

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	Type	Material	Colour	Finish	Coating
ADELIA-110-S	Reflector	AL1099	metal	gloss	Anodized



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18319_ADELIA-110-S » Box size: 400 x 280 x 280 mm	360		60	13.7

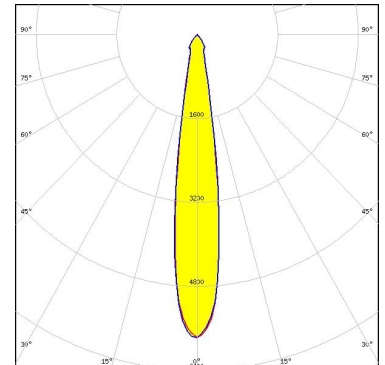
PHOTOMETRIC DATA (SIMULATED):

bridgelux.

LED V18 Gen 8
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 84 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C18323_ADELIA-110-ADAPTER-C
 Bender Wirth: 639b Hekla XL

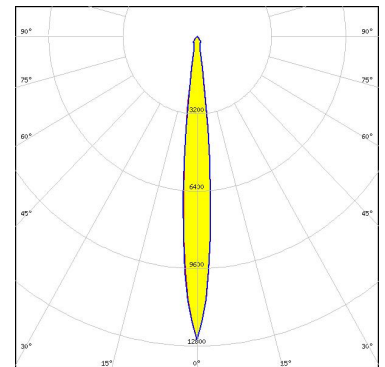
bridgelux.

LED V22 Gen 8
 FWHM / FWTM 16.0° / 33.0°
 Efficiency 87 %
 Peak intensity 5.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C18323_ADELIA-110-ADAPTER-C
 Bender Wirth: 631b Hekla XL



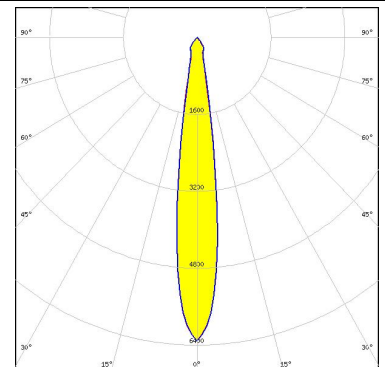
bridgelux.

LED VERO13
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 88 %
 Peak intensity 12.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C18264_HEKLA-SOCKET-VERO18
 C18323_ADELIA-110-ADAPTER-C



bridgelux.

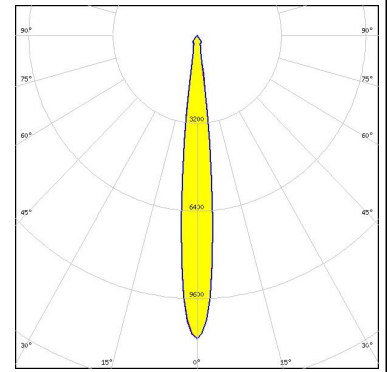
LED VERO18
 FWHM / FWTM 16.0° / 30.0°
 Efficiency 83 %
 Peak intensity 6.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C18264_HEKLA-SOCKET-VERO18
 C18323_ADELIA-110-ADAPTER-C



PHOTOMETRIC DATA (SIMULATED):

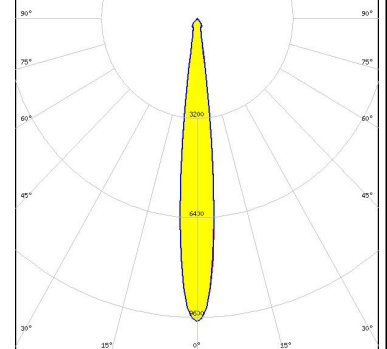
CITIZEN

LED CLL03x/CLU03x
FWHM / FWTM 12.0° / 22.0°
Efficiency 91 %
Peak intensity 11.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I
C18323_ADELIA-110-ADAPTER-C



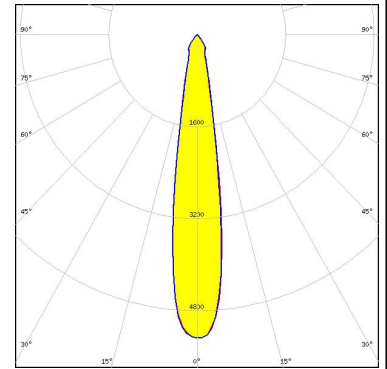
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
FWHM / FWTM 12.0° / 24.0°
Efficiency 90 %
Peak intensity 9.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I
C18323_ADELIA-110-ADAPTER-C



SAMSUNG

LED LC040D / LC060D / LC080D
FWHM / FWTM 18.0° / 38.0°
Efficiency 91 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C18324_ADELIA-110-ADAPTER-B
BJB: 47.319.2030



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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)