

## ALISE-70-M

~24° medium beam

### SPECIFICATION:

Dimensions	Ø 70.0 mm
Height	42 mm
ROHS compliant	yes ⓘ

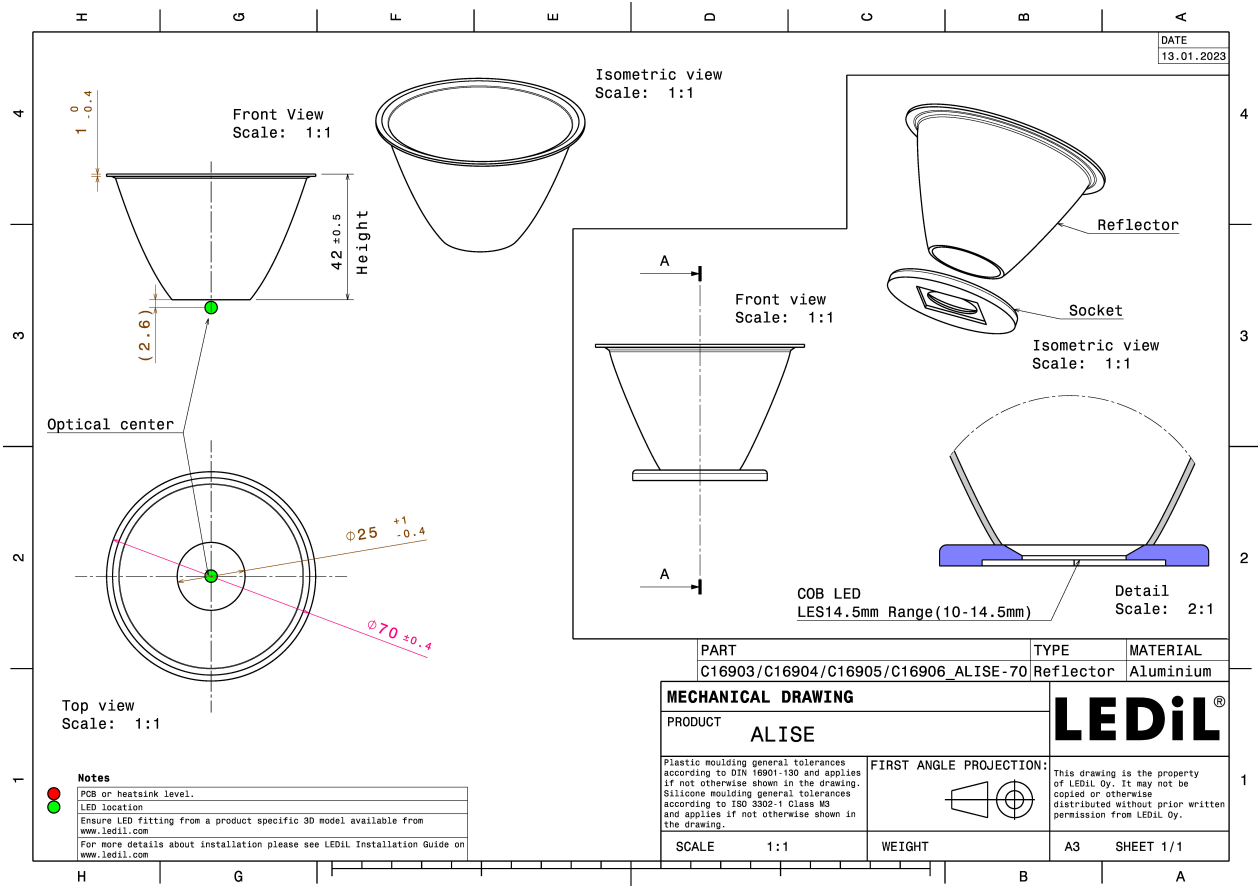
### MATERIALS:

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

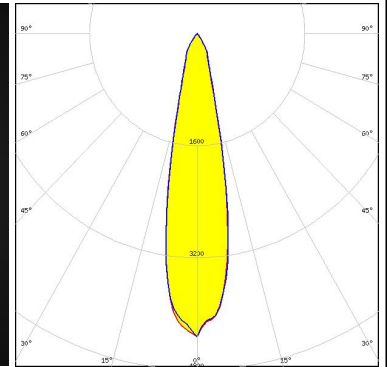


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (SIMULATED):

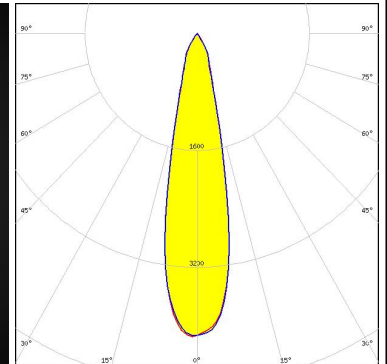


**LED** V13 Gen7  
**FWHM / FWTM** 22.0° / 46.0°  
**Efficiency** 92 %  
**Peak intensity** 4.4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



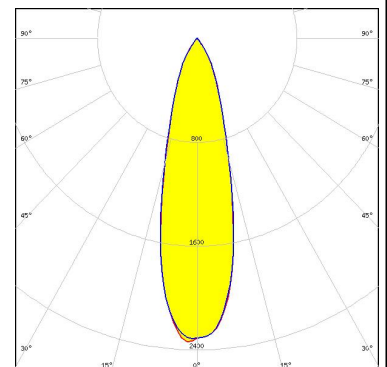
### CITIZEN

**LED** CLL03x/CLU03x  
**FWHM / FWTM** 22.0° / 48.0°  
**Efficiency** 91 %  
**Peak intensity** 4.2 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



### CITIZEN

**LED** CLL03x/CLU03x  
**FWHM / FWTM** 28.0° / 60.0°  
**Efficiency** 74 %  
**Peak intensity** 2.4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C17098\_ALISE-70-DL

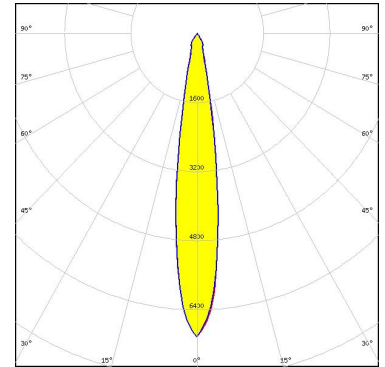


Light distribution files

### OPTICAL RESULTS (SIMULATED):



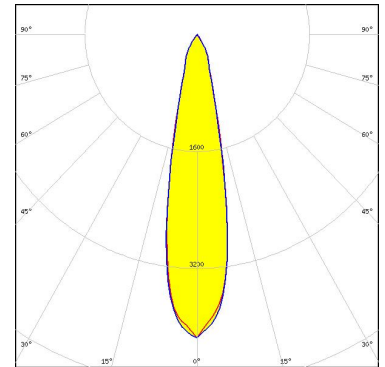
LED CXA/B 15xx  
 FWHM / FWTM 16.0° / 32.0°  
 Efficiency 88 %  
 Peak intensity 7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



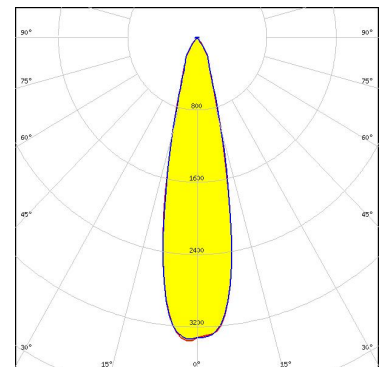
LED CXA/B 1830  
 FWHM / FWTM 22.0° / 47.0°  
 Efficiency 87 %  
 Peak intensity 4.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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/type White  
 Required components:

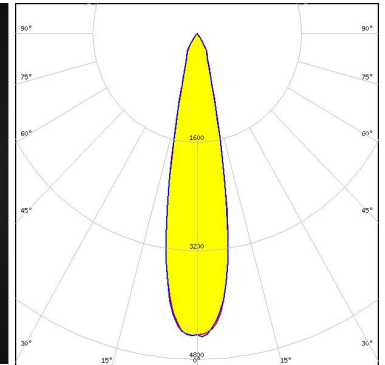


Light distribution files

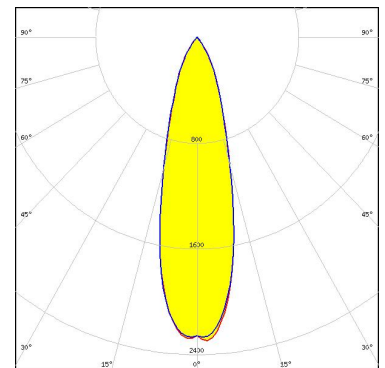
#### OPTICAL RESULTS (SIMULATED):



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/type White  
 Required components:



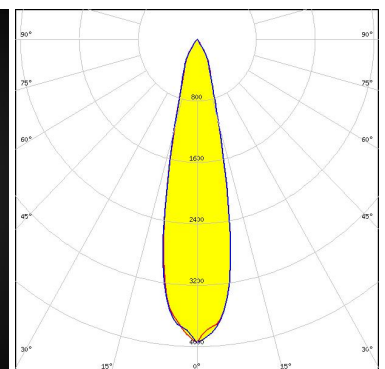
LED LUXEON CoB 1208  
 FWHM / FWTM 28.0° / 60.0°  
 Efficiency 74 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C17098\_ALISE-70-DL



Light distribution files



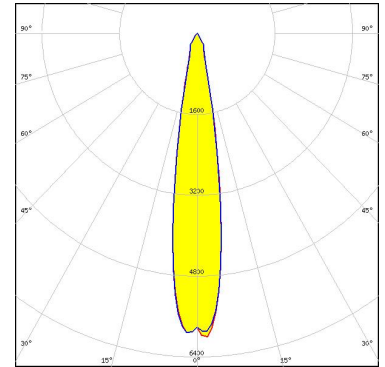
LED LUXEON CoB 1208  
 FWHM / FWTM 24.0° / 50.0°  
 Efficiency 92 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



#### OPTICAL RESULTS (SIMULATED):

### SAMSUNG

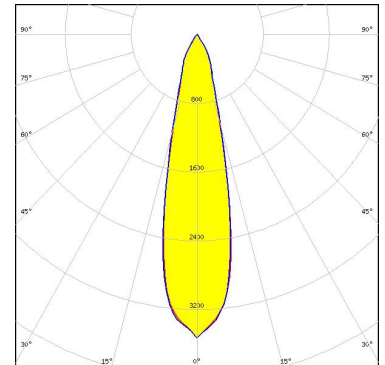
LED	LC003D / LC006D / LC009D / LC013D
FWHM / FWTM	18.0° / 34.0°
Efficiency	88 %
Peak intensity	6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

### SAMSUNG

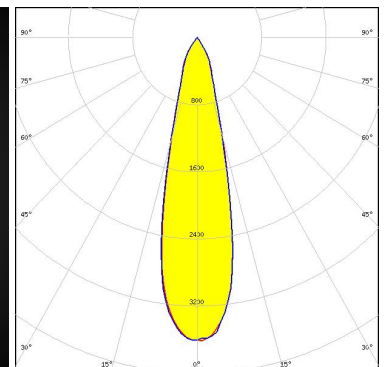
LED	LC016D / LC019D / LC026D / LC033D
FWHM / FWTM	24.0° / 54.0°
Efficiency	86 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	




Light distribution files

### SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
FWHM / FWTM	26.0° / 54.0°
Efficiency	91 %
Peak intensity	3.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

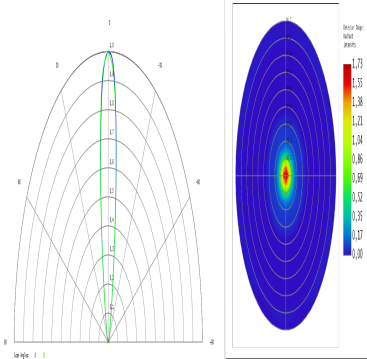


### OPTICAL RESULTS (SIMULATED):

 SEOUL SEMICONDUCTOR	
LED	WICOP DY9560-27
FWHM / FWTM	18.0° / 34.0°
Efficiency	89 %
LEDs/each optic	24
Light colour/type	UV-C
Required components:	

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

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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