

## ALISE-50-S

~15° spot beam

### SPECIFICATION:

Dimensions	Ø 49.9 mm
Height	25 mm
ROHS compliant	yes ⓘ

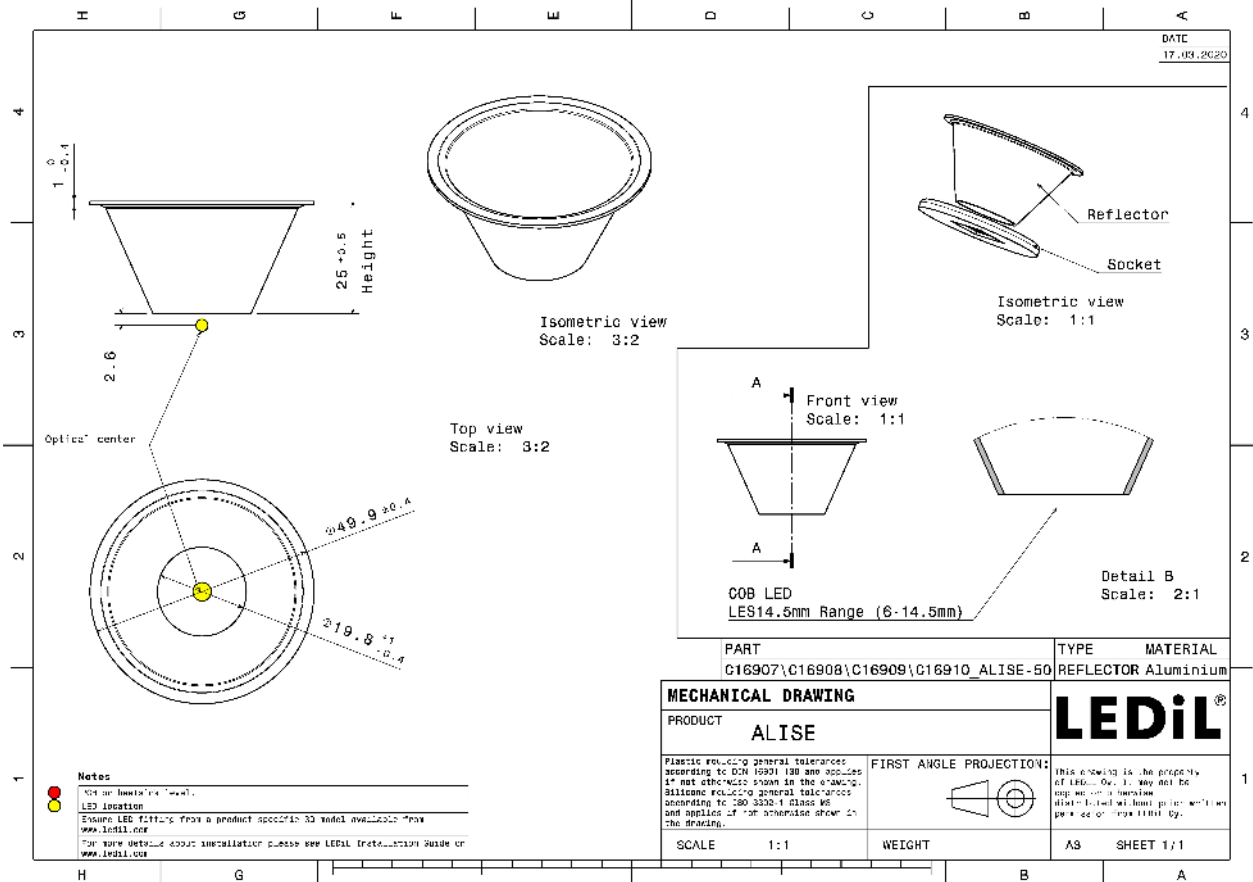
### MATERIALS:

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

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16907_ALISE-50-S » Box size: 370 x 320 x 210 mm	750	100	25	5.8





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


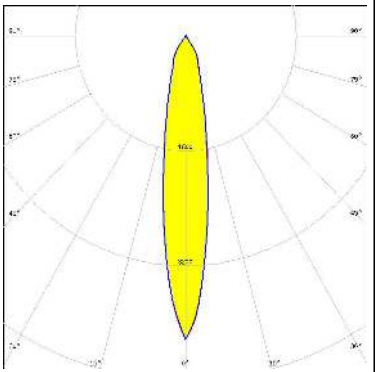
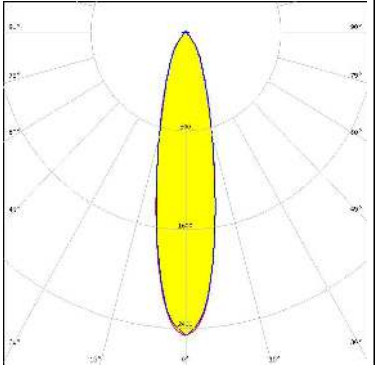

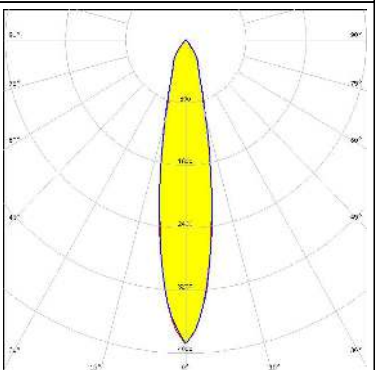

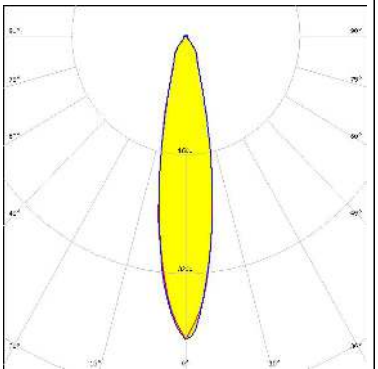
## OPTICAL RESULTS (MEASURED):



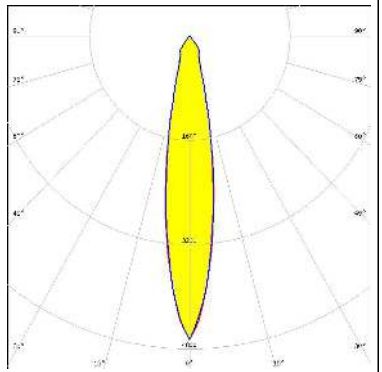
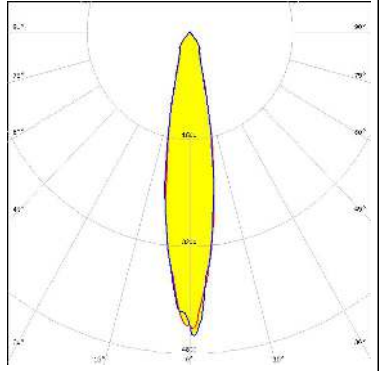
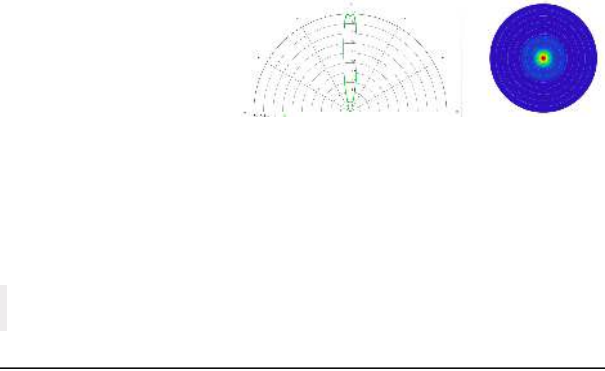
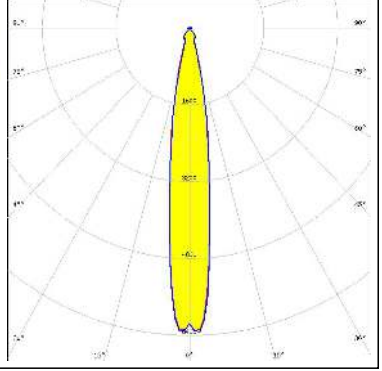
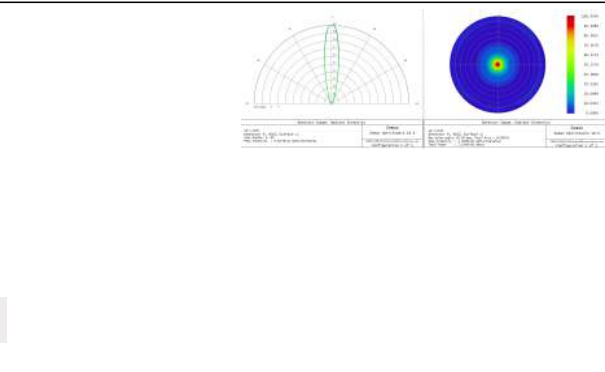
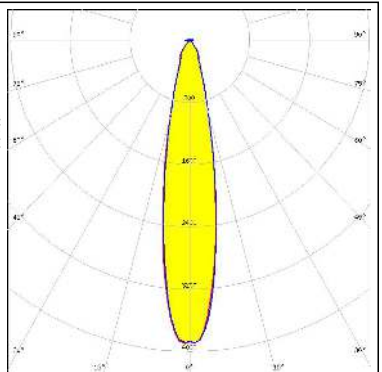
LED	ZEUBE265 Series
FWHM / FWTM	9.0° / 46.0°
Efficiency	70 %
LEDs/each optic	1
Light colour	UV-C
Required components:	

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

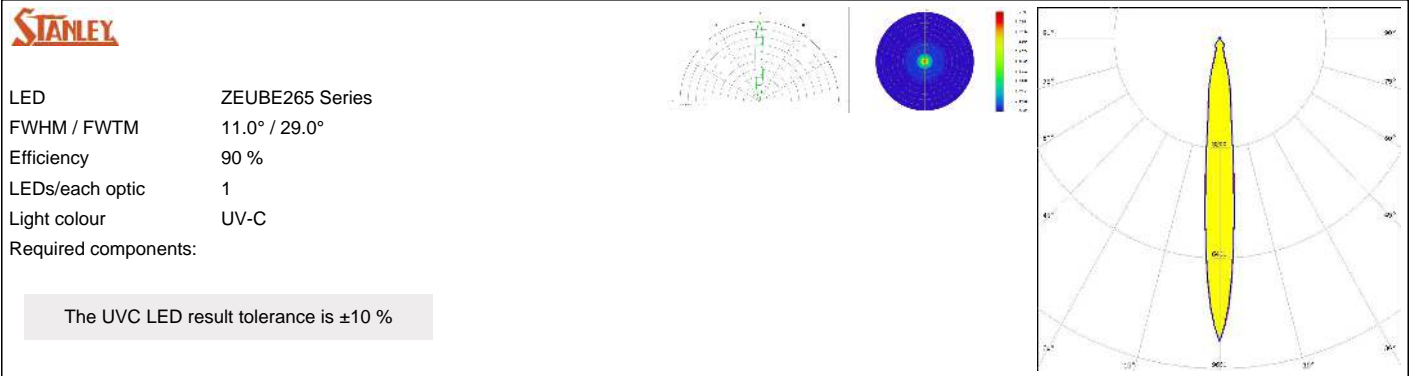
### OPTICAL RESULTS (SIMULATED):

<p> LED: Vero SE 10 FWHM / FWTM: 18.0° / 50.0° Efficiency: 87 % Peak intensity: 4.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p><b>CITIZEN</b> LED: CLL02x/CLU02x (LES10) FWHM / FWTM: 22.0° / 60.0° Efficiency: 73 % Peak intensity: 2.5 cd/lm LEDs/each optic: 1 Light colour: White Required components: C17099_ALISE-50-DL</p>	
<p> LED: CMT14xx FWHM / FWTM: 10.0° / 52.0° Efficiency: 90 % Peak intensity: 3.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p> LED: LUXEON CoB 1202/1203 FWHM / FWTM: 21.0° / 49.0° Efficiency: 97 % Peak intensity: 4.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

### OPTICAL RESULTS (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED: LUXEON CoB 1202s            FWHM / FWTM: 19.0° / 42.0°            Efficiency: 91 %            Peak intensity: 4.7 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED: LUXEON CoB Compact            FWHM / FWTM: 19.0° / 43.0°            Efficiency: 91 %            Peak intensity: 4.8 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>LUMINUS</b></p> <p>LED: XFM-5050 4 Die            FWHM / FWTM: 16.0° / 32.0°            Efficiency: 90 %            LEDs/each optic: 1            Light colour: UV-C            Required components:</p> <p>The UVC LED result tolerance is ±10 %</p>		
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED: WICOP DY9560-27            FWHM / FWTM: 21.0° / 44.0°            Efficiency: 90 %            LEDs/each optic: 24            Light colour: UV-C            Required components:</p> <p>The UVC LED result tolerance is ±10 %</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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