

ADELIA-50-WW

~55° wide beam

SPECIFICATION:

Dimensions	Ø 49.8
Height	18 mm
Fastening	snaps
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish	Coating
ADELIA-50-WW	Reflector	Aluminium			



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18655_ADELIA-50-WW » Box size: 370 x 300 x 310 mm	1600	80	80	11.2

OPTICAL RESULTS (SIMULATED):

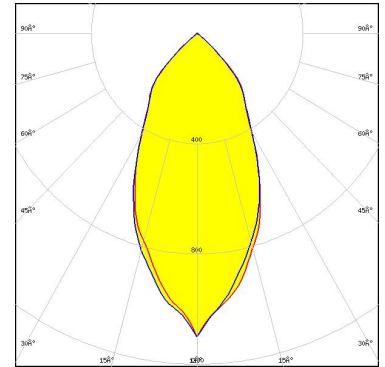


LED V10 Gen 8-9
FWHM / FWTM 50.0° / 95.0°
Efficiency 91 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18431_ADELIA-ADAPTER-B

BJB: 47.360.1020



Light distribution files

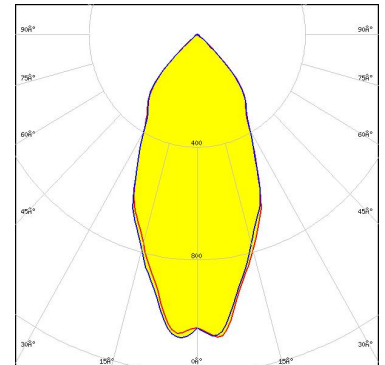


LED V10 Gen 8-9
FWHM / FWTM 50.0° / 94.0°
Efficiency 89 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18432_ADELIA-ADAPTER-C

Bender Wirth: 634b Hekla



Light distribution files



LED V18 Gen 8-9
FWHM / FWTM 65.0° / 100.0°
Efficiency 82 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18432_ADELIA-ADAPTER-C

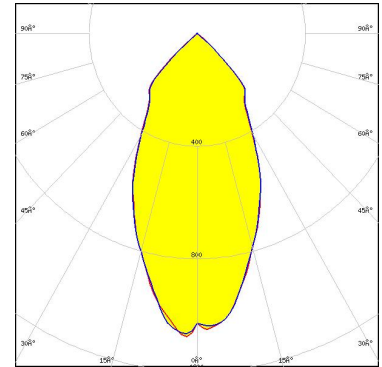
Bender Wirth: 639b Hekla XL

Light distribution files

OPTICAL RESULTS (SIMULATED):

CITIZEN

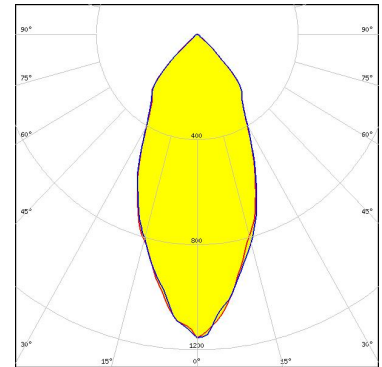
LED CLU700/701/702/703
 FWHM / FWTM 52.0° / 96.0°
 Efficiency 91 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C
 C18432_ADELIA-ADAPTER-C



Light distribution files



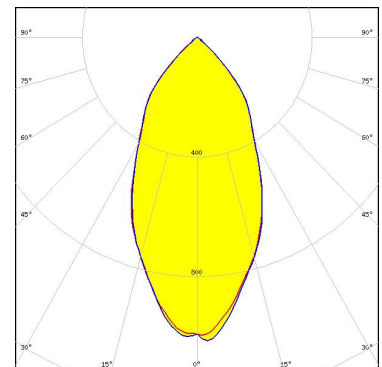
LED CMB15xx
 FWHM / FWTM 47.0 + 48.0° / 94.0°
 Efficiency 91 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17436_HEKLA-G2-D
 C18432_ADELIA-ADAPTER-C



Light distribution files



LED CMB1818-25
 FWHM / FWTM 52.0° / 94.0°
 Efficiency 88 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C18432_ADELIA-ADAPTER-C



Light distribution files

Bender Wirth: 637a Hekla

OPTICAL RESULTS (SIMULATED):

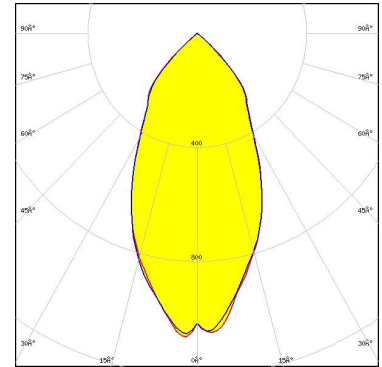


LED CMU10xx
FWHM / FWTM 52.0° / 96.0°
Efficiency 91 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18431_ADELIA-ADAPTER-B

BJB: 47.360.1020



Light distribution files

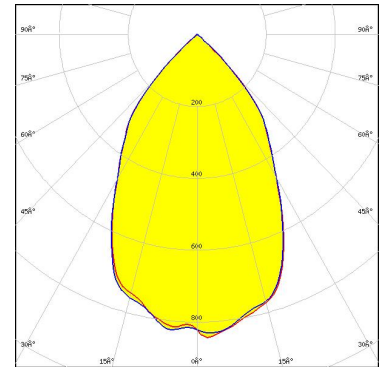


LED LUXEON CoB 1202/1203
FWHM / FWTM 64.0° / 96.0°
Efficiency 92 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

F17437_HEKLA-G2-H

C18432_ADELIA-ADAPTER-C



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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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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