

ALISE-70-S

~15° spot beam

SPECIFICATION:

Dimensions	Ø 70.0 mm
Height	42 mm
ROHS compliant	yes ⓘ

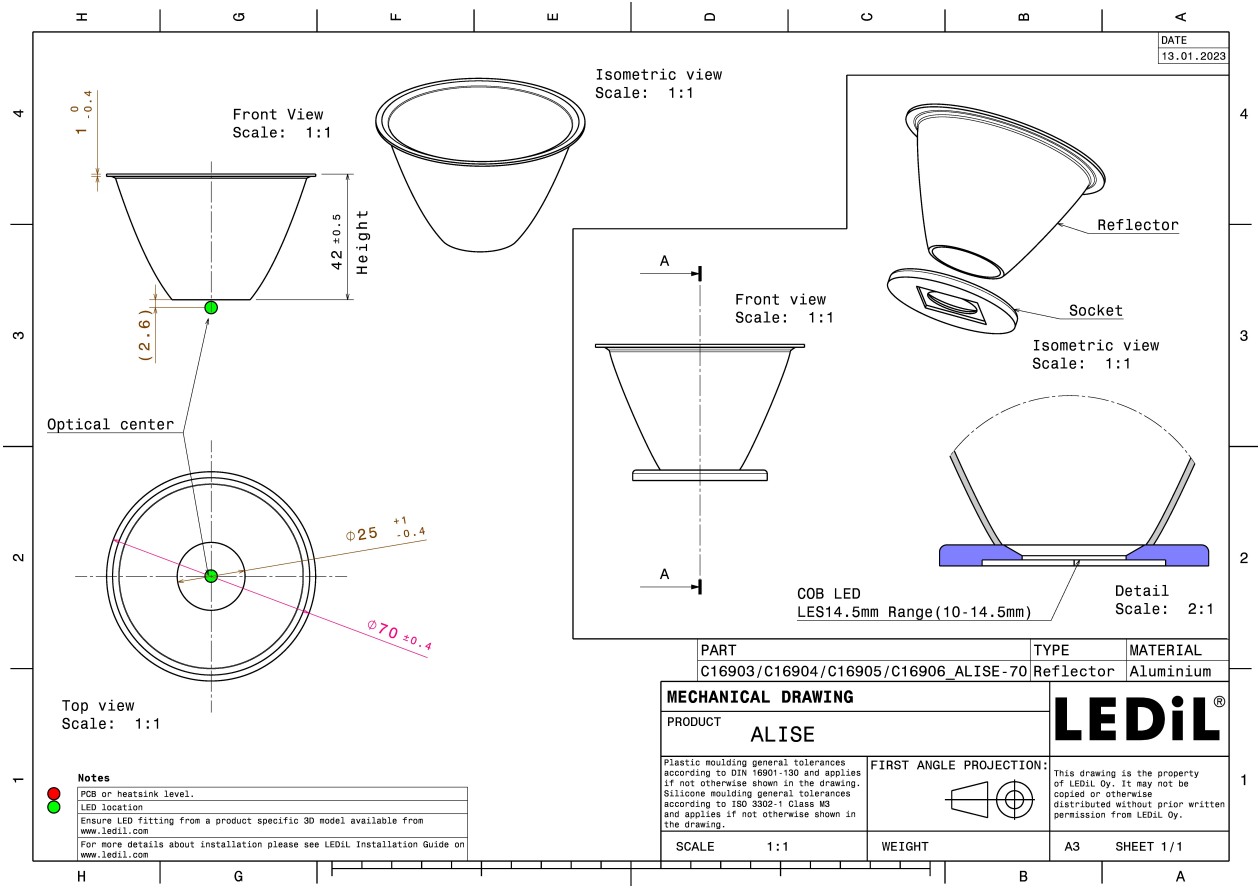
MATERIALS:

Component	Type	Material	Colour	Finish	Coating
ALISE-70-S	Reflector	Aluminium	metal		Anodized




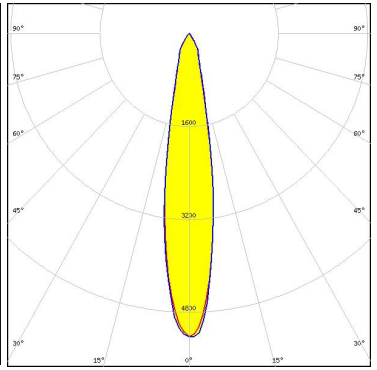
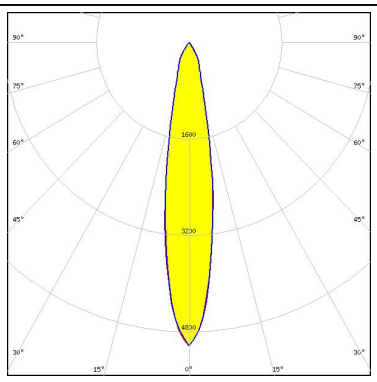
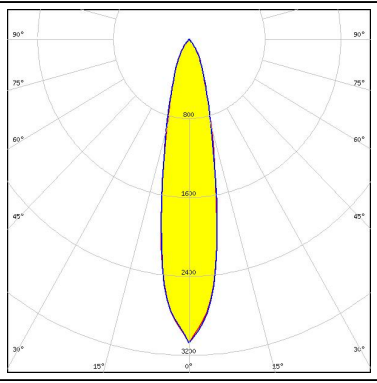
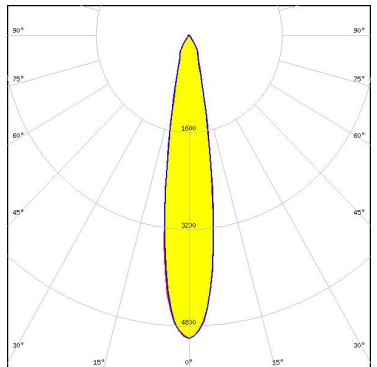
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16903_ALISE-70-S » Box size: 410 x 335 x 200 mm	500	100	25	8.4

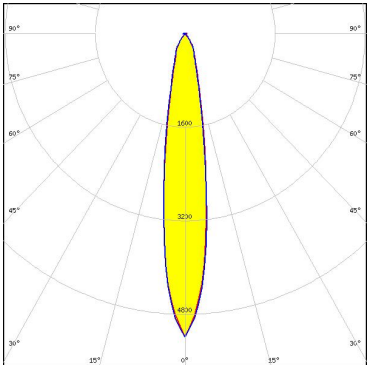
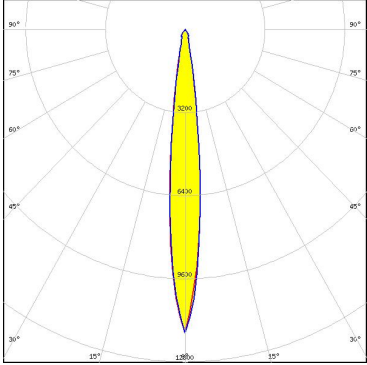

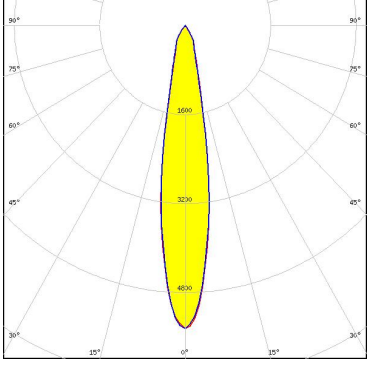
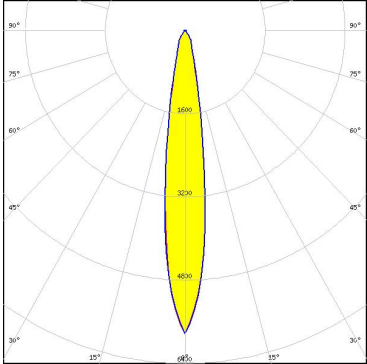


See also our general installation guide: www.ledil.com/installation_guide


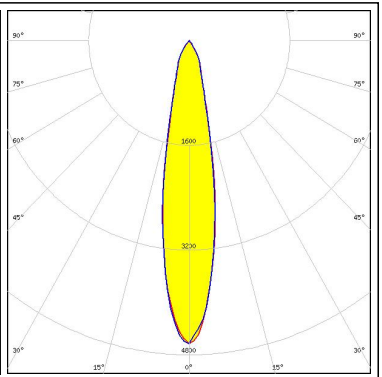

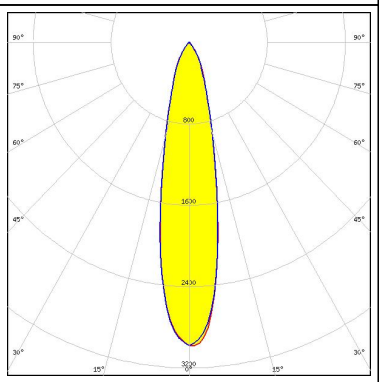
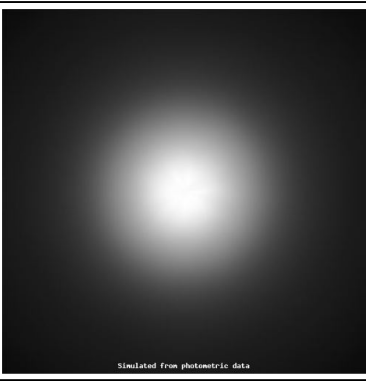
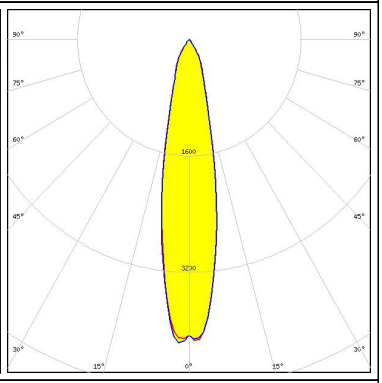

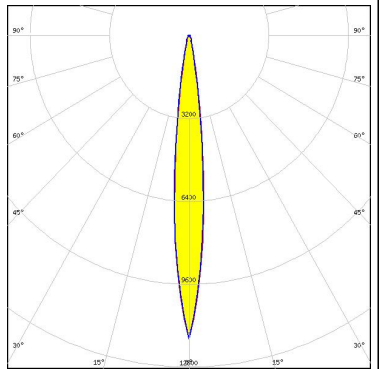
OPTICAL RESULTS (SIMULATED):

<p>bridgelux</p> <p>LED V13 Gen7 FWHM / FWTM 18.0° / 42.0° Efficiency 92 % Peak intensity 5.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	 <p>Simulated from photometric data</p>	
<p>CITIZEN</p> <p>LED CLL03x/CLU03x FWHM / FWTM 18.0° / 44.0° Efficiency 91 % Peak intensity 5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CITIZEN</p> <p>LED CLL03x/CLU03x FWHM / FWTM 22.0° / 52.0° Efficiency 74 % Peak intensity 3.1 cd/lm LEDs/each optic 1 Light colour White Required components: C17098_ALISE-70-DL</p>		
<p>CREE LED</p> <p>LED CMA1840 FWHM / FWTM 18.0° / 40.0° Efficiency 90 % Peak intensity 5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (SIMULATED):

<p>CREE LED</p> <p>LED: CMU15xx FWHM / FWTM: 16.0° / 42.0° Efficiency: 90 % Peak intensity: 5.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>LUMILEDS</p> <p>LED: LUXEON CoB 1202/1203 FWHM / FWTM: 12.0° / 24.0° Efficiency: 96 % Peak intensity: 11.7 cd/lm LEDs/each optic: 1 Light colour: White Required components: TE Connectivity: 2213382-1</p>		
<p>LUMILEDS</p> <p>LED: LUXEON CoB 1204/1205 FWHM / FWTM: 18.0° / 40.0° Efficiency: 92 % Peak intensity: 5.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>LUMILEDS</p> <p>LED: LUXEON CoB 1204/1205 FWHM / FWTM: 16.0° / 35.0° Efficiency: 83 % Peak intensity: 5.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		

OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON CoB 1208</p> <p>FWHM / FWTM 20.0° / 46.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 4.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	 <p>Simulated from photometric data</p>	
<p>LUMILEDS</p> <p>LED LUXEON CoB 1208</p> <p>FWHM / FWTM 22.0° / 52.0°</p> <p>Efficiency 74 %</p> <p>Peak intensity 3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C17098_ALISE-70-DL</p>	 <p>Simulated from photometric data</p>	
<p>SAMSUNG</p> <p>LED LC016D / LC019D / LC026D / LC033D</p> <p>FWHM / FWTM 22.0° / 51.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 4.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	 <p>Simulated from photometric data</p>	
<p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED WICOP DY9560-27</p> <p>FWHM / FWTM 11.0° / 24.0°</p> <p>Efficiency 89 %</p> <p>LEDs/each optic 24</p> <p>Light colour UV-A</p> <p>Required components:</p>	 <p>Simulated from photometric data</p>	

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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