

ADELIA-70-S

~15° spot beam

SPECIFICATION:

Dimensions	Ø 69.7
Height	42.8 mm
Fastening	snaps
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish	Coating
ADELIA-70-S	Reflector	Aluminium	metal	gloss	Anodized



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18423_ADELIA-70-S » Box size: 400 x 300 x 300 mm	840	70	70	15.5

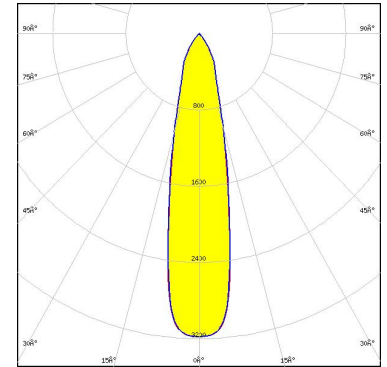
OPTICAL RESULTS (MEASURED):

bridgelux

LED V18 Gen 8-9
FWHM / FWTM 23.0° / 59.0°
Efficiency 84 %
Peak intensity 3.2 cd/m
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):

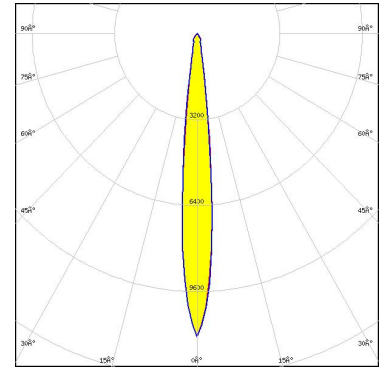


LED V10 Gen 8-9
 FWHM / FWTM 12.0° / 23.0°
 Efficiency 88 %
 Peak intensity 11.3 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C18431_ADELIA-ADAPTER-B

BJB: 47.360.1020



Light distribution files

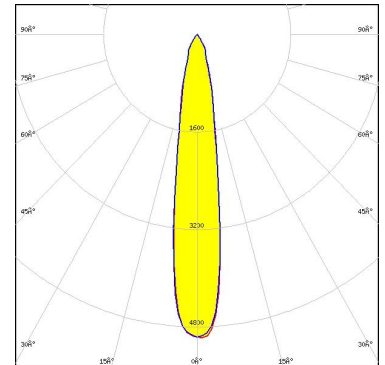


LED V13 Gen 8-9
 FWHM / FWTM 18.0° / 41.0°
 Efficiency 84 %
 Peak intensity 5 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C18432_ADELIA-ADAPTER-C

Bender Wirth: 633c Hekla



Light distribution files

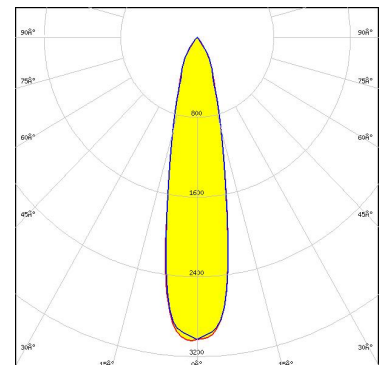


LED V18 Gen 8-9
 FWHM / FWTM 22.0° / 56.0°
 Efficiency 79 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:


C18432_ADELIA-ADAPTER-C

Bender Wirth: 639b Hekla XL



Light distribution files

OPTICAL RESULTS (SIMULATED):




LED	V22 Gen 8-9
FWHM / FWTM	24.0° / 58.0°
Efficiency	76 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C18432_ADELIA-ADAPTER-C

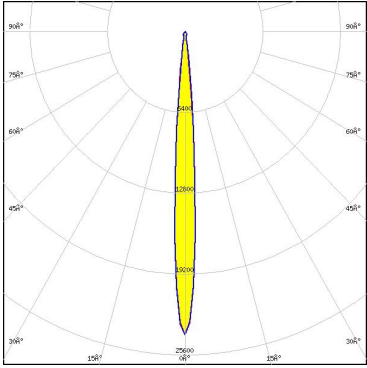
Bender Wirth: 631b Hekla XL

Light distribution files




LED	V6 HD Gen 7
FWHM / FWTM	8.0° / 16.1°
Efficiency	93 %
Peak intensity	24 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
F15253_HEKLA-SOCKET-A
C18432_ADELIA-ADAPTER-C

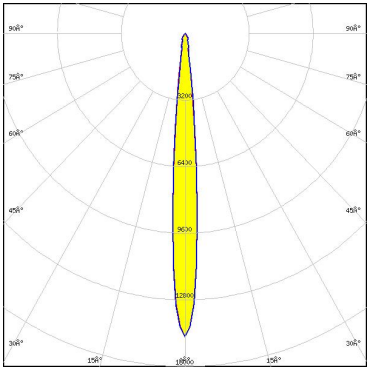


Light distribution files



LED	V9 HD Gen 8
FWHM / FWTM	10.0° / 20.0°
Efficiency	87 %
Peak intensity	14.6 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C18432_ADELIA-ADAPTER-C



Light distribution files

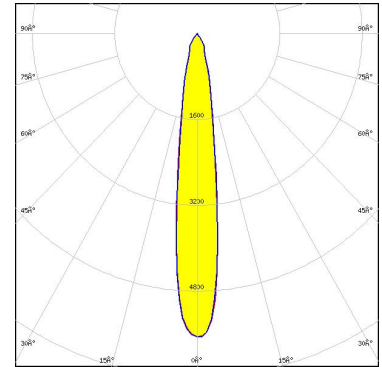
OPTICAL RESULTS (SIMULATED):



LED VERO13
 FWHM / FWTM 16.0° / 38.0°
 Efficiency 84 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C18264_HEKLA-SOCKET-VERO18
 C18432_ADELIA-ADAPTER-C



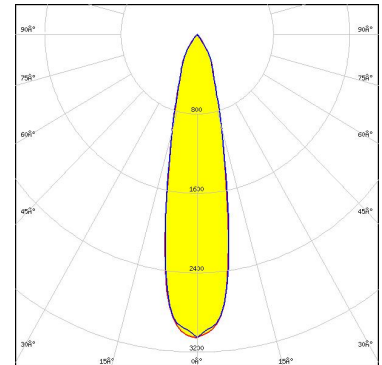
Light distribution files



LED VERO18
 FWHM / FWTM 24.0° / 58.0°
 Efficiency 81 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C18264_HEKLA-SOCKET-VERO18
 C18432_ADELIA-ADAPTER-C



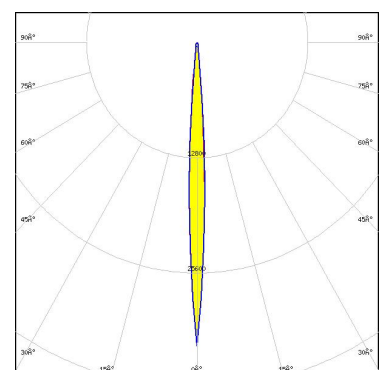
Light distribution files



LED CHA0410
 FWHM / FWTM 6.0° / 14.0°
 Efficiency 88 %
 Peak intensity 33.7 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

F17435_HEKLA-G2-C
 C18432_ADELIA-ADAPTER-C



Light distribution files

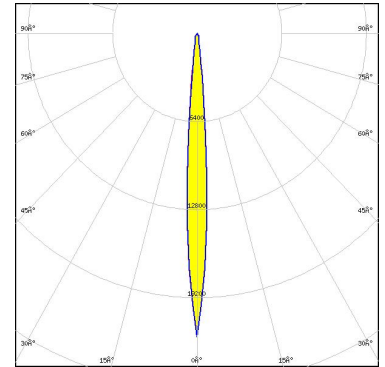
OPTICAL RESULTS (SIMULATED):



LED: CHA0612
 FWHM / FWTM: 8.0° / 16.0°
 Efficiency: 88 %
 Peak intensity: 22.1 cd/lm
 LEDs/each optic: 1
 Light colour/type: White

Required components:

F17435_HEKLA-G2-C
 C18432_ADELIA-ADAPTER-C



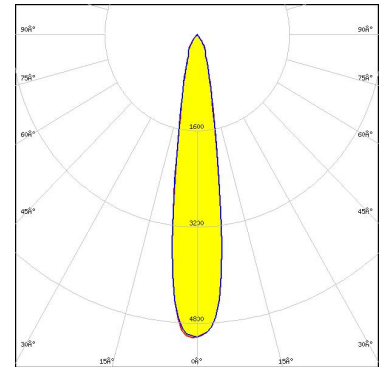
Light distribution files



LED: CMA1840
 FWHM / FWTM: 18.0° / 40.0°
 Efficiency: 86 %
 Peak intensity: 5 cd/lm
 LEDs/each optic: 1
 Light colour/type: White

Required components:

C18432_ADELIA-ADAPTER-C



Light distribution files

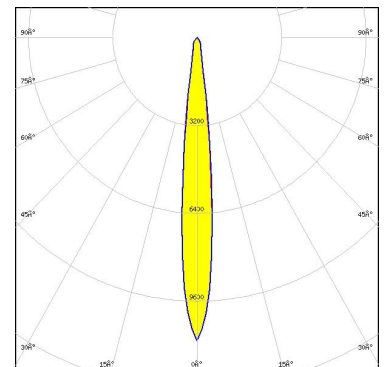
Bender Wirth: 637a Hekla



LED: CMU10xx
 FWHM / FWTM: 12.0° / 24.0°
 Efficiency: 88 %
 Peak intensity: 11 cd/lm
 LEDs/each optic: 1
 Light colour/type: White

Required components:

C18431_ADELIA-ADAPTER-B



Light distribution files

BJB: 47.360.1020

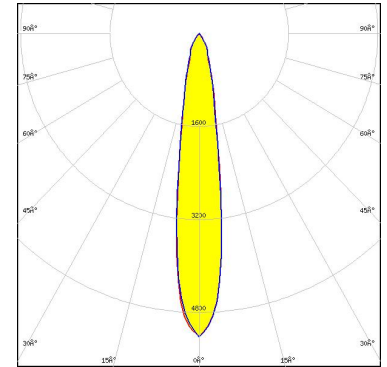
OPTICAL RESULTS (SIMULATED):



LED CMU15xx
FWHM / FWTM 16.0° / 40.0°
Efficiency 86 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

F17438_HEKLA-G2-I
C18432_ADELIA-ADAPTER-C



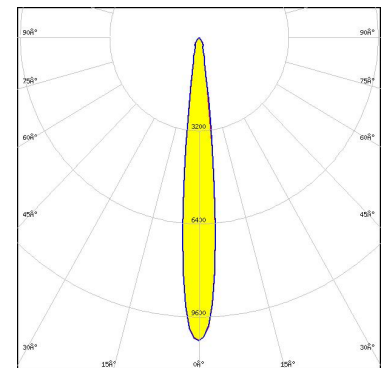
Light distribution files

SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
FWHM / FWTM 12.1° / 24.1°
Efficiency 90 %
Peak intensity 10.4 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

F17435_HEKLA-G2-C
C18432_ADELIA-ADAPTER-C



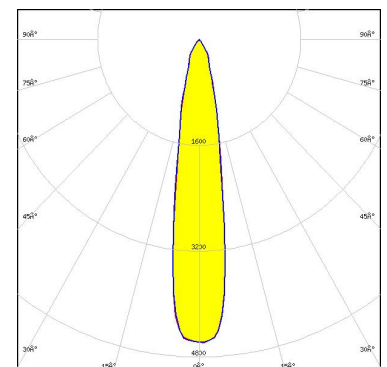
Light distribution files

SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
FWHM / FWTM 18.1° / 43.2 + 44.2°
Efficiency 88 %
Peak intensity 4.6 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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