

## 产品规格书 Product Datasheet

**型号 Model:** Rb-LD-101-0.4X110Y01

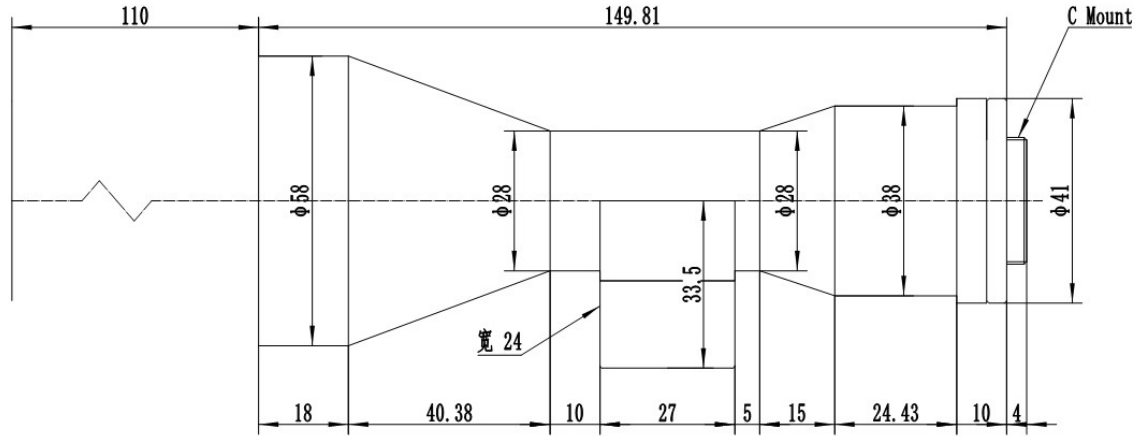
**产品类型 Lens Type:** 液态远心 / Liquid Telecentric Lens

**性能参数 Spec Parameters:**

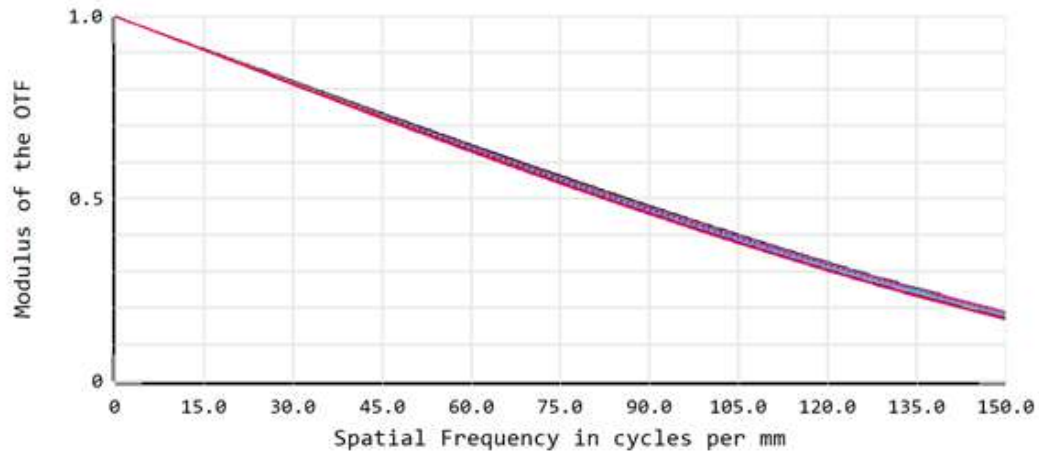
最大像圆 Max. Image Circle / mm	Ø 18.5
兼容靶面 Compatible Sensor Size	1.1"
光圈 Aperture F#	8
景深 Depth of Field / mm	3 (WD=110mm)
远心度 Telecentricity /°	≤0.03 (WD: 110mm)
畸变 Distortion/%	≤0.03 (WD: 110mm)
接口 Mount	C
净重 Net Weight / g	360
连接头 Connector	Aviation Connector P4
对焦范围 Focusing Range/mm	20~180
建议使用范围 Suggest Using Range/mm *此范围内光学性能变化较小，成像质量较高	100~120
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



— 0.00 mm-Tangential	--- 0.00 mm-Sagittal	— 2.45 mm-Tangential
--- 2.45 mm-Sagittal	— 4.90 mm-Tangential	--- 4.90 mm-Sagittal
--- 7.35 mm-Tangential	--- 7.35 mm-Sagittal	--- 9.80 mm-Tangential
--- 12.25 mm-Tangential	--- 12.25 mm-Sagittal	--- 14.70 mm-Tangential
--- 17.32 mm-Tangential	--- 17.32 mm-Sagittal	--- 21.22 mm-Tangential
--- 24.50 mm-Tangential	--- 24.50 mm-Sagittal	

Polychromatic Diffraction MTF	
2022/7/12 Data for 0.4860 to 0.6560 $\mu\text{m}$ . Surface: Image	Zemax Zemax OpticStudio 17
Legend items refer to Field positions	0.4X110液态.ZMX Configuration 1 of 1