

## ALISE-70-M

~24° medium beam

### SPECIFICATION:

Dimensions	Ø 70.0 mm
Height	42 mm
ROHS compliant	yes ⓘ

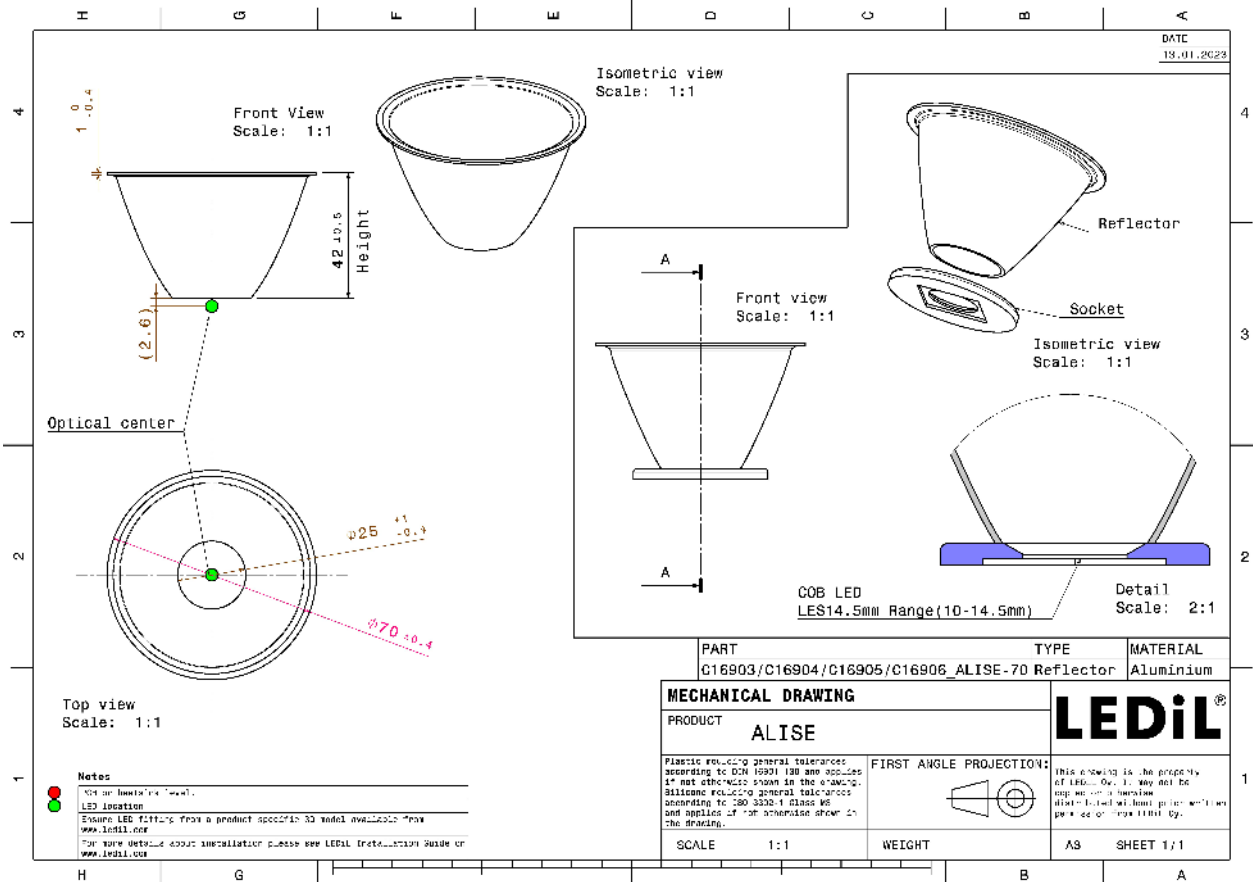
### MATERIALS:

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




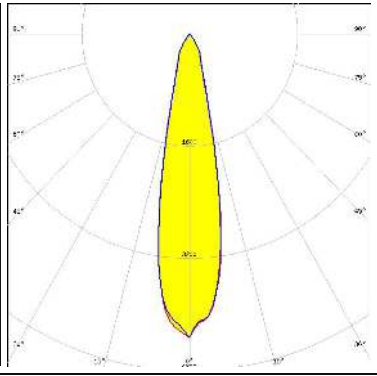

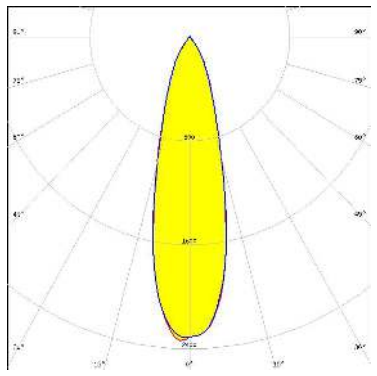

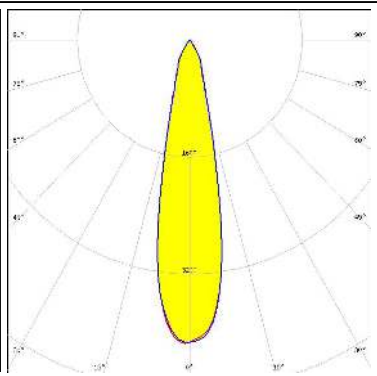
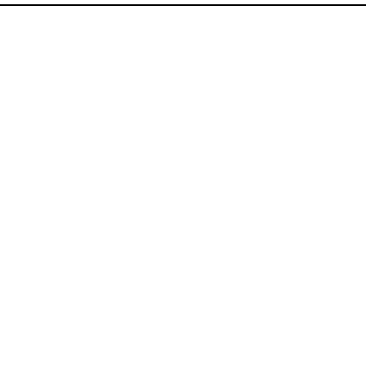
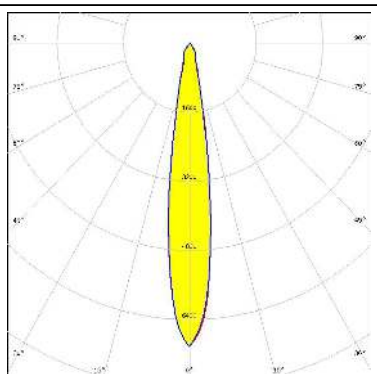
### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16904_ALISE-70-M » Box size: 410 x 335 x 200 mm	500	100	25	8.7

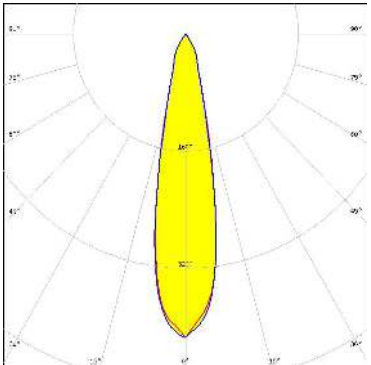
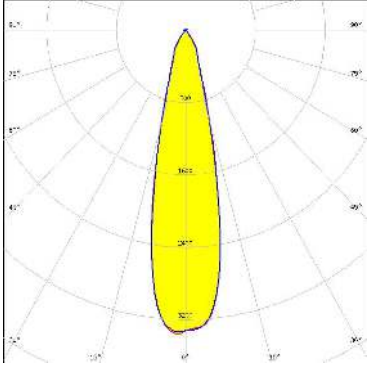

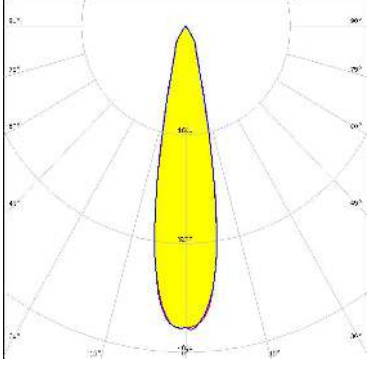
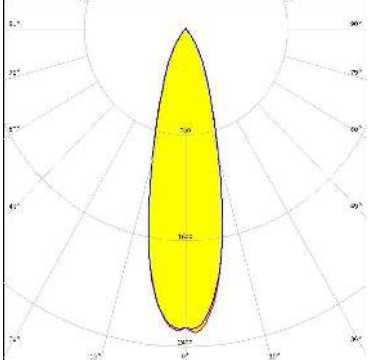


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)


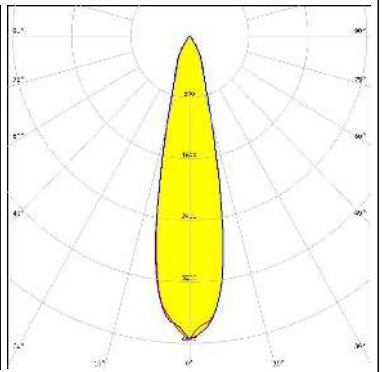
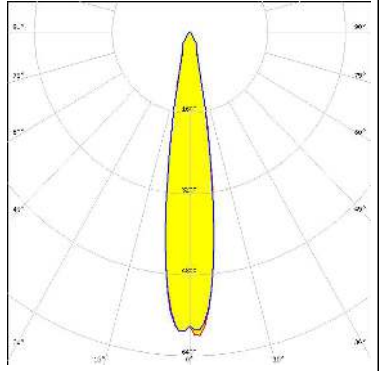
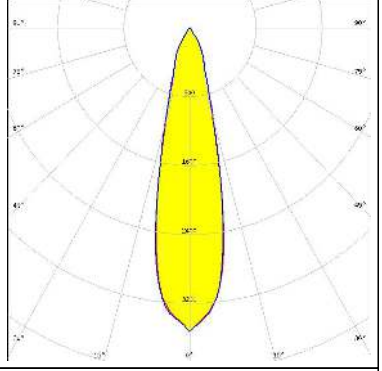
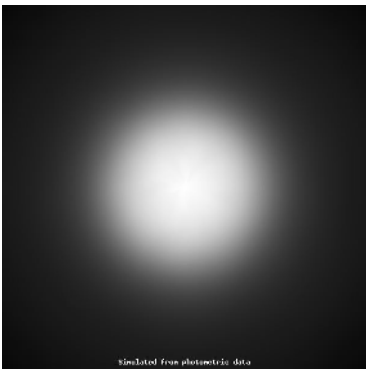
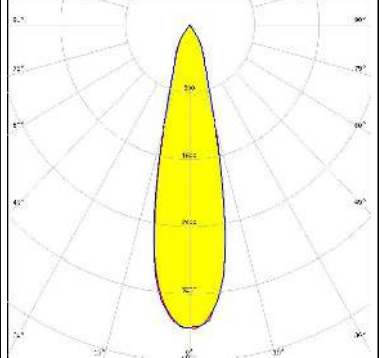
#### OPTICAL RESULTS (SIMULATED):

<p><b>bridgelux</b></p> <p>LED V13 Gen7            FWHM / FWTM 22.0° / 46.0°            Efficiency 92 %            Peak intensity 4.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	 <p>Simulated from photometric data</p>	
<p><b>CITIZEN</b></p> <p>LED CLL03x/CLU03x            FWHM / FWTM 28.0° / 60.0°            Efficiency 74 %            Peak intensity 2.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C17098_ALISE-70-DL</p>	 <p>Simulated from photometric data</p>	
<p><b>CITIZEN</b></p> <p>LED CLL03x/CLU03x            FWHM / FWTM 22.0° / 48.0°            Efficiency 91 %            Peak intensity 4.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	 <p>Simulated from photometric data</p>	
<p><b>CREE LED</b></p> <p>LED CXA/B 15xx            FWHM / FWTM 16.0° / 32.0°            Efficiency 88 %            Peak intensity 7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	 <p>Simulated from photometric data</p>	

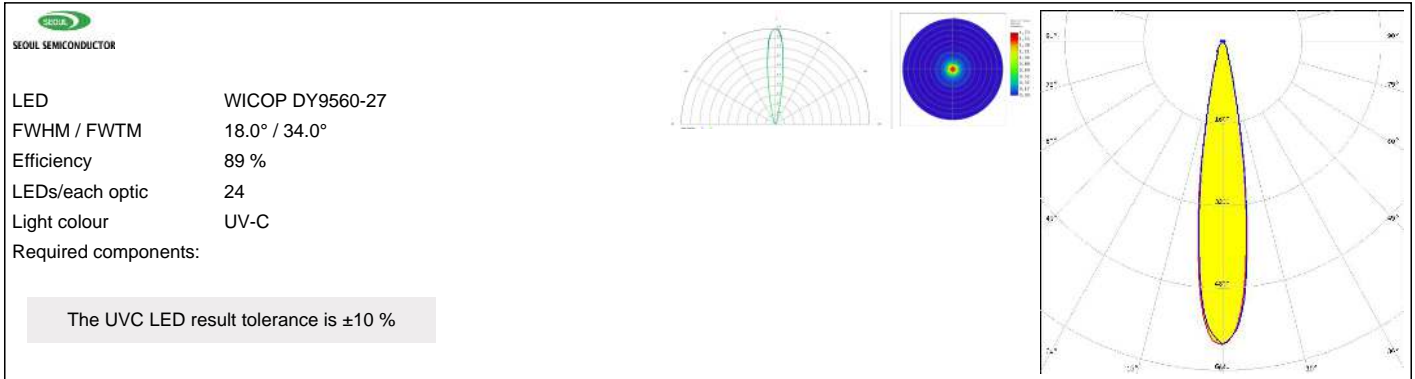
#### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> LED</p> <p>LED: CXA/B 1830            FWHM / FWTM: 22.0° / 47.0°            Efficiency: 87 %            Peak intensity: 4.2 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON CoB 1204/1205            FWHM / FWTM: 24.0° / 50.0°            Efficiency: 83 %            Peak intensity: 3.4 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON CoB 1204/1205            FWHM / FWTM: 22.0° / 44.0°            Efficiency: 92 %            Peak intensity: 4.5 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	 
<p><b>LUMILEDS</b></p> <p>LED: LUXEON CoB 1208            FWHM / FWTM: 28.0° / 60.0°            Efficiency: 74 %            Peak intensity: 2.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            C17098_ALISE-70-DL</p>	

#### OPTICAL RESULTS (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1208</p> <p>FWHM / FWTM 24.0° / 50.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	 <p style="text-align: center; font-size: small;">Simulated from photometric data</p>	
<p><b>SAMSUNG</b></p> <p>LED LC003D / LC006D / LC009D / LC013D</p> <p>FWHM / FWTM 18.0° / 34.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>SAMSUNG</b></p> <p>LED LC016D / LC019D / LC026D / LC033D</p> <p>FWHM / FWTM 24.0° / 54.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 3.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>SAMSUNG</b></p> <p>LED LC016D / LC019D / LC026D / LC033D</p> <p>FWHM / FWTM 26.0° / 54.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 3.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	 <p style="text-align: center; font-size: small;">Simulated from photometric data</p>	

### OPTICAL RESULTS (SIMULATED):



### 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.

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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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