

ADELIA-110-S

~15° spot beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 109.8 mm
Height	57.9 mm
Fastening	snaps
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component ADELIA-110-S

Type Reflector

Material AL1099

Colour	Finish	Coating
metal	gloss	Anodized

ORDERING INFORMATION:

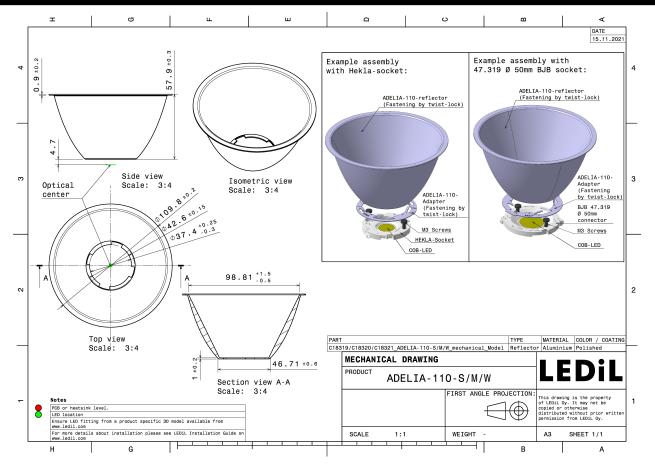
Component C18319_ADELIA-110-S » Box size: 400 x 280 x 280 mm

Qty in box	MOQ	MPQ	Box weight (kg)
360		60	13.7

PRODUCT DATASHEET C18319_ADELIA-110-S



PRODUCT DATASHEET C18319_ADELIA-110-S



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



PHOTOMETRIC DATA (SIMULATED):

bridgelux.		
LED	V18 Gen 8	
FWHM / FWTM	14.0° / 28.0°	
Efficiency	84 %	
Peak intensity	6.6 cd/lm	
LEDs/each optic	1	
	' White	
Light colour Required components:	White	
C18323_ADELIA-11		
Bender Wirth: 639b H		
Bender Wirth. 0390 r		
bridgelux.		90*
LED	V22 Gen 8	
FWHM / FWTM	16.0° / 33.0°	75
Efficiency	87 %	
Peak intensity	5.8 cd/lm	60*** 60*
LEDs/each optic	1	
Light colour	White	47°
Required components:		
C18323_ADELIA-11	D-ADAPTER-C	4000
Bender Wirth: 631b H		
		30* 30*
		15
bridgelux		10 ⁵ 2 ⁶ ₂₀ 15 ⁵
bridgelux.		10 ⁵ <u>3⁵</u> 15 ⁵
LED	VER013	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
LED FWHM / FWTM	10.0° / 20.0°	20° 20° 20° 20°
LED FWHM / FWTM Efficiency	10.0° / 20.0° 88 %	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
LED FWHM / FWTM Efficiency Peak intensity	10.0° / 20.0° 88 % 12.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	10.0° / 20.0° 88 % 12.6 cd/lm 1	10 ¹ 10 ² 10 ² 10 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	10.0° / 20.0° 88 % 12.6 cd/lm	600
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	10.0° / 20.0° 88 % 12.6 cd/lm 1 White	600
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18264_HEKLA-SO	10.0° / 20.0° 88 % 12.6 cd/lm 1 White CKET-VERO18	600
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	10.0° / 20.0° 88 % 12.6 cd/lm 1 White CKET-VERO18	894 (500) (500)
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18264_HEKLA-SO	10.0° / 20.0° 88 % 12.6 cd/lm 1 White CKET-VERO18	600
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18264_HEKLA-SO C18323_ADELIA-110	10.0° / 20.0° 88 % 12.6 cd/lm 1 White CKET-VERO18	200 X.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18264_HEKLA-SO C18323_ADELIA-110	10.0° / 20.0° 88 % 12.6 cd/lm 1 White CKET-VERO18 D-ADAPTER-C	200 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18264_HEKLA-SO C18323_ADELIA-110 bridgeLuk LED	10.0° / 20.0° 88 % 12.6 cd/lm 1 White CKET-VERO18 D-ADAPTER-C	200 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18264_HEKLA-SO C18323_ADELIA-110 bridgeLUX LED FWHM / FWTM	10.0° / 20.0° 88 % 12.6 cd/lm 1 White CKET-VERO18 D-ADAPTER-C VERO18 16.0° / 30.0°	500 500 500 500 500 500 500 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18264_HEKLA-SO C18323_ADELIA-110 bridgetux. LED FWHM / FWTM Efficiency	10.0° / 20.0° 88 % 12.6 cd/lm 1 White CKET-VERO18 D-ADAPTER-C VERO18 16.0° / 30.0° 83 %	500 500 500 500 500 500 500 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18264_HEKLA-SO C18323_ADELIA-110 bridgetux. LED FWHM / FWTM Efficiency Peak intensity	10.0° / 20.0° 88 % 12.6 cd/lm 1 White CKET-VERO18 D-ADAPTER-C VERO18 16.0° / 30.0° 83 % 6.3 cd/lm	500 500 500 500 500 500 500 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18264_HEKLA-SO C18323_ADELIA-110 bridgeluk LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	10.0° / 20.0° 88 % 12.6 cd/lm 1 White CKET-VERO18 D-ADAPTER-C VERO18 16.0° / 30.0° 83 % 6.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18264_HEKLA-SO C18323_ADELIA-110 bridgelux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	10.0° / 20.0° 88 % 12.6 cd/lm 1 White CKET-VERO18 D-ADAPTER-C VERO18 16.0° / 30.0° 83 % 6.3 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18264_HEKLA-SO C18323_ADELIA-110 bridgetux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	10.0° / 20.0° 88 % 12.6 cd/lm 1 White CKET-VERO18 D-ADAPTER-C VERO18 16.0° / 30.0° 83 % 6.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18264_HEKLA-SO C18323_ADELIA-110 bridgetux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18264_HEKLA-SO	10.0° / 20.0° 88 % 12.6 cd/lm 1 White CKET-VERO18 0-ADAPTER-C VERO18 16.0° / 30.0° 83 % 6.3 cd/lm 1 White CKET-VERO18	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18264_HEKLA-SO C18323_ADELIA-110 bridgetux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	10.0° / 20.0° 88 % 12.6 cd/lm 1 White CKET-VERO18 0-ADAPTER-C VERO18 16.0° / 30.0° 83 % 6.3 cd/lm 1 White CKET-VERO18	



PHOTOMETRIC DATA (SIMULATED):

CITIZEN	N	50 ⁴
LED	CLL03x/CLU03x	
FWHM / FWTM	12.0° / 22.0°	72
Efficiency	91 %	an 3000
Peak intensity	11.1 cd/lm	
LEDs/each optic	1	
Light colour	White	¢ ⁴ 600 a
Required component	s:	
F17438_HEKLA-0	62-I	
C18323_ADELIA-	110-ADAPTER-C	300
		30 ⁴ 12 ⁵ 0 ⁴ 12 ⁵ 30
SAMSU	NG	90 ⁴
LED	LC016D / LC019D / LC026D / LC033D	
FWHM / FWTM	12.0° / 24.0°	3. 25
Efficiency	90 %	
Peak intensity	9.7 cd/lm	
LEDs/each optic	1	
Light colour	White	er e
Required component	s:	8400
F17438_HEKLA-0	62-1	
C18323_ADELIA-	110-ADAPTER-C	
		20** 20* 20* 20*
SAMSU	NG	
LED	LC040D / LC060D / LC080D	
FWHM / FWTM	18.0° / 38.0°	70
Efficiency	91 %	100
Peak intensity	5.3 cd/lm	
LEDs/each optic	1	
Light colour	White	at <u>200</u>
Required component	s:	
C18324_ADELIA-		
BJB: 47.319.2030		24
		25° 0° 15°



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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