

产品规格书 Product Datasheet

型号 Model: Rb-LD-101-0.24X160Y01

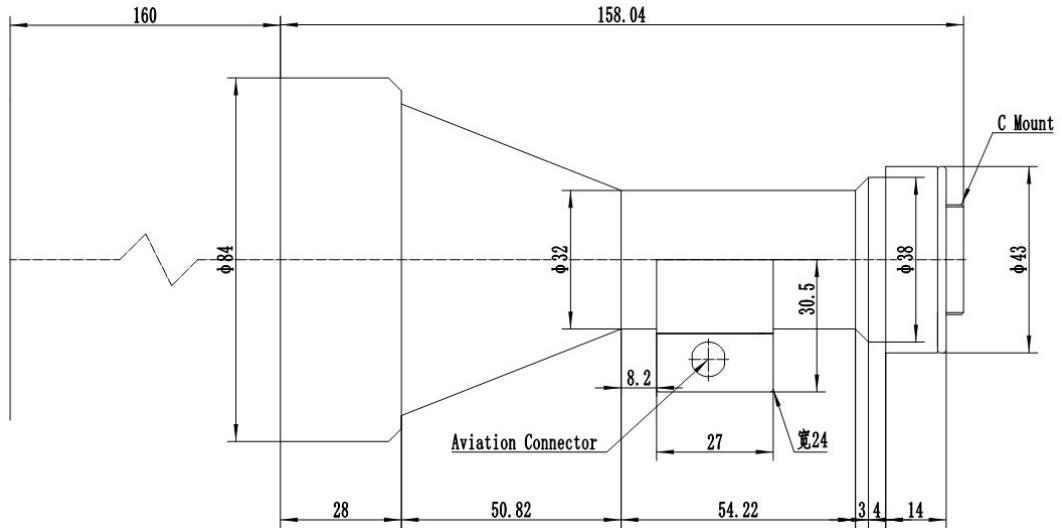
产品类型 Lens Type: 物像双侧远心 / Dual Telecentric

性能参数 Spec Parameters:

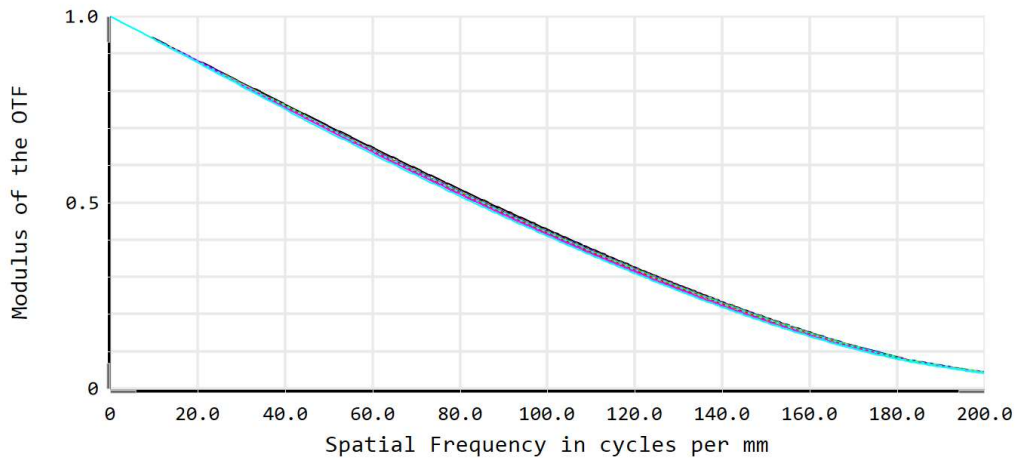
最大像圆 Max. Image Circle / mm	Ø 17.6
兼容靶面 Compatible Sensor Size	1.1"
光圈 Aperture F#	8
景深 Depth of Field / mm	3.5(WD=160mm)
远心度 Telecentricity / °	≤0.01 (WD: 160mm)
畸变 Distortion / %	≤0.02 (WD: 160mm)
接口 Mount	C
净重 Net Weight / g	571g
连接头 Connector	Aviation Connector P7
分辨率 (物方) / Resolution (Object space) /um	13.889
对焦范围 Focusing Range/mm	130-195
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	150-180
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



Diff. Limit-Tangential	Diff. Limit-Sagittal	0.0000 mm-Tangential	0.0000 mm-Sagittal
2.6700 mm-Tangential	2.6700 mm-Sagittal	4.4500 mm-Tangential	4.4500 mm-Sagittal
6.2920 mm-Tangential	6.2920 mm-Sagittal	7.7070 mm-Tangential	7.7070 mm-Sagittal
8.9800 mm-Tangential	8.9800 mm-Sagittal		

Polychromatic Diffraction MTF	
2024/1/22 Data for 0.4860 to 0.6560 μm . Surface: Image	Zemax Zemax OpticStudio 17
Legend items refer to Field positions	LD-101-0.24X160Y01-ND.ZMX Configuration 1 of 1