

ADELIA-70-S

~15° spot beam

SPECIFICATION:

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



PRODUCT DATASHEET

C18423_ADELIA-70-S

MATERIALS:

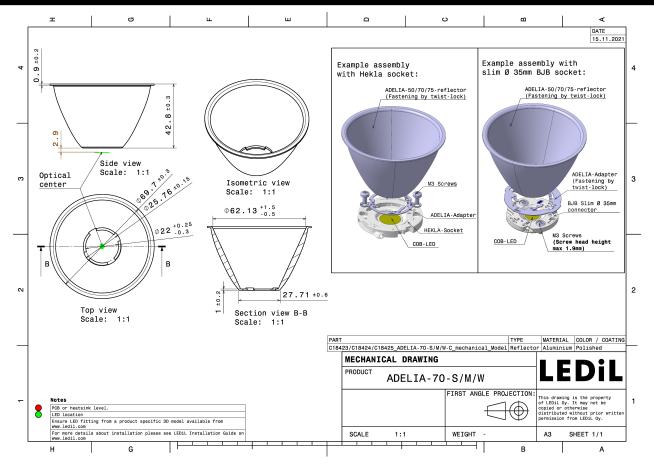
Component	Туре	Material	Colour	Finish	Coating
ADELIA-70-S	Reflector	Aluminium	metal	gloss	Anodized

ORDERING INFORMATION:

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



PRODUCT DATASHEET C18423_ADELIA-70-S

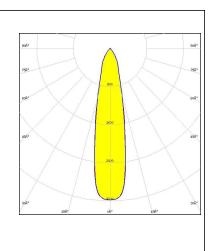


See also our general installation guide: www.ledil.com/installation_guide



OPTICAL RESULTS (MEASURED):

bridgelux.	
LED	V18 Gen 8-9
FWHM / FWTM	23.0° / 59.0°
Efficiency	84 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required compone	nts:
C18432_ADELIA	A-ADAPTER-C
Bender Wirth: 63	9b Hekla XL



Light distribution files



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: C18431_ADELIA-AE BJB: 47.360.1020	V10 Gen 8-9 12.0° / 23.0° 88 % 11.3 cd/lm 1 White DAPTER-B	Light	t distribution files
bridgelux. LED	V13 Gen 8-9		900* 756* 756*
FWHM / FWTM Efficiency	18.0° / 41.0° 84 %		598+
Peak intensity	5 cd/lm		
LEDs/each optic	1		95 ¹ * 959*
Light colour/type	White		
Required components:			\times \wedge \times
C18432_ADELIA-AD	DAPTER-C		36 ⁴ *
Bender Wirth: 633c H	Hekla	Light	t distribution files
bridgelux.			904*
LED	V18 Gen 8-9		
FWHM / FWTM	22.0° / 56.0°		ostr
Efficiency Peak intensity	79 % 3.1 cd/lm		100
LEDs/each optic	3.1 cd/im 1		990
Light colour/type	White		
Required components: C18432_ADELIA-AD	DAPTER-C		34 ⁴ <u>355</u> 34 ⁶
Bender Wirth: 639b I	Hekla XL	Light	t distribution files



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components F15253_HEKLA-SC C18432_ADELIA-A	DCKET-A	Light distribution files
		-
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components C18432_ADELIA-A		
Bender Wirth: 633d	Hekla	Light distribution files
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	VERO13 16.0° / 38.0° 84 % 5.7 cd/lm 1 White	
Required components C18264_HEKLA-S0	:	600
		\$6C
C18432_ADELIA-A		1284 - 64° 1281



bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components C18264_HEKLA-S C18432_ADELIA-A	OCKET-VERO18	
		Light distribution files
LED	CHA0410	20
FWHM / FWTM	6.0° / 14.0°	cite
Efficiency	88 %	
Peak intensity	33.7 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Required components	:	
F17435_HEKLA-G	2-C	
C18432_ADELIA-A	DAPTER-C	3%*
		Light distribution files
		sike A
		24
LED	CHA0612	
FWHM / FWTM	8.0° / 16.0°	94
Efficiency	88 %	
Peak intensity LEDs/each optic	22.1 cd/lm 1	93 ¹
LEDs/each optic Light colour/type	1 White	
Required components		
F17435_HEKLA-G		
		ander zahr oder veder
C18432_ADELIA-A		



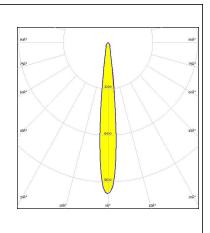
		988°
LED FWHM / FWTM Efficiency	CMA1840 18.0° / 40.0° 86 %	2%? 64* 200
Peak intensity	5 cd/lm	
LEDs/each optic	1	5 %
Light colour/type	' White	
Required component		
C18432_ADELIA-		3874
Dondor Witthe C27		Light distribution files
Bender Wirth: 637	анекіа	`
CREE ≑		
LEDS		24
LED	CMU10xx	
FWHM / FWTM	12.0° / 24.0°	598*
Efficiency	88 %	
Peak intensity	11 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Required component		
C18431_ADELIA-	ADAPTER-B	viet viet viet
BJB: 47.360.1020		Light distribution files
		94*
LED	CMU15xx	XXX
FWHM / FWTM	16.0° / 40.0°	sk
Efficiency	86 %	
Peak intensity	5.2 cd/lm	
LEDs/each optic	1	str
Light colour/type	White	
Required component		
F17438_HEKLA-0		600
C18432_ADELIA-	ADAPTER-C	vite: vite: vite:



SAMSUNG

LED	LC003D /			
FWHM / FWTM	12.1°/24			
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				

LC003D / LC006D / LC009D / LC013D 12.1° / 24.1° 90 % 10.4 cd/lm 1 White



Light distribution files

SAMSUNG LC016D / LC019D / LC026D / LC033D I FD FWHM / FWTM 18.1° / 43.2 + 44.2° Efficiency 88 % 4.6 cd/lm Peak intensity LEDs/each optic 1 Light colour/type White Required components: F17438_HEKLA-G2-I C18432_ADELIA-ADAPTER-C Light distribution files

Last update: 20/02/2025Subject to change without prior noticePublished: 23/06/2022LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.8/9



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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