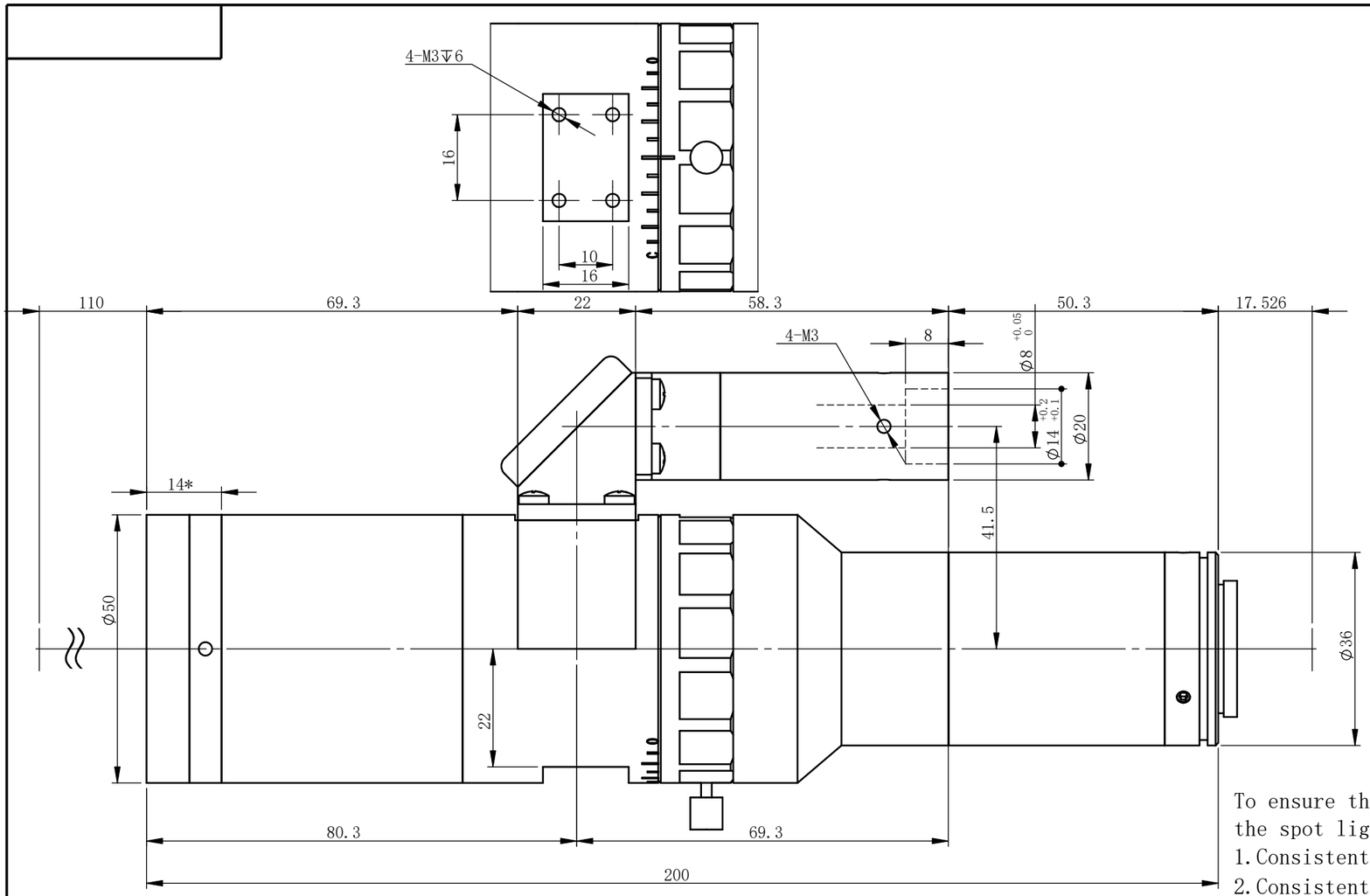
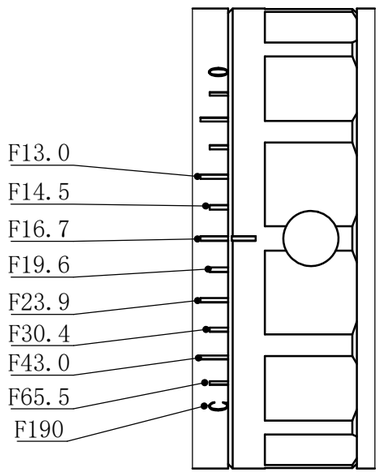


XF-10MDT3X110DZM-1.1C-VI

Specification

Optical structure	Telecentric
Magnification	3
Object field of view	Φ5.9mm
Image field of view	Φ17.6mm
Working Distance	110mm±3%
Telecentricity	<0.07°
Depth of field	0.14—2.4mm
F#	F12.4—190
Resolution	2.8—41.8μm
MTF	>0.3@80—4.6lp/mm
Distortion	<0.048%
Detector type：	
1.1' 14.2×10.4	4.7×3.5mm
1' 13.1×8.8	4.4×2.9mm
2/3' 8.45×7.07	2.8×2.4mm
1/2' 6.4×4.8	2.1×1.6mm



To ensure the illumination consistency and performance of the coxial lights, the spot light has to meet below requirements:
1.Consistent & Efficient lighting area ≥φ6mm
2.Consistent & Efficient lighting angle ≥±13° (NA is about 0.22)

Recommended spot light:
1. LED spot light
Model:XF-ADXML3(W/R/G/B)
Matched Digital Controller:HGDC-5V3W-H2
Max Current: 1A(Steady) 2.5A(Strobe)
Voltage:3.5V
2.Fiber spot light
Light model:BX-OFPL-8-150W-W
Fiber head model:BX-OPF-6-6-2M
Max Current: 7A(Steady) 20A(Strobe)
Voltage:24V

* DON'T HOLD THIS AREA

Undefined tolerance(mm)		degree	File Name		
X.X	±0.2	±30min	XF-10MDT3X110DZM-1.1C-VI-外形尺寸-EN		
X.XX	±0.02		Drawing Name		
X.XXX	±0.005	Drawing Size：A3			
	Sign	Data/Ver.	Material	Ratio	Product Name
Design				1.5:1	
Modify1			Qty		Canrill OPTICS
Modify2			Total:	Page:	CAN-RILL OPTICS

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