ALISE-110-M

~24° medium beam

SPECIFICATION:

Dimensions	Ø 110.0 mm
Height	65 mm
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Coating
ALISE-110-M	Reflector	Aluminium	metal		Anodized

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16900_ALISE-110-M » Box size: 500 x 375 x 250 mm	300	100	25	11.2

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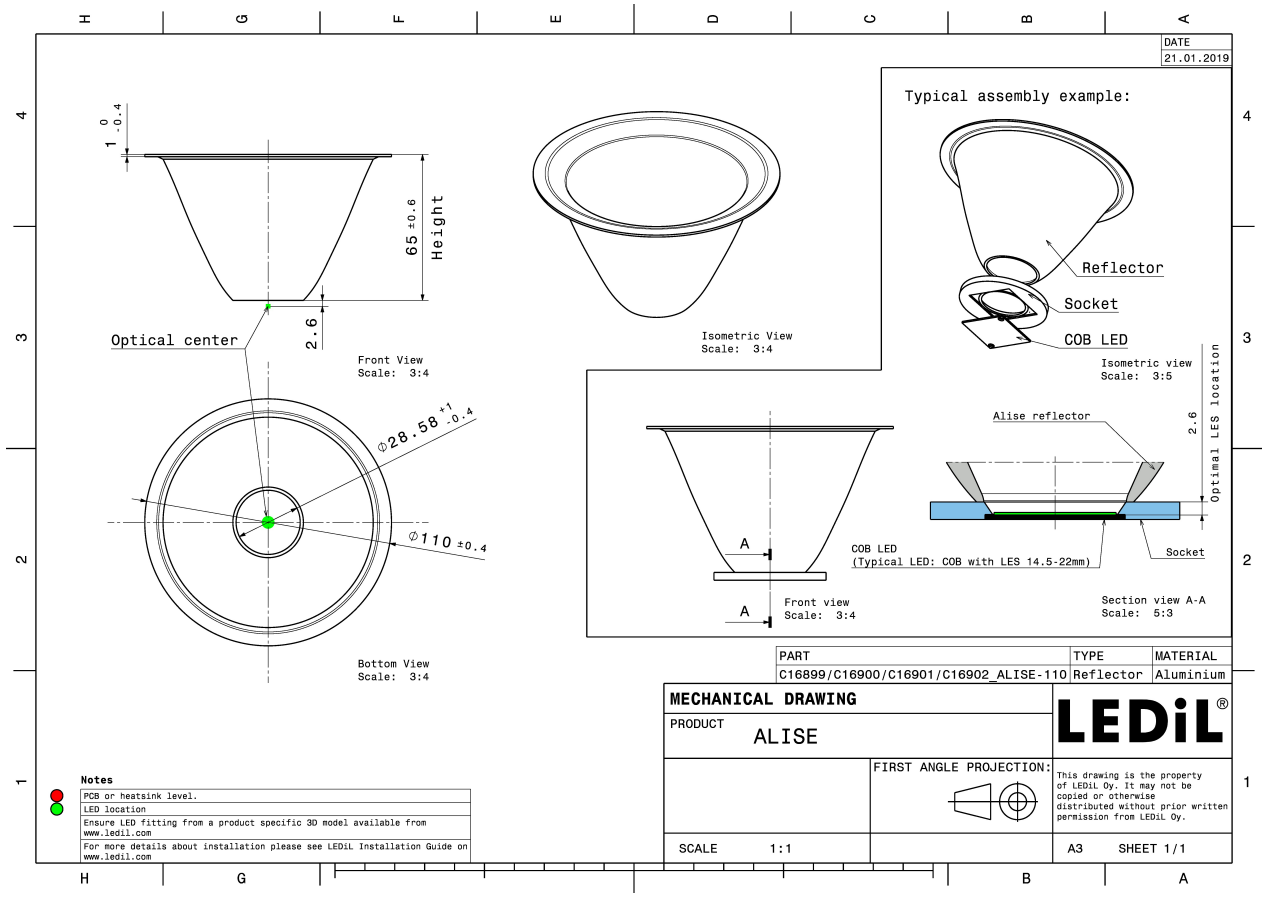

See also our general installation guide: www.ledil.com/installation_guide

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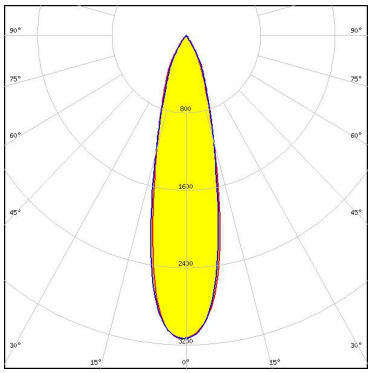
OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	CMU22xx
FWHM / FWTM	25.0° / 58.0°
Efficiency	87 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Bender Wirth: 431 Typ L3



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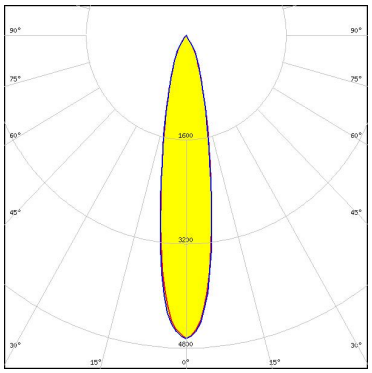
OPTICAL RESULTS (SIMULATED):

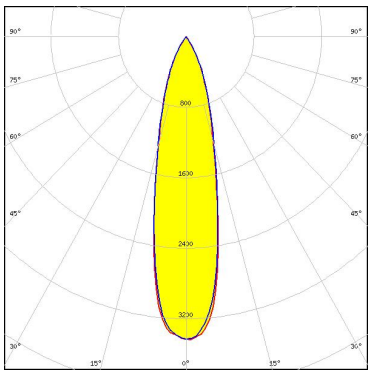
bridgelux

LED	Vero SE 18
FWHM / FWTM	20.0° / 49.0°
Efficiency	92 %
Peak intensity	4.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



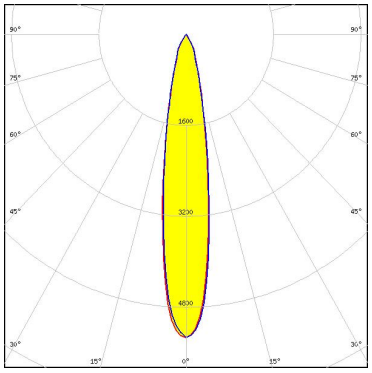
CITIZEN

LED	CLL04x/CLU04x
FWHM / FWTM	24.0° / 55.0°
Efficiency	91 %
Peak intensity	3.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



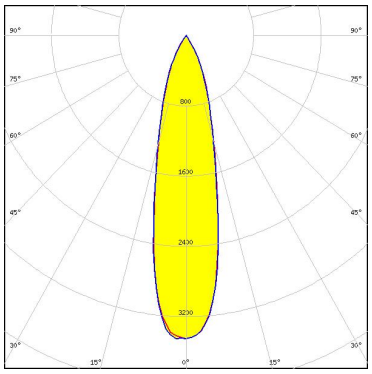
CREE LEDs

LED	CMA1840
FWHM / FWTM	18.0° / 41.0°
Efficiency	88 %
Peak intensity	5.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LEDs

LED	CMT28xx
FWHM / FWTM	25.0° / 56.0°
Efficiency	92 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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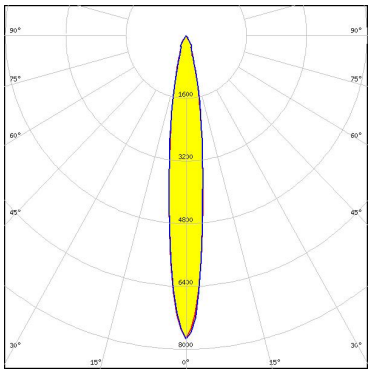
OPTICAL RESULTS (SIMULATED):

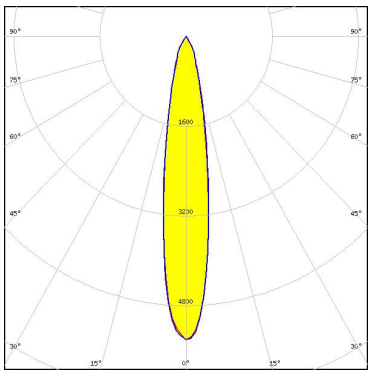
CREE LEDs

LED	CXA/B 15xx
FWHM / FWTM	14.0° / 34.0°
Efficiency	88 %
Peak intensity	7.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



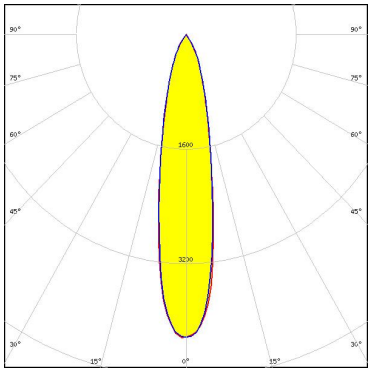
CREE LEDs

LED	CXA/B 1830
FWHM / FWTM	18.0° / 42.0°
Efficiency	88 %
Peak intensity	5.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



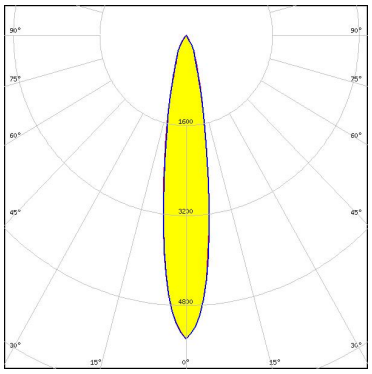
CREE LEDs

LED	CXA/B 30xx
FWHM / FWTM	21.0° / 51.0°
Efficiency	92 %
Peak intensity	4.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON CoB 1208
FWHM / FWTM	18.0° / 42.0°
Efficiency	88 %
Peak intensity	5.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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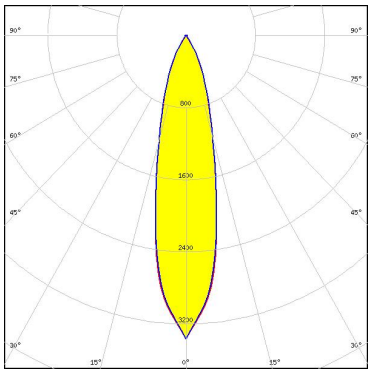
OPTICAL RESULTS (SIMULATED):

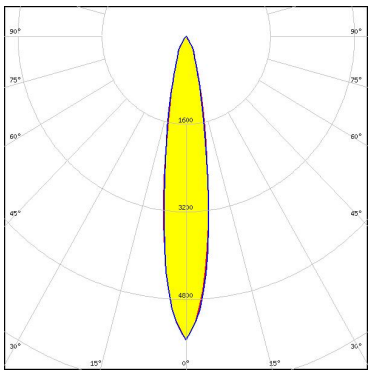
LUMINUS

LED	CxM-22 (28x28)
FWHM / FWTM	24.0° / 56.0°
Efficiency	88 %
Peak intensity	3.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



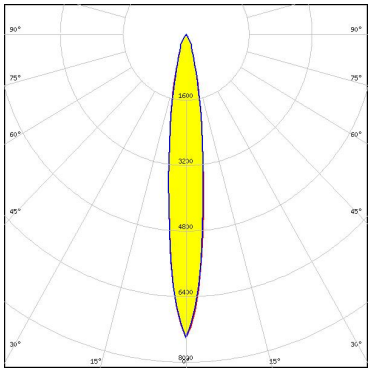
NICHIA

LED	COB J-Type
FWHM / FWTM	18.0° / 40.0°
Efficiency	88 %
Peak intensity	5.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



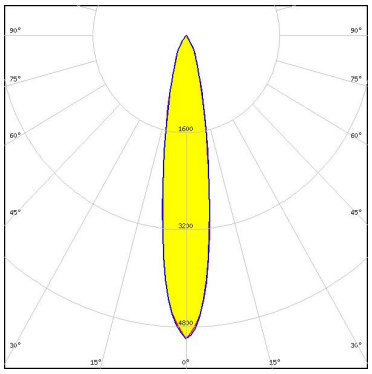
SAMSUNG

LED	LC003D / LC006D / LC009D / LC013D
FWHM / FWTM	14.0° / 34.0°
Efficiency	88 %
Peak intensity	7.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
FWHM / FWTM	18.0° / 44.0°
Efficiency	87 %
Peak intensity	5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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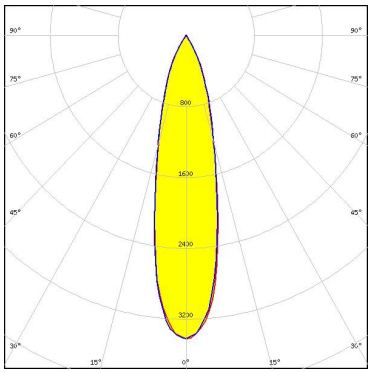
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LC040D / LC060D / LC080D
FWHM / FWTM	24.0° / 55.0°
Efficiency	91 %
Peak intensity	3.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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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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