

ALISE-50-M

~24° medium beam

SPECIFICATION:

Dimensions	Ø 49.9 mm
Height	25 mm
ROHS compliant	yes ⓘ

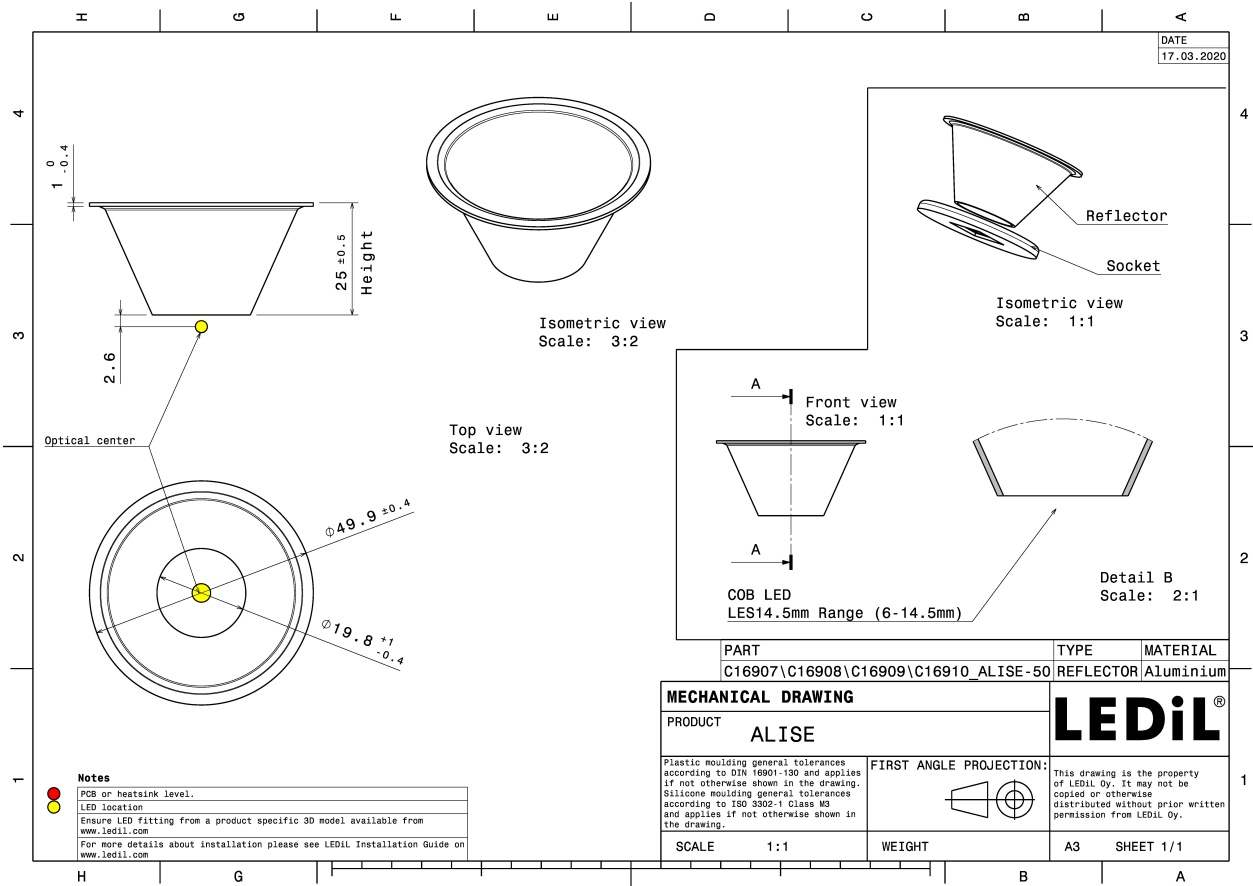
MATERIALS:

Component	Type	Material	Colour	Finish	Coating
ALISE-50-M	Reflector	Aluminium	metal		Anodized



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16908_ALISE-50-M » Box size: 370 x 320 x 210 mm	750	100	25	6.1

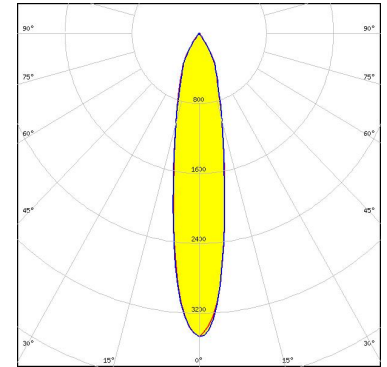


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (SIMULATED):

bridgelux

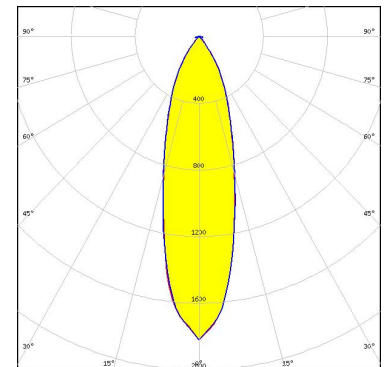
LED: Vero SE 10
FWHM / FWTM: 20.0° / 59.0°
Efficiency: 86 %
Peak intensity: 3.5 cd/lm
LEDs/each optic: 1
Light colour/type: White
Required components:



Light distribution files

CITIZEN

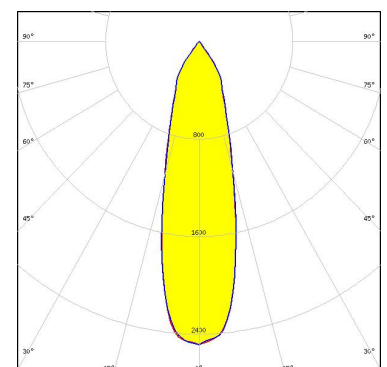
LED: CLL02x/CLU02x (LES10)
FWHM / FWTM: 28.0° / 68.0°
Efficiency: 73 %
Peak intensity: 1.8 cd/lm
LEDs/each optic: 1
Light colour/type: White
Required components:
C17099_ALISE-50-DL



Light distribution files

CITIZEN

LED: CLL02x/CLU02x (LES10)
FWHM / FWTM: 28.0° / 70.0°
Efficiency: 90 %
Peak intensity: 2.5 cd/lm
LEDs/each optic: 1
Light colour/type: White
Required components:

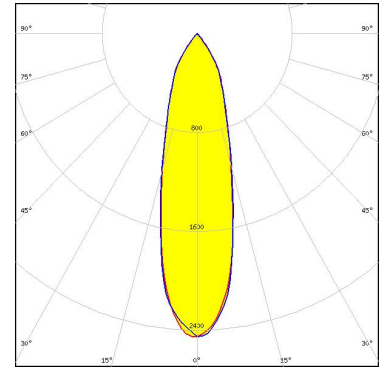


Light distribution files

OPTICAL RESULTS (SIMULATED):

CITIZEN

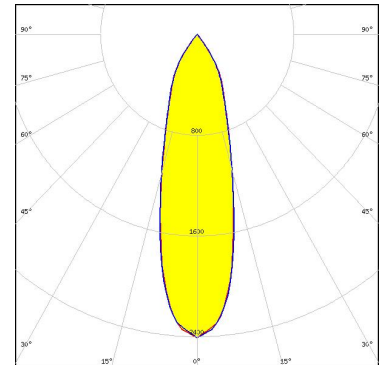
LED	CLL02x/CLU02x (LES10)
FWHM / FWTM	28.0° / 68.0°
Efficiency	90 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



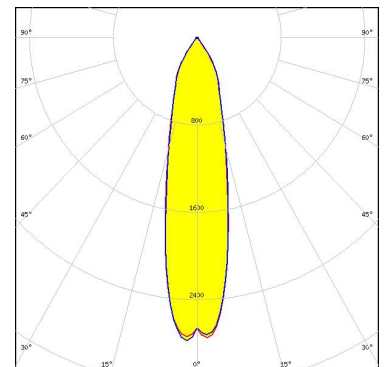
LED	CMT14xx
FWHM / FWTM	28.0° / 68.0°
Efficiency	90 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	CXA/B 15xx
FWHM / FWTM	24.0° / 66.0°
Efficiency	87 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

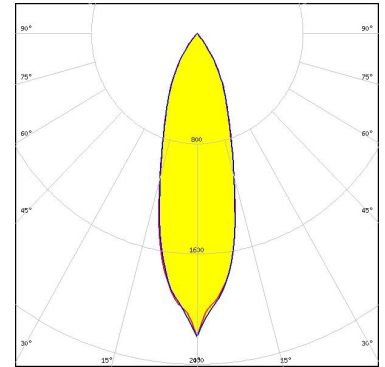


Light distribution files

OPTICAL RESULTS (SIMULATED):



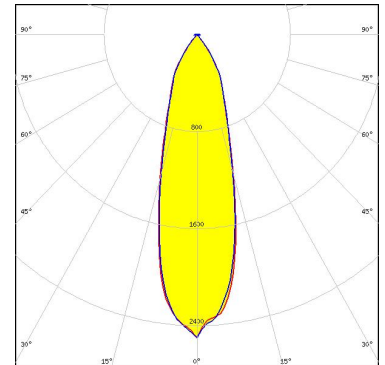
LED CXA/B 1830
FWHM / FWTM 30.0° / 68.0°
Efficiency 83 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



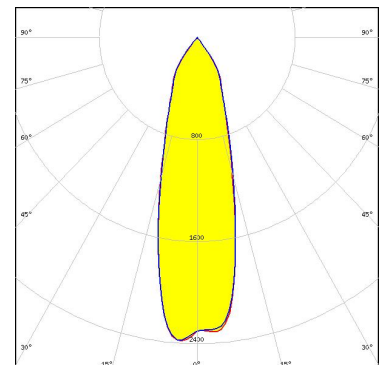
LED LUXEON CoB 1202/1203
FWHM / FWTM 29.0° / 68.0°
Efficiency 96 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON CoB 1202s
FWHM / FWTM 29.0° / 70.0°
Efficiency 90 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



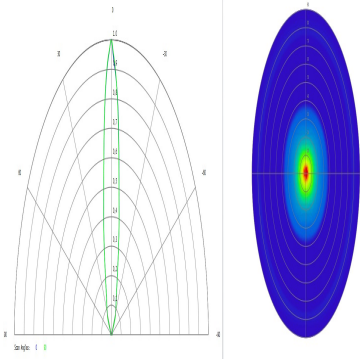
Light distribution files

OPTICAL RESULTS (SIMULATED):




LED: XFM-5050 4 Die
 FWHM / FWTM: 20.0° / 54.0°
 Efficiency: 89 %
 LEDs/each optic: 1
 Light colour/type: UV-C
 Required components:

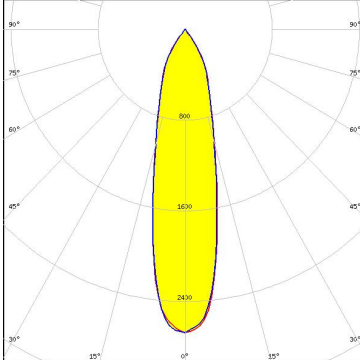
The UVC LED result tolerance is $\pm 10\%$




Light distribution files



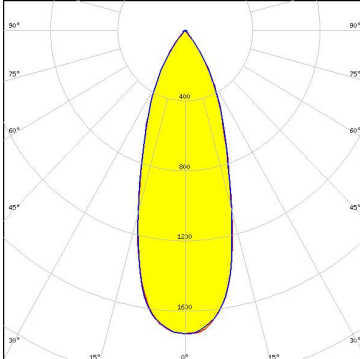
LED: LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM: 25.0° / 66.0°
 Efficiency: 86 %
 Peak intensity: 2.7 cd/lm
 LEDs/each optic: 1
 Light colour/type: White
 Required components:



Light distribution files




LED: LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM: 36.0° / 70.0°
 Efficiency: 83 %
 Peak intensity: 1.8 cd/lm
 LEDs/each optic: 1
 Light colour/type: White
 Required components:



Light distribution files

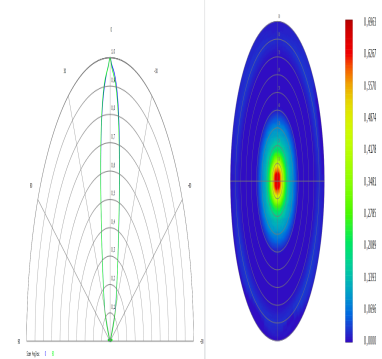
OPTICAL RESULTS (SIMULATED):




SEOL SEMICONDUCTOR

LED	WICOP DY9560-27
FWHM / FWTM	25.0° / 65.0°
Efficiency	88 %
LEDs/each optic	24
Light colour/type	UV-C
Required components:	

The UVC LED result tolerance is ± 10 %

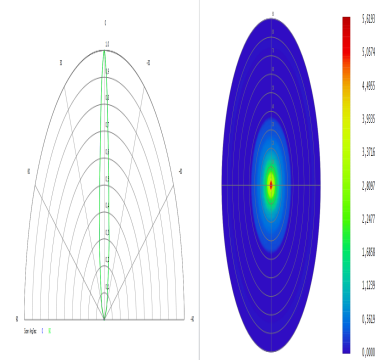


Light distribution files



LED	ZEUBE265 Series
FWHM / FWTM	13.0° / 47.0°
Efficiency	90 %
LEDs/each optic	1
Light colour/type	UV-C
Required components:	

The UVC LED result tolerance is ± 10 %



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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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

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