

ADELIA-50-M

~24° medium beam

SPECIFICATION:

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

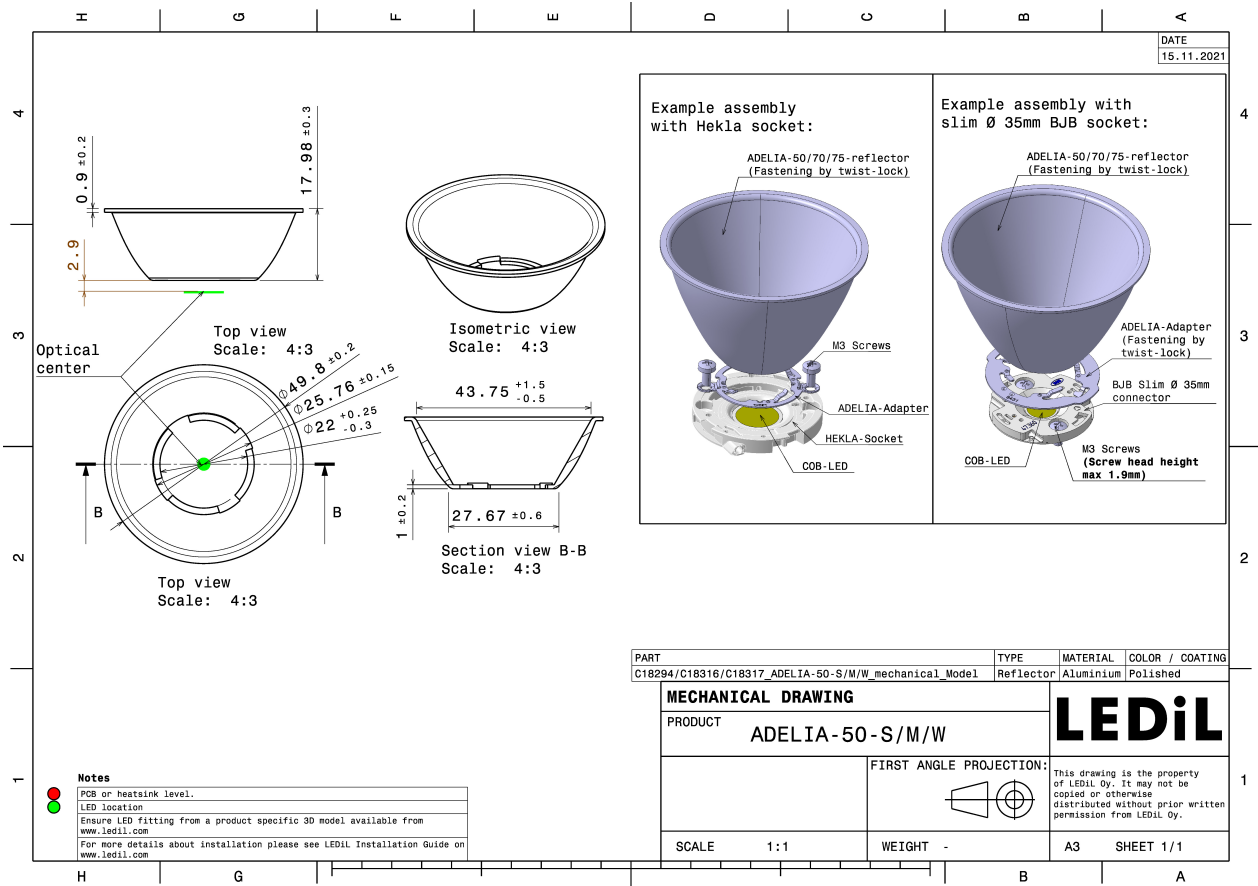
MATERIALS:

Component	Type	Material	Colour	Finish	Coating
ADELIA-50-M	Reflector	Aluminium	metal	gloss	Anodized



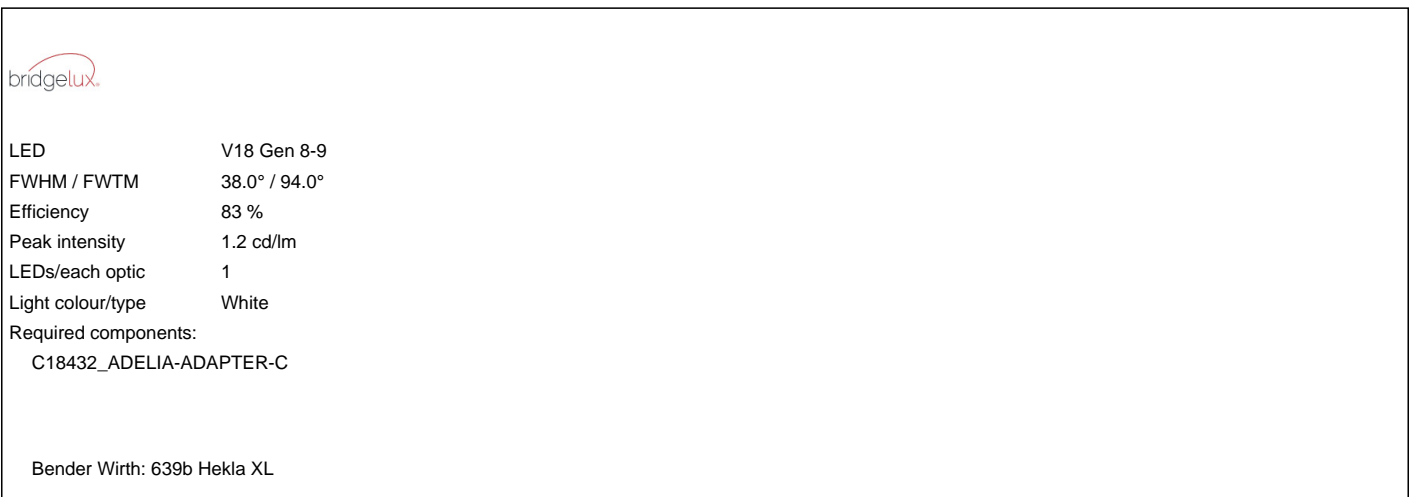
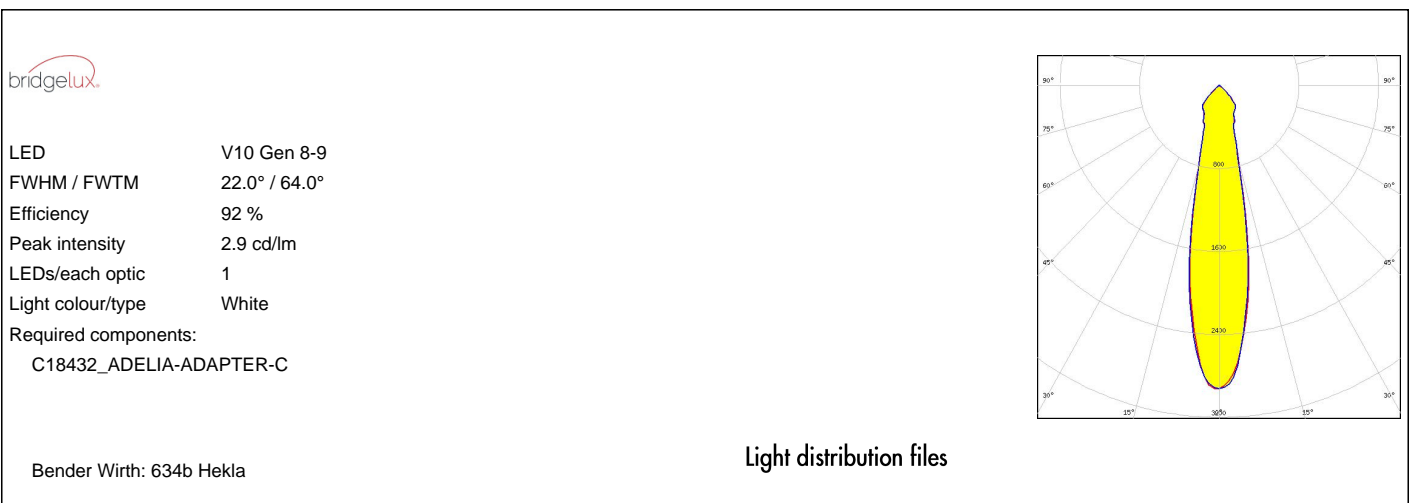
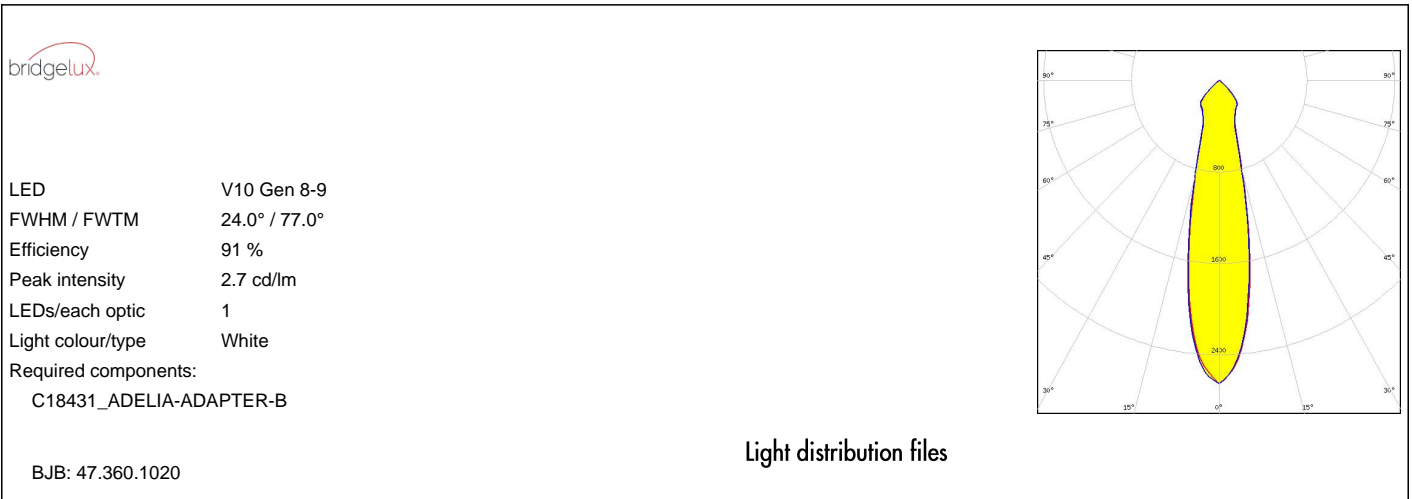
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18316_ADELIA-50-M » Box size: 370 x 300 x 310 mm	2000	100	100	12.2



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

OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):



LED V22 Gen 8-9
 FWHM / FWTM 40.0° / 95.0°
 Efficiency 79 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C18432_ADELIA-ADAPTER-C

Bender Wirth: 631b Hekla XL

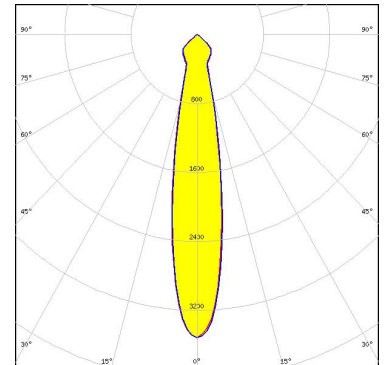


LED V6 HD Gen 7
 FWHM / FWTM 19.1° / 42.2 + 43.2°
 Efficiency 95 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

F17435_HEKLA-G2-C

C18432_ADELIA-ADAPTER-C



Light distribution files

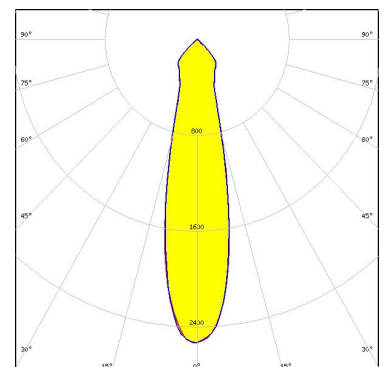
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM / FWTM 24.0° / 80.0°
 Efficiency 92 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

F17435_HEKLA-G2-C

C18432_ADELIA-ADAPTER-C

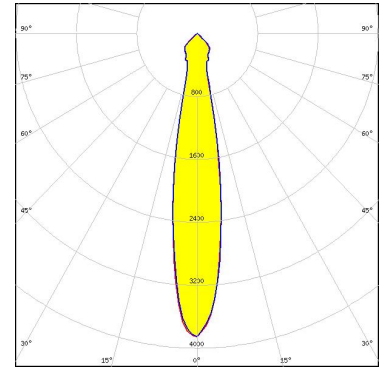


Light distribution files

OPTICAL RESULTS (SIMULATED):

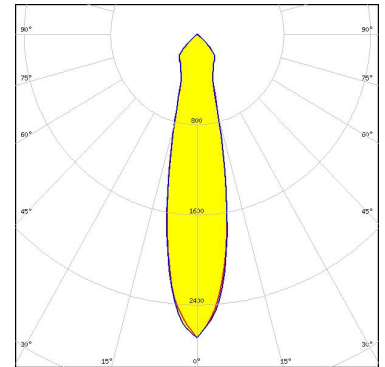
CITIZEN

LED CLU700/701/702/703
FWHM / FWTM 18.0° / 39.0°
Efficiency 91 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F17435_HEKLA-G2-C
C18432_ADELIA-ADAPTER-C



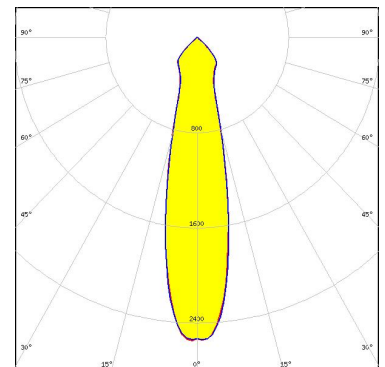
CREE LEDs

LED CMB15xx
FWHM / FWTM 22.0° / 75.0°
Efficiency 90 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F17436_HEKLA-G2-D
C18432_ADELIA-ADAPTER-C



CREE LEDs

LED CMU10xx
FWHM / FWTM 24.0° / 81.0°
Efficiency 91 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C18431_ADELIA-ADAPTER-B



Light distribution files

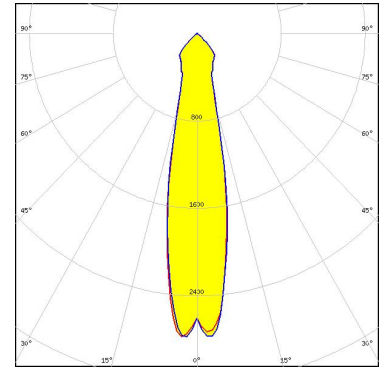
OPTICAL RESULTS (SIMULATED):



LED CXA/B 15xx
FWHM / FWTM 22.0° / 71.0°
Efficiency 90 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

F17436_HEKLA-G2-D
C18432_ADELIA-ADAPTER-C



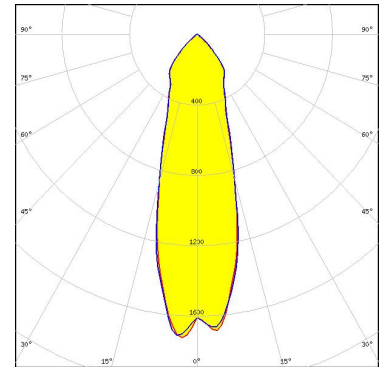
Light distribution files



LED CXA/B 1830
FWHM / FWTM 30.0° / 88.0°
Efficiency 88 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C18432_ADELIA-ADAPTER-C



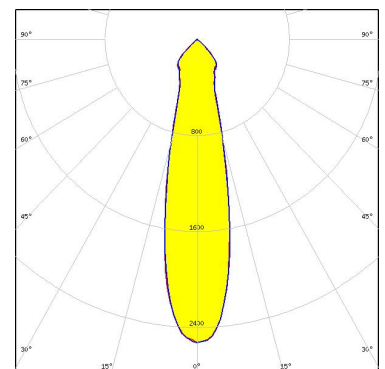
Light distribution files



LED LC003D / LC006D / LC009D / LC013D
FWHM / FWTM 24.1° / 81.5 + 80.4°
Efficiency 92 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

F17435_HEKLA-G2-C
C18432_ADELIA-ADAPTER-C

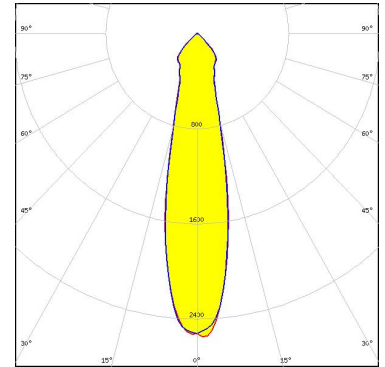


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

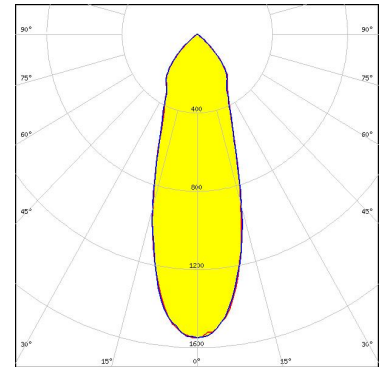
LED LC003D / LC006D / LC009D / LC013D
FWHM / FWTM 24.0° / 80.0°
Efficiency 91 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F17435_HEKLA-G2-C
C18432_ADELIA-ADAPTER-C



Light distribution files

SAMSUNG

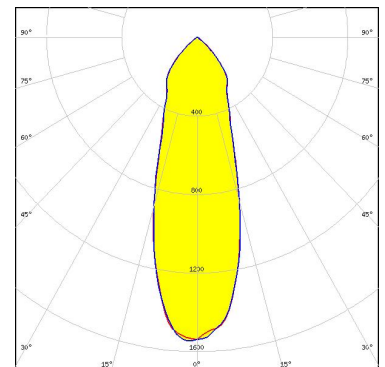
LED LC016D / LC019D / LC026D / LC033D
FWHM / FWTM 34.2° / 90.5°
Efficiency 90 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F17438_HEKLA-G2-I
C18432_ADELIA-ADAPTER-C



Light distribution files

SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
FWHM / FWTM 33.0° / 90.0°
Efficiency 88 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F17438_HEKLA-G2-I
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.

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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