ADELIA-70-W

~36° wide beam



SPECIFICATION:

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

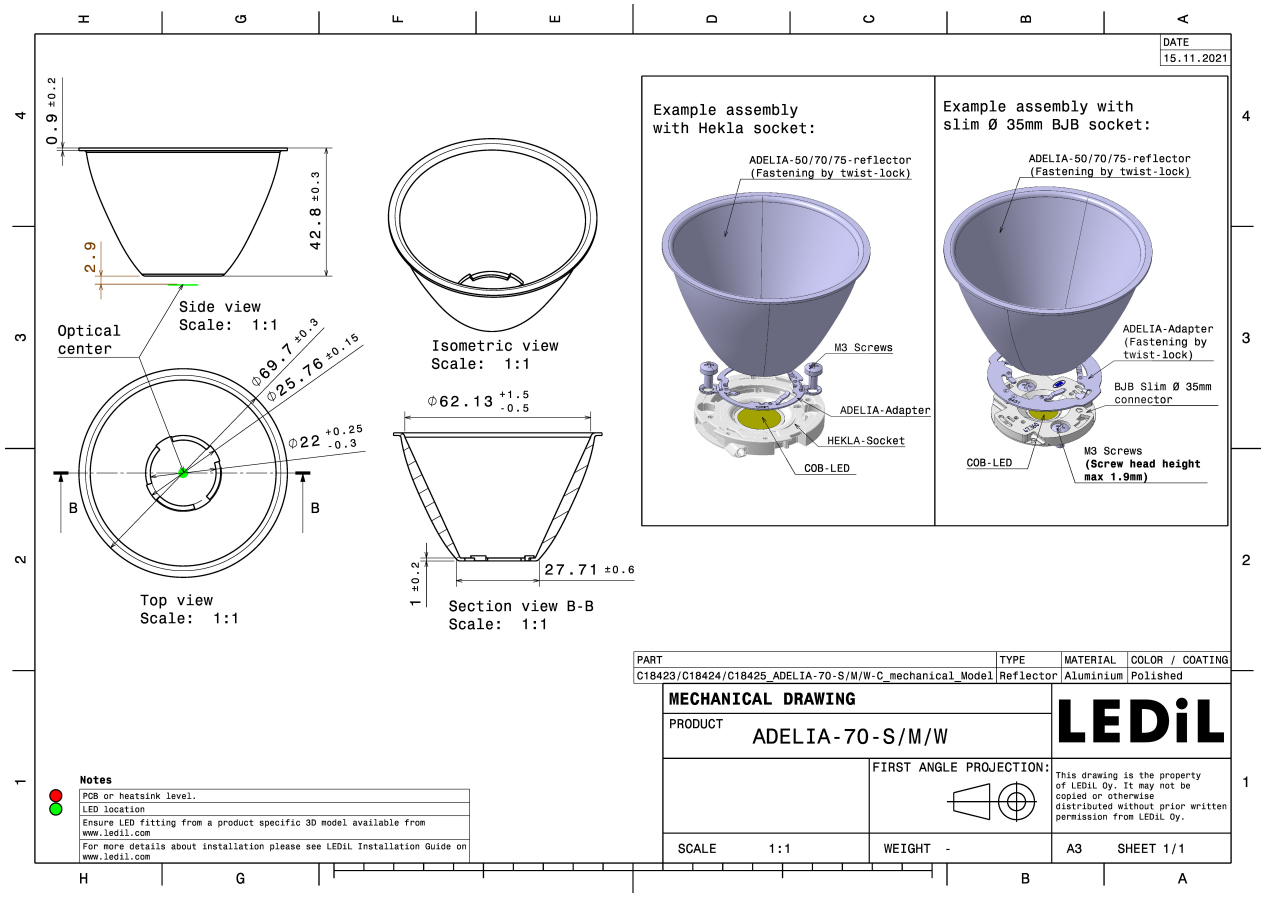
MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18425_ADELIA-70-W » Box size: 400 x 300 x 300 mm	840	70	70	13.3

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

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OPTICAL RESULTS (MEASURED):

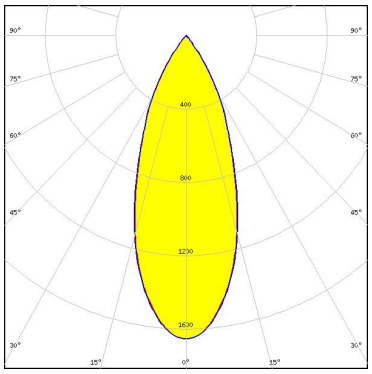
bridgelux

LED	V18 Gen 8-9
FWHM / FWTM	40.0° / 71.0°
Efficiency	83 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:

C18432_ADELIA-ADAPTER-C

Bender Wirth: 639b Hekla XL



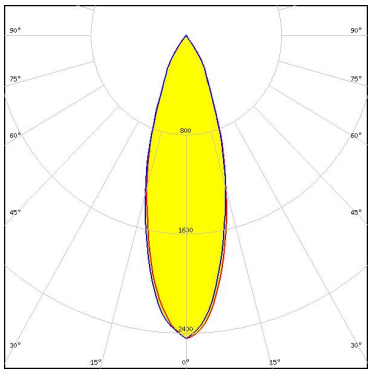
Light distribution files

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OPTICAL RESULTS (SIMULATED):

bridgelux

LED	V10 Gen 8-9
FWHM / FWTM	32.0° / 65.0°
Efficiency	87 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C18431_ADELIA-ADAPTER-B	

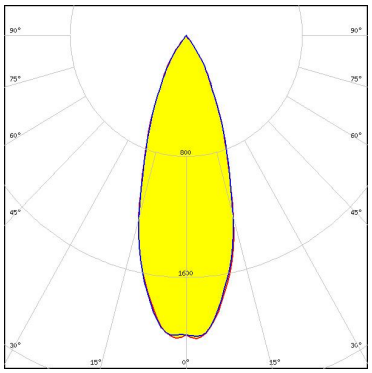


BJB: 47.360.1020

Light distribution files

bridgelux

LED	V13 Gen 8-9
FWHM / FWTM	36.0° / 66.0°
Efficiency	84 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C18432_ADELIA-ADAPTER-C	

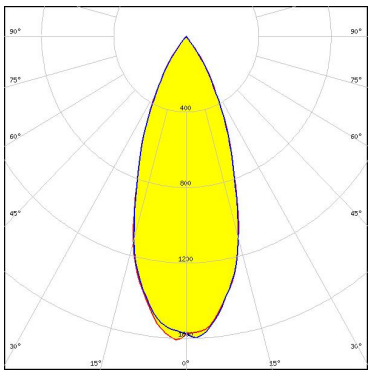


Bender Wirth: 633c Hekla

Light distribution files

bridgelux

LED	V18 Gen 8-9
FWHM / FWTM	40.0° / 70.0°
Efficiency	78 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C18432_ADELIA-ADAPTER-C	



Bender Wirth: 639b Hekla XL

Light distribution files

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OPTICAL RESULTS (SIMULATED):

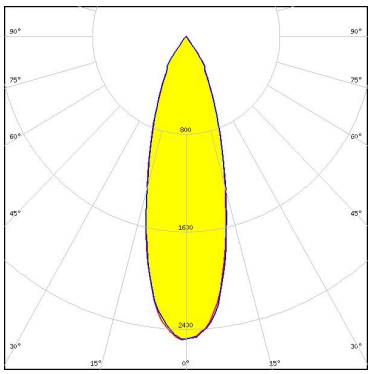
bridgelux

LED	V22 Gen 8-9
FWHM / FWTM	40.0° / 70.0°
Efficiency	75 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C18432_ADELIA-ADAPTER-C	

Bender Wirth: 631b Hekla XL

bridgelux

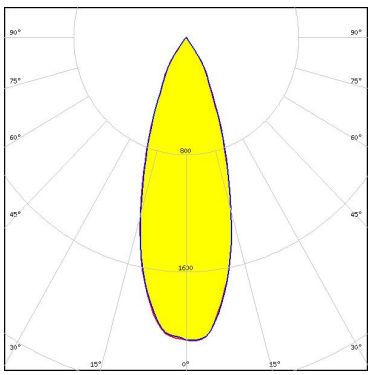
LED	V6 HD Gen 7
FWHM / FWTM	30.2 + 31.2° / 68.4°
Efficiency	93 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15253_HEKLA-SOCKET-A	
C18432_ADELIA-ADAPTER-C	



Light distribution files

bridgelux

LED	VERO13
FWHM / FWTM	34.0° / 66.0°
Efficiency	83 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C18264_HEKLA-SOCKET-VERO18	
C18432_ADELIA-ADAPTER-C	



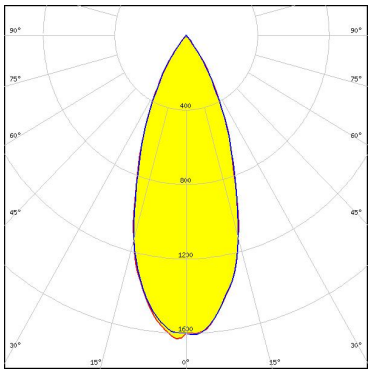
Light distribution files

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OPTICAL RESULTS (SIMULATED):

bridgelux

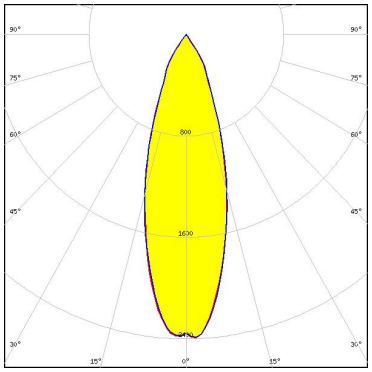
LED	VERO18
FWHM / FWTM	40.0° / 70.0°
Efficiency	80 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C18264_HEKLA-SOCKET-VERO18	
C18432_ADELIA-ADAPTER-C	



Light distribution files

CREE LEDs

LED	CMU10xx
FWHM / FWTM	32.0° / 66.0°
Efficiency	87 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C18431_ADELIA-ADAPTER-B	

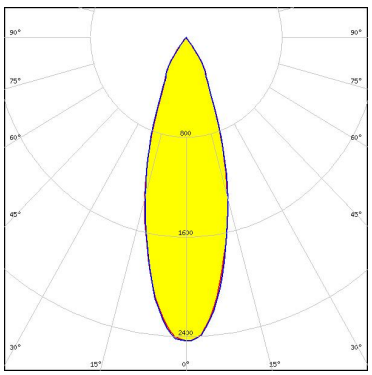


BJB: 47.360.1020

Light distribution files

SAMSUNG

LED	LC003D / LC006D / LC009D / LC013D
FWHM / FWTM	32.2° / 66.4°
Efficiency	90 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	
C18432_ADELIA-ADAPTER-C	



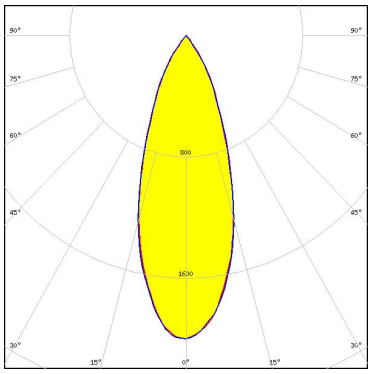
Light distribution files

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OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
FWHM / FWTM	36.2° / 68.4°
Efficiency	87 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F17438_HEKLA-G2-I	
C18432_ADELIA-ADAPTER-C	



Light distribution files

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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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