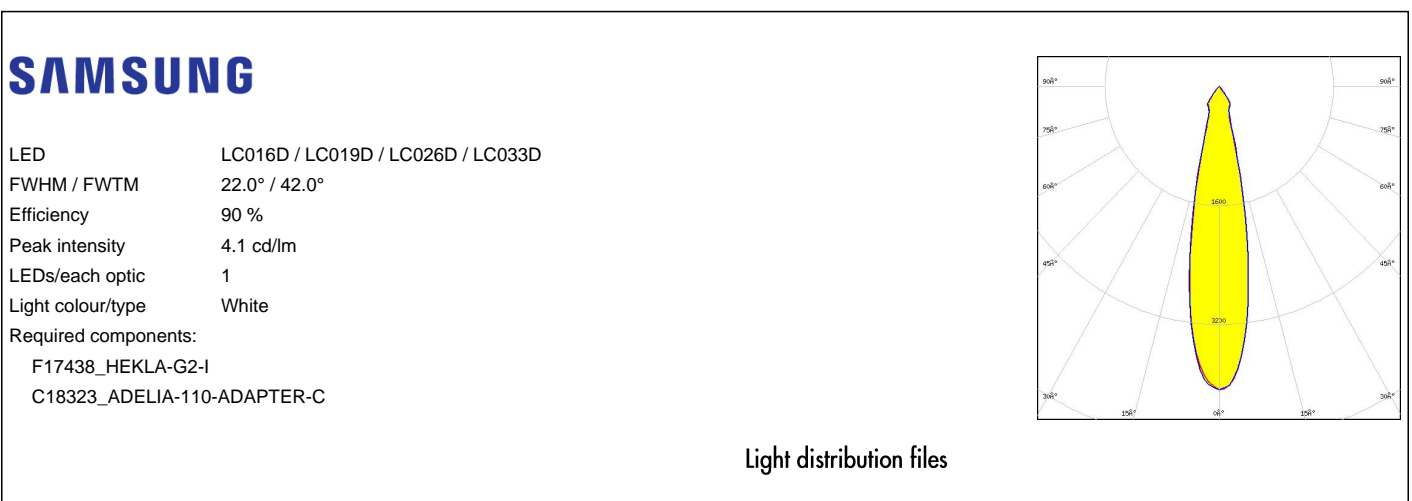
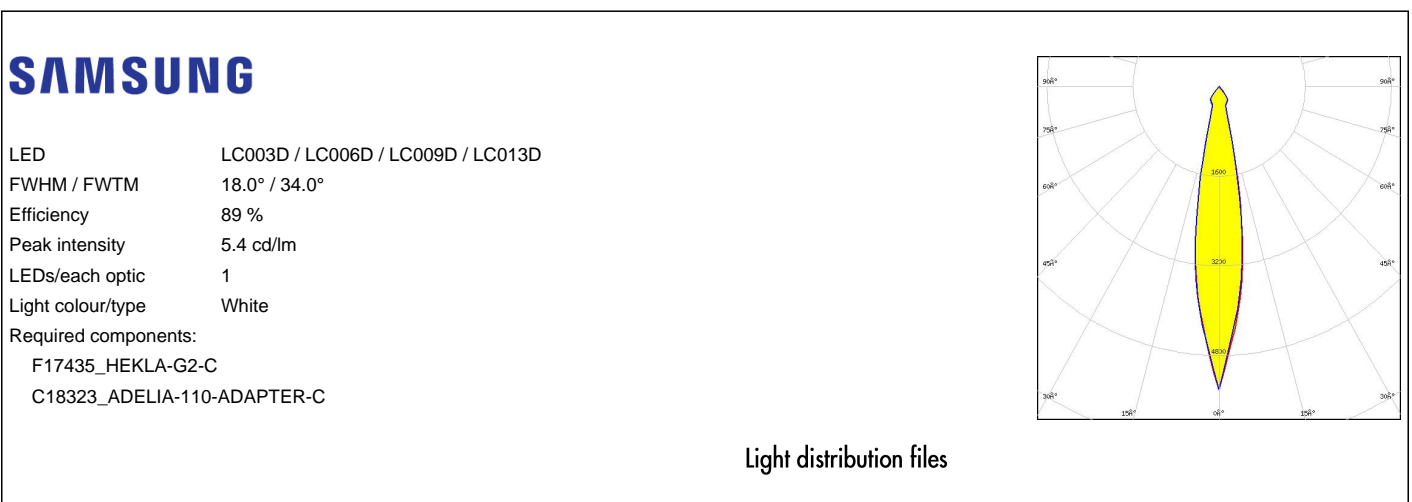
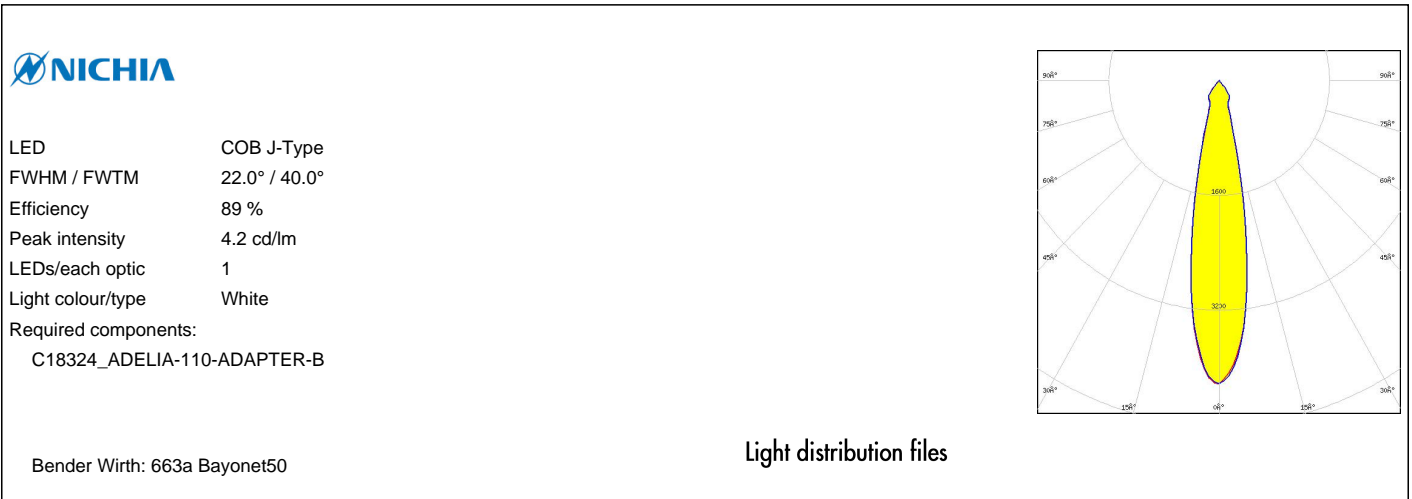
C18324_ADELIA-110-ADAPTER-B

Bender Wirth: 632a Bayonet50



Light distribution files

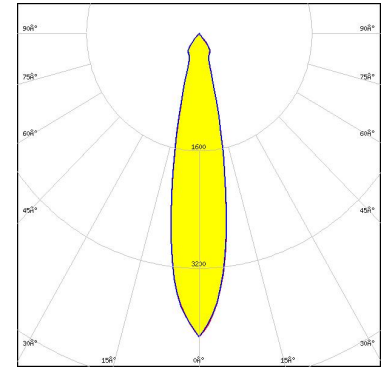
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

SAMSUNG

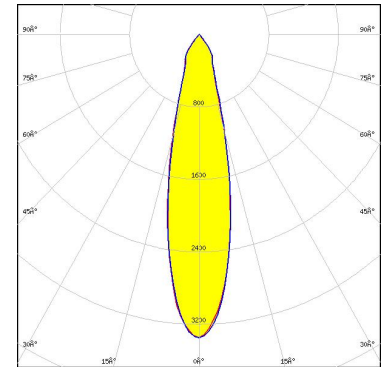
LED LC016D / LC019D / LC026D / LC033D
FWHM / FWTM 21.0° / 40.0°
Efficiency 89 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F17438_HEKLA-G2-I
C18323_ADELIA-110-ADAPTER-C



Light distribution files

SAMSUNG

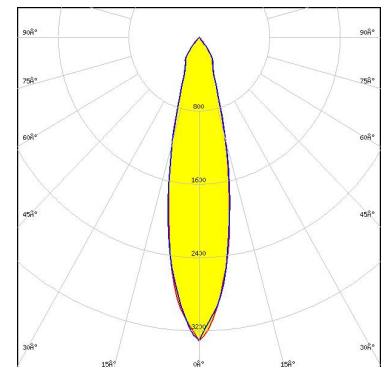
LED LC040D / LC060D / LC080D
FWHM / FWTM 24.0° / 55.0 + 54.0°
Efficiency 91 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C18324_ADELIA-110-ADAPTER-B



Light distribution files



LED MJT COB LES 22
FWHM / FWTM 24.0° / 56.0°
Efficiency 89 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C18324_ADELIA-110-ADAPTER-B



Light distribution files

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.

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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