

## ALISE-50-M

~24° medium beam

### SPECIFICATION:

Dimensions	Ø 49.9 mm
Height	25 mm
ROHS compliant	yes ⓘ

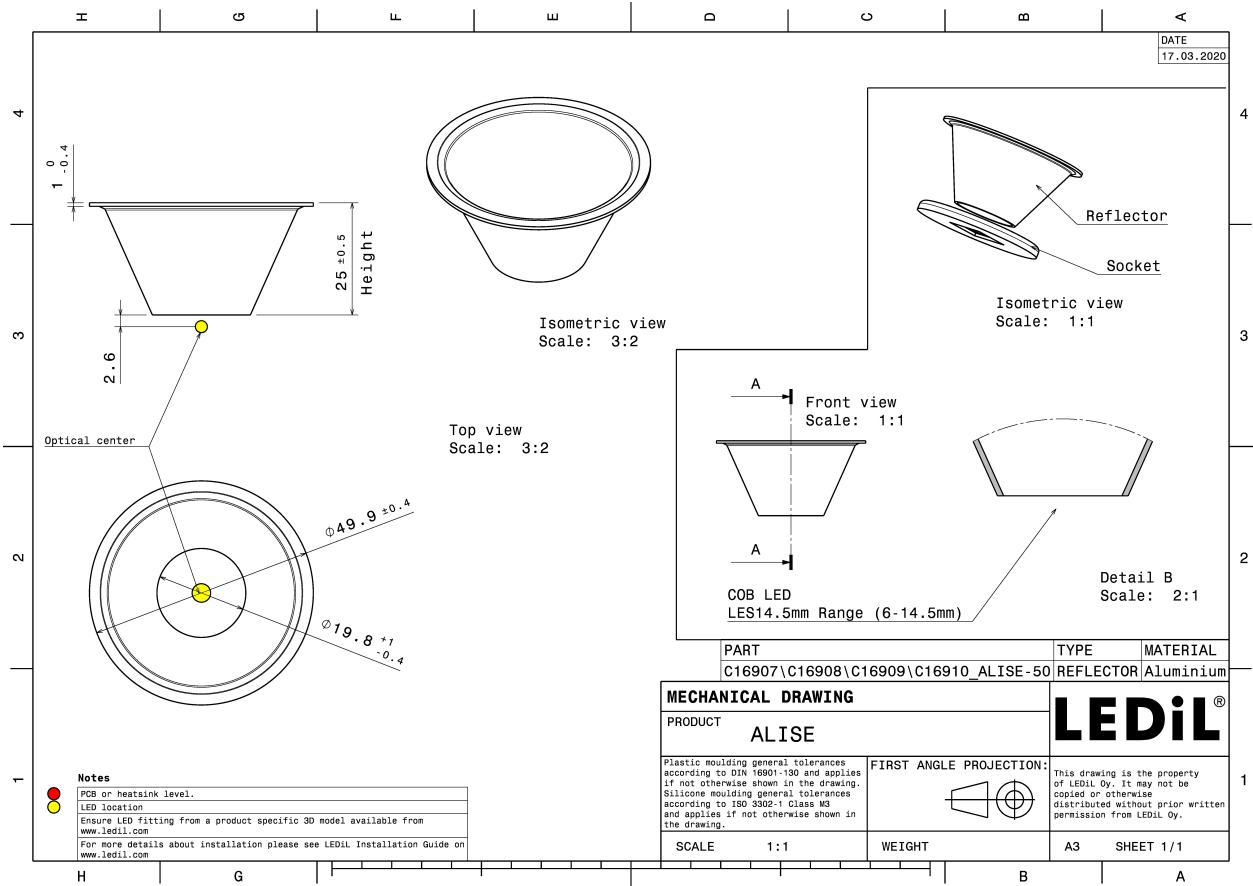
### MATERIALS:

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

### ORDERING INFORMATION:


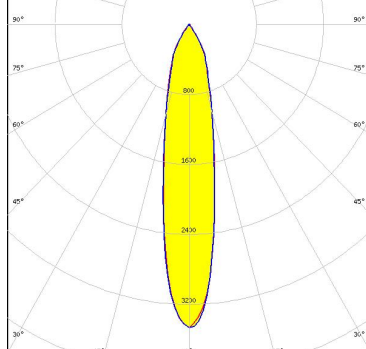
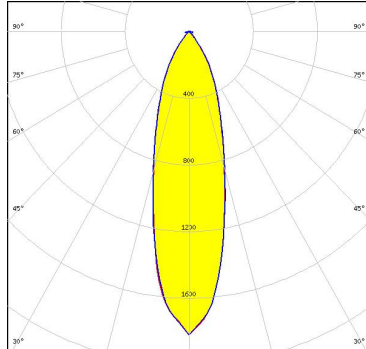
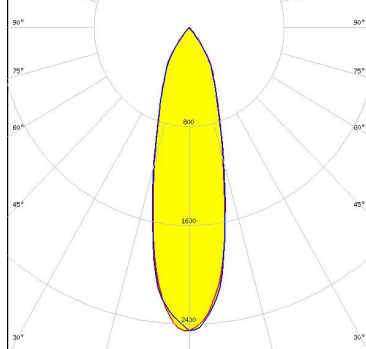
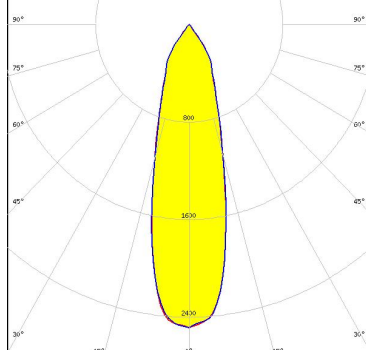
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16908_ALISE-50-M » Box size: 370 x 320 x 210 mm	750	100	25	6.1





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

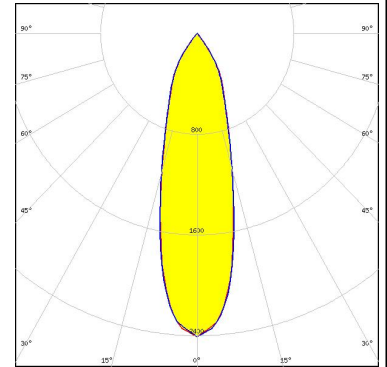
#### OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED: Vero SE 10            FWHM / FWTM: 20.0° / 59.0°            Efficiency: 86 %            Peak intensity: 3.5 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CITIZEN</b></p> <p>LED: CLL02x/CLU02x (LES10)            FWHM / FWTM: 28.0° / 68.0°            Efficiency: 73 %            Peak intensity: 1.8 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            C17099_ALISE-50-DL</p>	
<p><b>CITIZEN</b></p> <p>LED: CLL02x/CLU02x (LES10)            FWHM / FWTM: 28.0° / 68.0°            Efficiency: 90 %            Peak intensity: 2.5 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CITIZEN</b></p> <p>LED: CLL02x/CLU02x (LES10)            FWHM / FWTM: 28.0° / 70.0°            Efficiency: 90 %            Peak intensity: 2.5 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

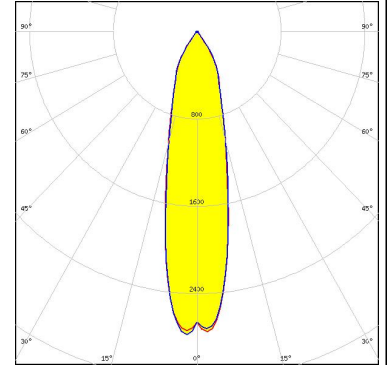
##### CREE LED

LED CMT14xx  
 FWHM / FWTM 28.0° / 68.0°  
 Efficiency 90 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



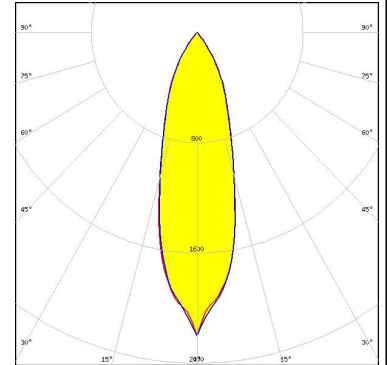
##### CREE LED

LED CXA/B 15xx  
 FWHM / FWTM 24.0° / 66.0°  
 Efficiency 87 %  
 Peak intensity 2.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



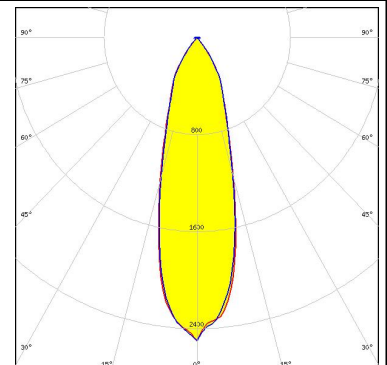
##### CREE LED

LED CXA/B 1830  
 FWHM / FWTM 30.0° / 68.0°  
 Efficiency 83 %  
 Peak intensity 2.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### LUMILEDS

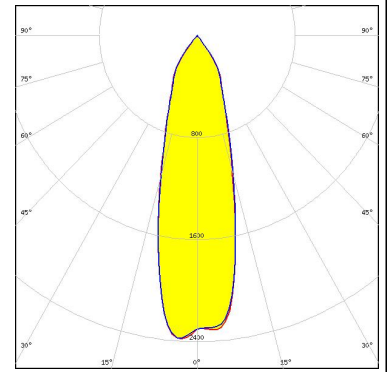
LED LUXEON CoB 1202/1203  
 FWHM / FWTM 29.0° / 68.0°  
 Efficiency 96 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (SIMULATED):

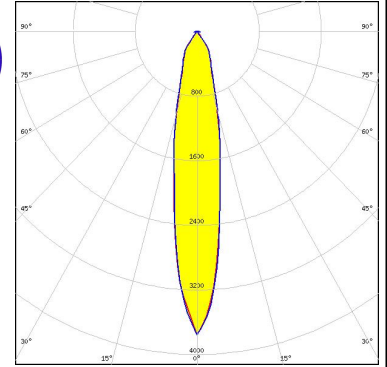
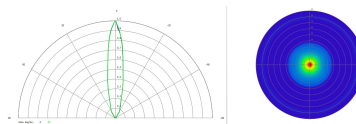
#### LUMILEDS

LED LUXEON CoB 1202s  
 FWHM / FWTM 29.0° / 70.0°  
 Efficiency 90 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### LUMINUS

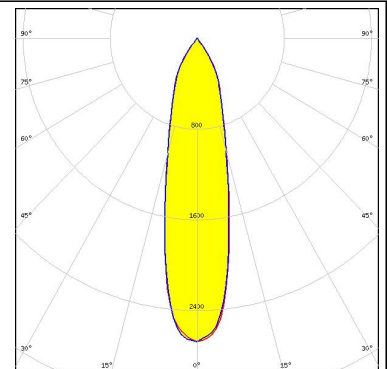
LED XFM-5050 4 Die  
 FWHM / FWTM 20.0° / 54.0°  
 Efficiency 89 %  
 LEDs/each optic 1  
 Light colour UV-C  
 Required components:



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

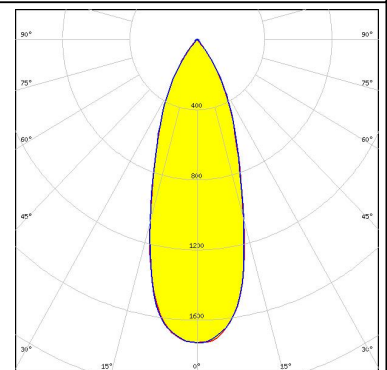
#### SAMSUNG

LED LC003D / LC006D / LC009D / LC013D  
 FWHM / FWTM 25.0° / 66.0°  
 Efficiency 86 %  
 Peak intensity 2.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

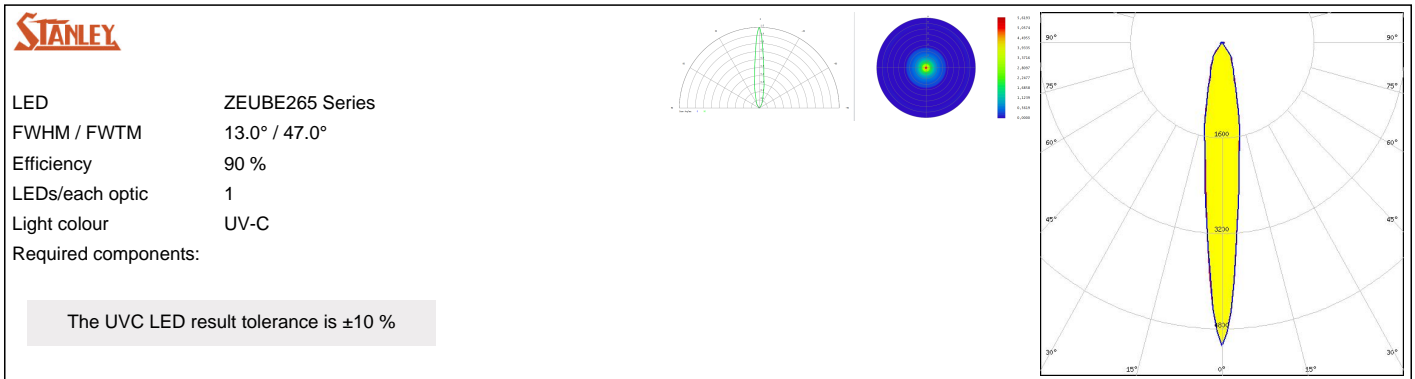
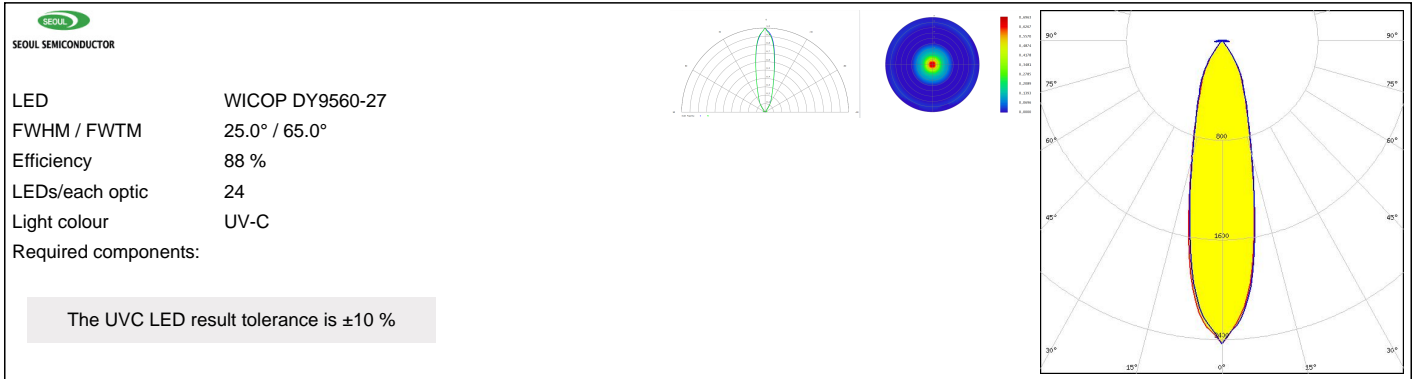


#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 FWHM / FWTM 36.0° / 70.0°  
 Efficiency 83 %  
 Peak intensity 1.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### 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.

### 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)