

产品规格书 Product Datasheet

型号 Model: Rb-LD-101-0.3X160Y01

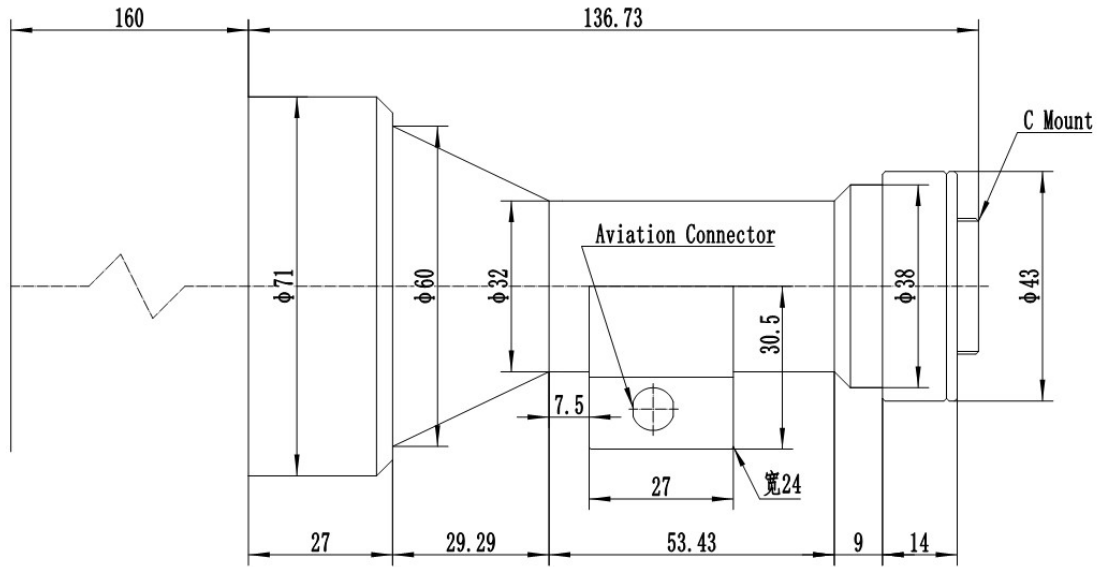
产品类型 Lens Type: 物像双侧远心 / Dual Telecentric

性能参数 Spec Parameters:

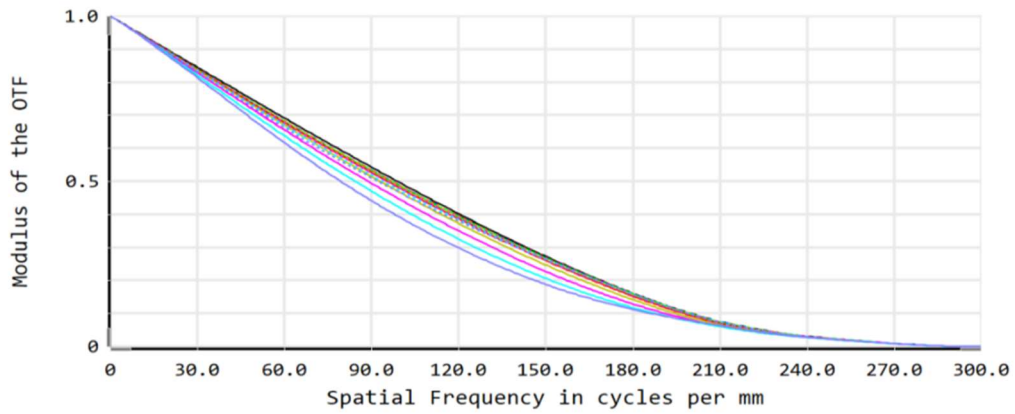
最大像圆 Max. Image Circle / mm	Ø 18.5
兼容靶面 Compatible Sensor Size	1.1"
光圈 Aperture F#	7
景深 Depth of Field / mm	3 (WD=160mm)
远心度 Telecentricity / °	≤0.03 (WD: 160mm)
畸变 Distortion / %	≤0.02 (WD: 160mm)
接口 Mount	C
净重 Net Weight / g	462.5g
连接头 Connector	Aviation Connector P7
分辨率 (物方) / Resolution (Object space) /um	11.0375
对焦范围 Focusing Range/mm	80 ~ 240
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	140 ~ 180
输入电压 Input voltage	DC5V-12V
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"/> 3.10 mm-Tangential
<input checked="" type="checkbox"/> 3.10 mm-Sagittal	<input checked="" type="checkbox"/> 9.30 mm-Tangential	<input checked="" type="checkbox"/> 9.30 mm-Sagittal	<input checked="" type="checkbox"/> 15.50 mm-Tangential	<input checked="" type="checkbox"/> 15.50 mm-Sagittal
<input checked="" type="checkbox"/> 21.92 mm-Tangential	<input checked="" type="checkbox"/> 21.92 mm-Sagittal	<input checked="" type="checkbox"/> 26.85 mm-Tangential	<input checked="" type="checkbox"/> 26.85 mm-Sagittal	<input checked="" type="checkbox"/> 31.00 mm-Tangential
<input checked="" type="checkbox"/> 31.00 mm-Sagittal				

Polychromatic Diffraction MTF	
2023/10/27 Data for 0.4860 to 0.6560 μm . Surface: Image	Zemax Zemax OpticStudio 17
Legend items refer to Field positions	LD-101-0.3X160Y01-ND.zmx Configuration 1 of 1