ALISE-50-S

~15° spot beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 49.9 mm
Height	25 mm
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16907_ALISE-50-S » Box size: 370 x 320 x 210 mm	750	100	25	5.8

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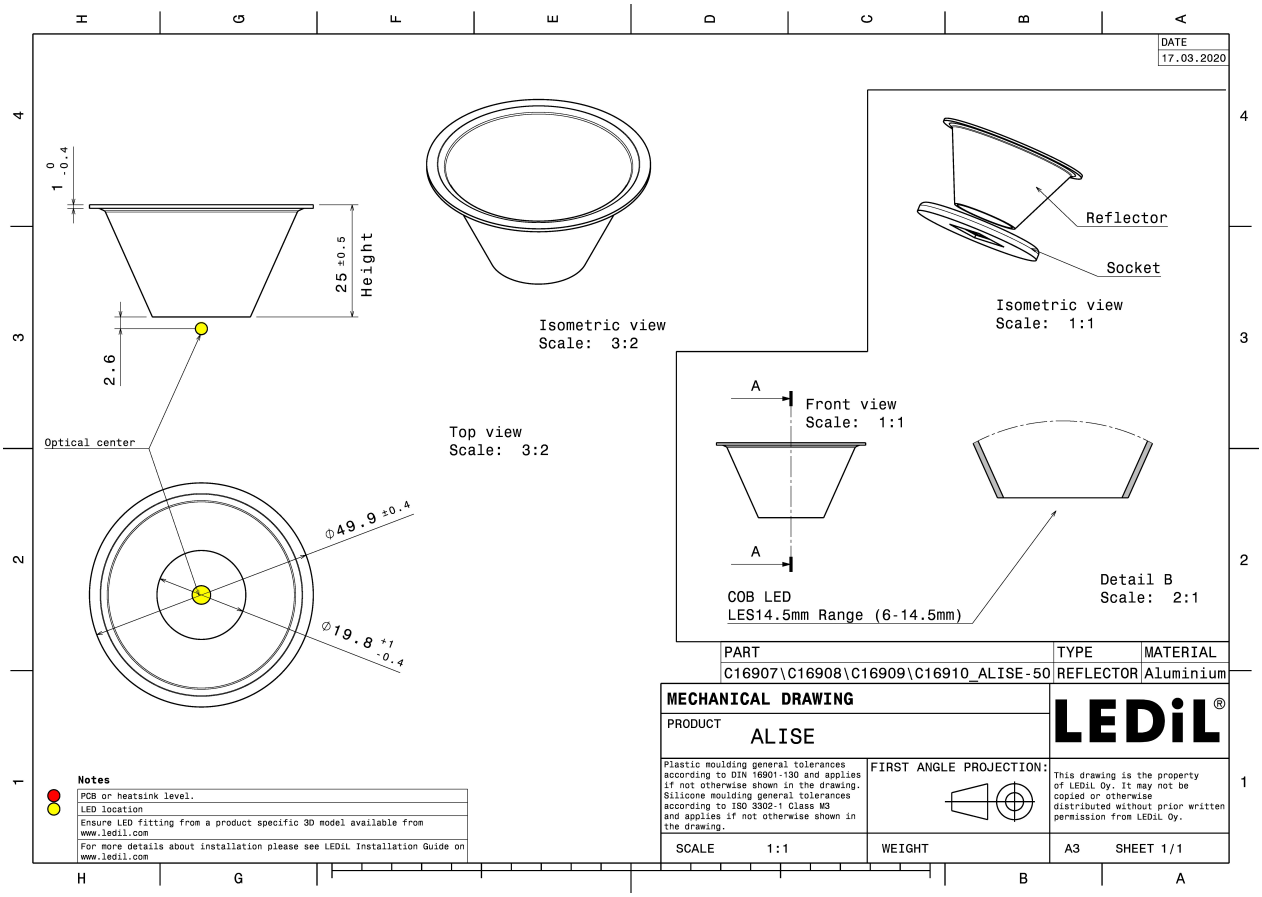

See also our general installation guide: www.ledil.com/installation_guide

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PHOTOMETRIC DATA (MEASURED):

STANLEY

LED	ZEUBE265 Series
FWHM / FWTM	9.0° / 46.0°
Efficiency	70 %
LEDs/each optic	1
Light colour	UV-C

Required components:

The UVC LED result tolerance is ±10 %

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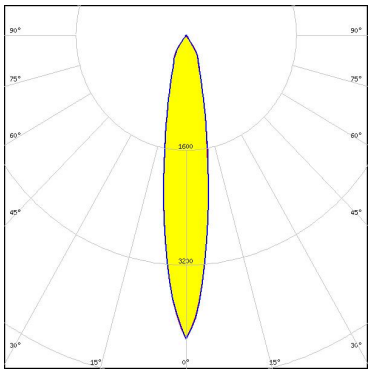
PHOTOMETRIC DATA (SIMULATED):

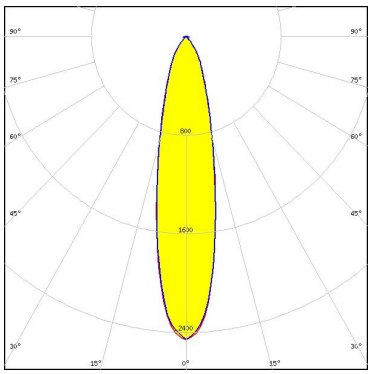
bridgelux

LED	Vero SE 10
FWHM / FWTM	18.0° / 50.0°
Efficiency	87 %
Peak intensity	4.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



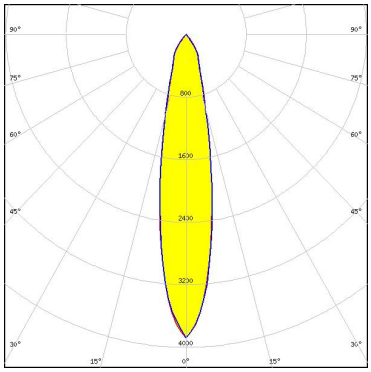
CITIZEN

LED	CLL02x/CLU02x (LES10)
FWHM / FWTM	22.0° / 60.0°
Efficiency	73 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C17099_ALISE-50-DL	



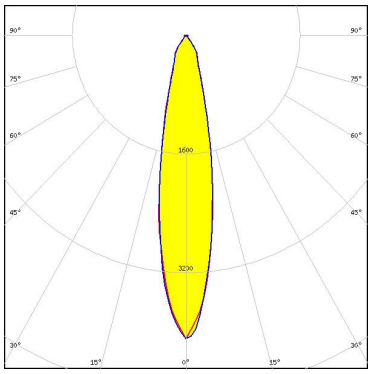
CREE LED

LED	CMT14xx
FWHM / FWTM	10.0° / 52.0°
Efficiency	90 %
Peak intensity	3.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON CoB 1202/1203
FWHM / FWTM	21.0° / 49.0°
Efficiency	97 %
Peak intensity	4.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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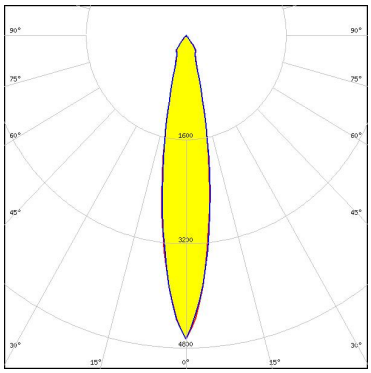
PHOTOMETRIC DATA (SIMULATED):

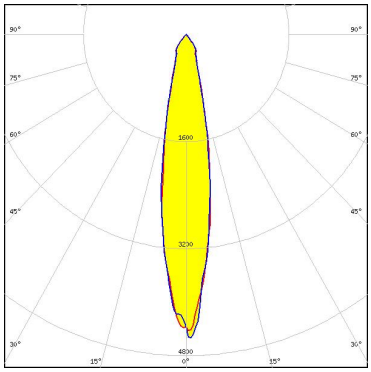
LUMILEDS

LED	LUXEON CoB 1202s
FWHM / FWTM	19.0° / 42.0°
Efficiency	91 %
Peak intensity	4.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

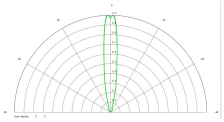
LED	LUXEON CoB Compact
FWHM / FWTM	19.0° / 43.0°
Efficiency	91 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

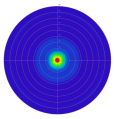


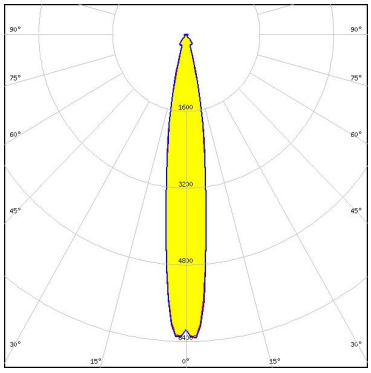
LUMINUS

LED	XFM-5050 4 Die
FWHM / FWTM	16.0° / 32.0°
Efficiency	90 %
LEDs/each optic	1
Light colour	UV-C
Required components:	

The UVC LED result tolerance is ±10 %



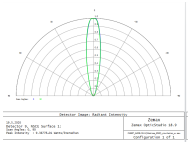


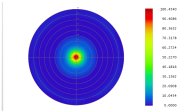


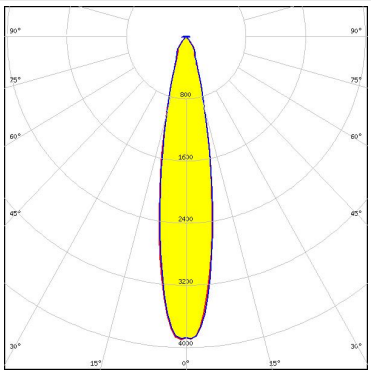
SEOUL SEMICONDUCTOR

LED	WICOP DY9560-27
FWHM / FWTM	21.0° / 44.0°
Efficiency	90 %
LEDs/each optic	24
Light colour	UV-C
Required components:	

The UVC LED result tolerance is ±10 %







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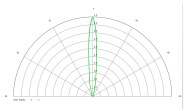
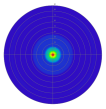
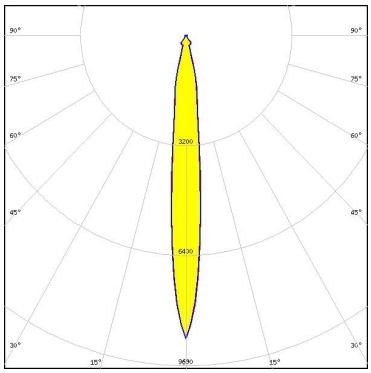
PHOTOMETRIC DATA (SIMULATED):

LED	ZEUBE265 Series
FWHM / FWTM	11.0° / 29.0°
Efficiency	90 %
LEDs/each optic	1
Light colour	UV-C
Required components:	

The UVC LED result tolerance is ±10 %







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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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