

## 产品规格书 Product Datasheet

型号 Model: Rb-LD-101-0.217X160Y01

产品类型 Lens Type: 物像双侧远心 / Dual Telecentric

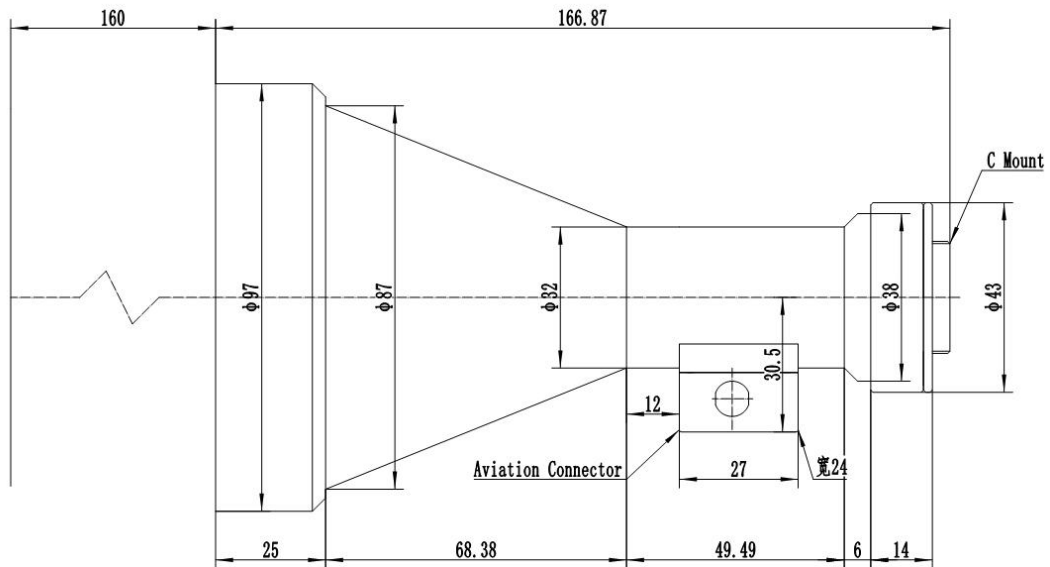
性能参数 Spec Parameters:

最大像圆 Max. Image Circle / mm	Ø 18.4
兼容靶面 Compatible Sensor Size	1.1
光圈 Aperture F#	6.5
景深 Depth of Field / mm	4 (WD=120mm)
远心度 Telecentricity / °	≤0.02 (WD: 120mm)
畸变 Distortion / %	≤0.02 (WD: 120mm)
接口 Mount	C
净重 Net Weight / g	643.9
连接头 Connector	Aviation Connector P7
对焦范围 Focusing Range/mm	20-280
建议使用范围 Suggest Using Range/mm	140-189
*此范围内光学性能变化较小，成像质量较高	
工作温度 Operating Temperature	-10°C~+50°C
存储温度 Storage Temperature	-20°C~+60°C

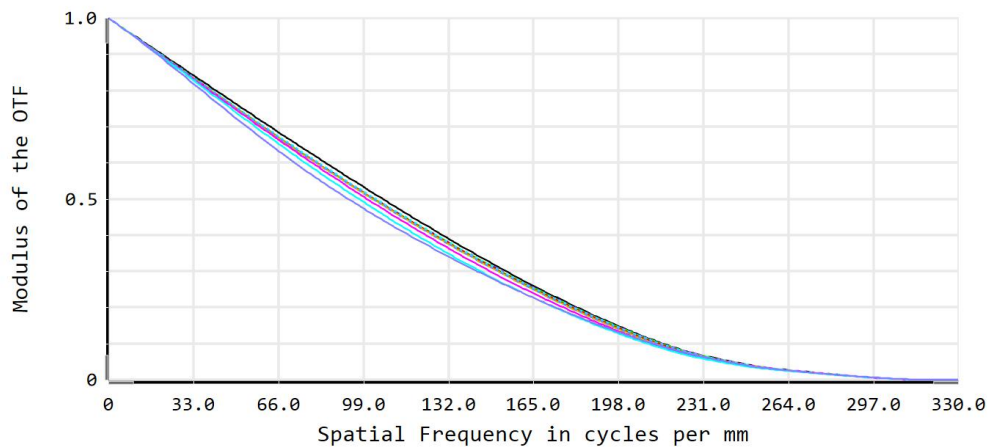
备注：不同物距下景深不同

# 外形尺寸 Mechanical Size

Unit: mm



# MTF Diagram



<input checked="" type="checkbox"/> --- Diff. Limit-Tangential	<input checked="" type="checkbox"/> --- Diff. Limit-Sagittal	<input checked="" type="checkbox"/> --- 0.00 mm-Tangential	<input checked="" type="checkbox"/> --- 0.00 mm-Sagittal	<input checked="" type="checkbox"/> --- 4.29 mm-Tangential
<input checked="" type="checkbox"/> --- 4.29 mm-Sagittal	<input checked="" type="checkbox"/> --- 12.86 mm-Tangential	<input checked="" type="checkbox"/> --- 12.86 mm-Sagittal	<input checked="" type="checkbox"/> --- 21.43 mm-Tangential	<input checked="" type="checkbox"/> --- 21.43 mm-Sagittal
<input checked="" type="checkbox"/> --- 30.29 mm-Tangential	<input checked="" type="checkbox"/> --- 30.29 mm-Sagittal	<input checked="" type="checkbox"/> --- 37.11 mm-Tangential	<input checked="" type="checkbox"/> --- 37.11 mm-Sagittal	<input checked="" type="checkbox"/> --- 42.85 mm-Tangential
<input checked="" type="checkbox"/> --- 42.85 mm-Sagittal				

Polychromatic Diffraction MTF	
2024/1/17 Data for 0.4860 to 0.6560 μm. Surface: Image	Zemax Zemax OpticStudio 17
Legend items refer to Field positions	LD-101-0.217X160Y01-ND.ZMX Configuration 1 of 1