

产品规格书 Product Datasheet

型号 Model: Rb-LD-101-0.5X110Y01

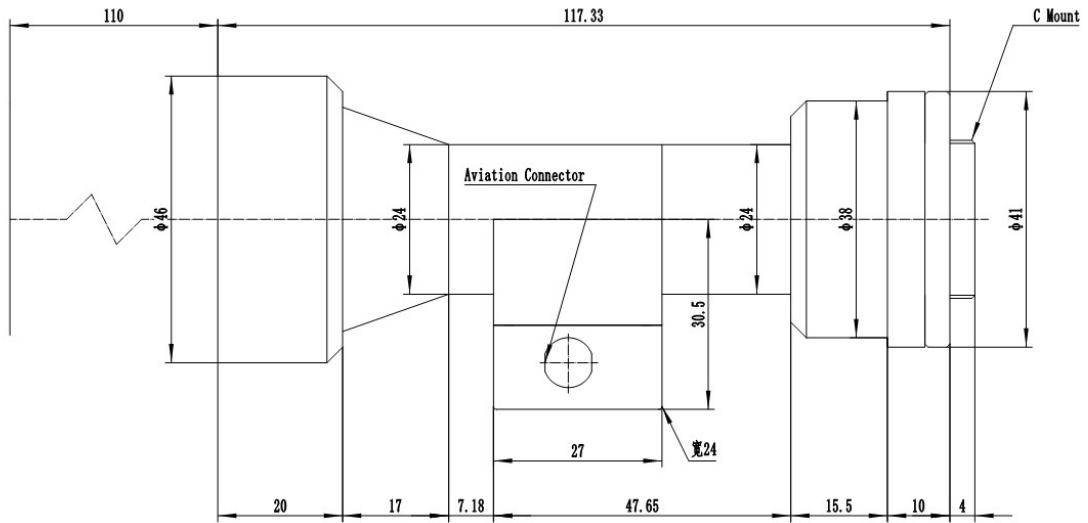
产品类型 Lens Type: 液态远心 / Liquid Telecentric Lens

性能参数 Spec Parameters:

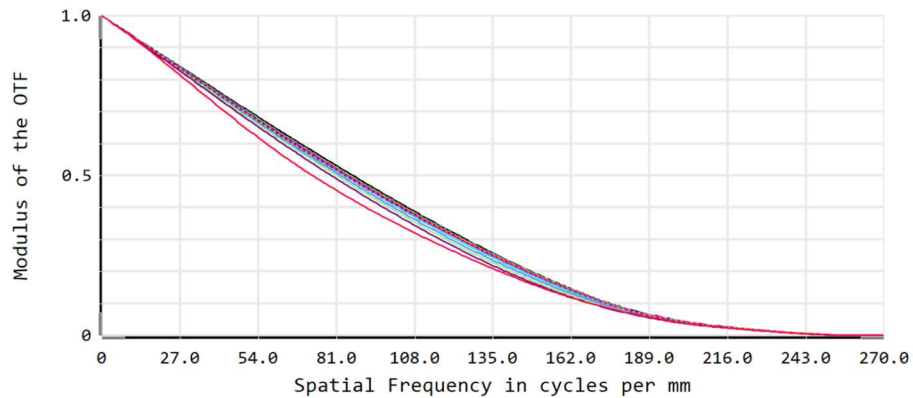
最大像圆 Max. Image Circle / mm	Ø 18.5
兼容靶面 Compatible Sensor Size	1.1"
光圈 Aperture F#	8
景深 Depth of Field / mm	2(WD=120mm)
远心度 Telecentricity / °	≤0.03 (WD: 120mm)
畸变 Distortion / %	≤0.03 (WD: 120mm)
接口 Mount	C
净重 Net Weight / g	234.9
连接头 Connector	Aviation Connector P7
对焦范围 Focusing Range/mm	70-140
建议使用范围 Suggest Using Range/mm	100-120
*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"/> --- 0.00 mm-Tangential	<input checked="" type="checkbox"/> --- 0.00 mm-Sagittal	<input checked="" type="checkbox"/> --- 1.86 mm-Tangential
<input checked="" type="checkbox"/> --- 1.86 mm-Sagittal	<input checked="" type="checkbox"/> --- 3.72 mm-Tangential	<input checked="" type="checkbox"/> --- 3.72 mm-Sagittal	<input checked="" type="checkbox"/> --- 5.58 mm-Tangential	<input checked="" type="checkbox"/> --- 5.58 mm-Sagittal
<input checked="" type="checkbox"/> --- 7.44 mm-Tangential	<input checked="" type="checkbox"/> --- 7.44 mm-Sagittal	<input checked="" type="checkbox"/> --- 9.30 mm-Tangential	<input checked="" type="checkbox"/> --- 9.30 mm-Sagittal	<input checked="" type="checkbox"/> --- 11.16 mm-Tangential
<input checked="" type="checkbox"/> --- 11.16 mm-Sagittal	<input checked="" type="checkbox"/> --- 13.15 mm-Tangential	<input checked="" type="checkbox"/> --- 13.15 mm-Sagittal	<input checked="" type="checkbox"/> --- 16.11 mm-Tangential	<input checked="" type="checkbox"/> --- 16.11 mm-Sagittal
<input checked="" type="checkbox"/> --- 18.60 mm-Tangential	<input checked="" type="checkbox"/> --- 18.60 mm-Sagittal			

Polychromatic Diffraction MTF	
2023/9/9 Data for 0.4860 to 0.6560 μm . Surface: Image	Zemax Zemax OpticStudio 17
Legend items refer to Field positions	LD-101-0.5X110Y01.ZMX Configuration 1 of 1