

## 产品规格书 Product Datasheet

型号 Model: Rb-LD-101-0.243X120Y01

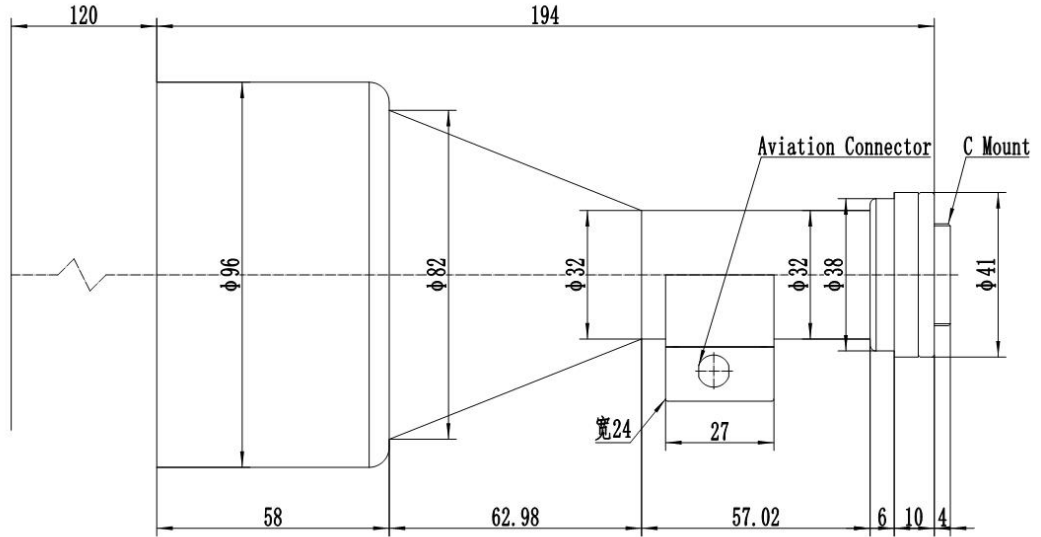
产品类型 Lens Type: 液态远心 / Liquid Telecentric

性能参数 Spec Parameters:

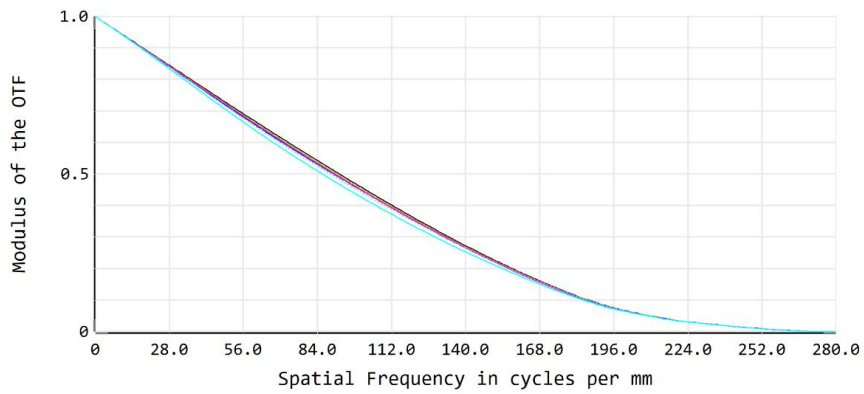
最大像圆 Max. Image Circle / mm	Ø 18.4
兼容靶面 Compatible Sensor Size	1.1
光圈 Aperture F#	7.5
景深 Depth of Field / mm	8
远心度 Telecentricity / °	≤0.02 (WD: 120mm)
畸变 Distortion / %	≤0.016 (WD: 120mm)
接口 Mount	C
净重 Net Weight / g	900
连接头 Connector	Aviation Connector P7
对焦范围 Focusing Range/mm	80-210
建议使用范围 Suggest Using Range/mm	110-130
*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

# 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"/> 0.0000 mm-Tangential	<input checked="" type="checkbox"/> 0.0000 mm-Sagittal
<input checked="" type="checkbox"/> 2.7900 mm-Tangential	<input checked="" type="checkbox"/> 2.7900 mm-Sagittal	<input checked="" type="checkbox"/> 4.6500 mm-Tangential	<input checked="" type="checkbox"/> 4.6500 mm-Sagittal
<input checked="" type="checkbox"/> 6.5750 mm-Tangential	<input checked="" type="checkbox"/> 6.5750 mm-Sagittal	<input checked="" type="checkbox"/> 8.0500 mm-Tangential	<input checked="" type="checkbox"/> 8.0500 mm-Sagittal
<input checked="" type="checkbox"/> 9.3000 mm-Tangential	<input checked="" type="checkbox"/> 9.3000 mm-Sagittal		

Polychromatic Diffraction MTF	
2022/11/3 Data for 0.4860 to 0.6560 $\mu\text{m}$ . Surface: Image	Zemax Zemax OpticStudio 19.4
Legend items refer to Field positions	LD-101-0.243X120Y01.zmx Configuration 1 of 1