

**POMEAS 4/3" FA Lens Series:**  
12MP: PMS-35XC12M



**Product Introduction**

- ◆ High resolution.
- ◆ Multi layer coating, high transmittance, effective suppression of stray light.
- ◆ Large target area and wide field of vision.
- ◆ Anti vibration and anti impact function.

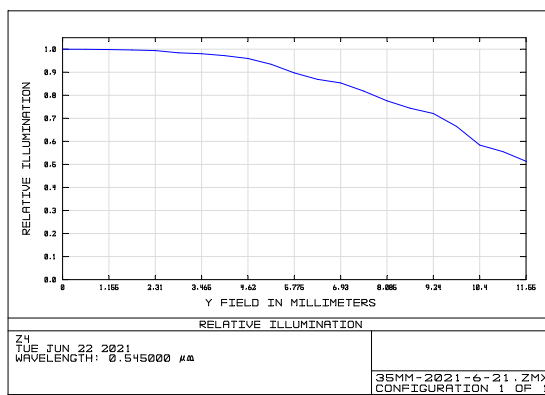
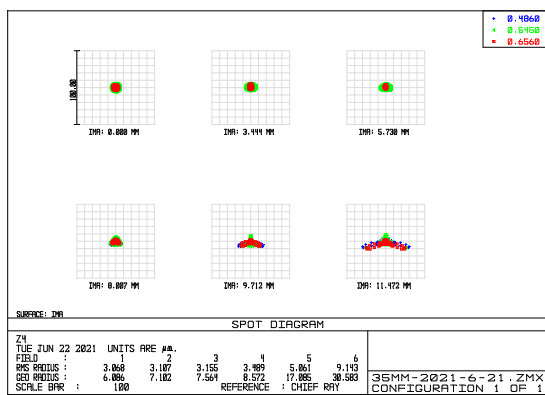
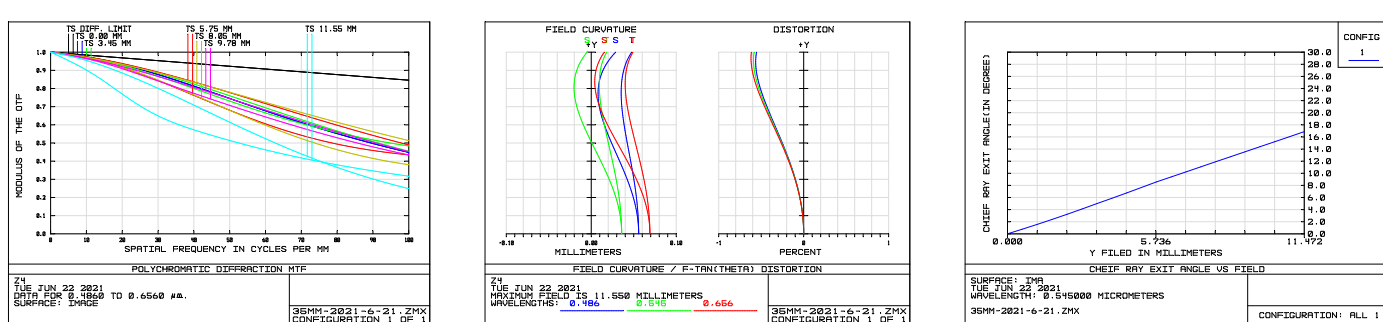
**Product Application**

Widely used in machine vision, production automation and other industries.

**PMS-35XC12M Product Parameter**

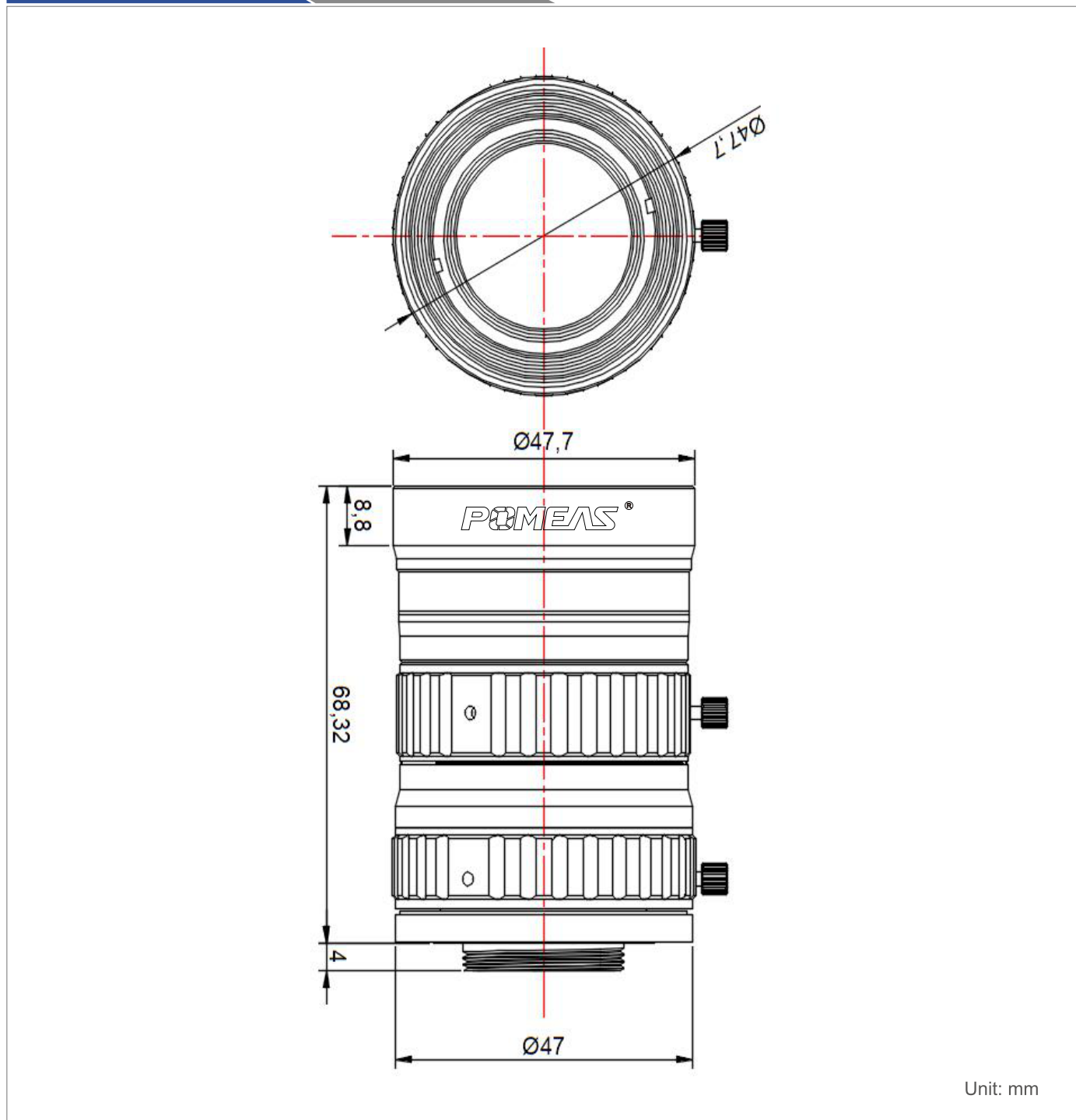
Model		PMS-35XC12M
Sensor Size		4/3"(23mm)
Wavelength		420~1000nm
Focal Length		35mm
Interface		C-Mount
Iris		F2.0-F22
FOV(Diagonal, Horizontal, Vertical)	4/3"	36.8°×29.7°×22.5°
	1"	26.0°×20.8°×15.8°
	1/2"	13.2°×10.6°×7.9°
Object Size(At the closest focusing distance)	4/3"	121.0×96.7×72.4mm
	1"	84.0×67.2×50.3mm
	1/2"	42.0×33.5×25.1mm
Back Focal Length (In Air)		18mm
Operation Mode	Focus	Manual
	Iris	Manual
Distortion	4/3"	-0.52%@y=11.5mm
	1"	-0.42%@y=8.0mm
	1/2"	-0.12%@y=4.0mm
Focus Range		0.2m~∞
Filter Thread Diameter		M46×P0.75
Weight		207g
Working Temperature		-20°C~+60°C

**PMS-35XC12M MTF Curve**



Working Distance	Magnification	FOV					
		4/3"		1"		2/3"	
		H(18mm)	V(13.5mm)	H(8.8mm)	V(6.6mm)	H(6.4mm)	V(4.8mm)
200mm	-0.19139X	96.56	72.42	47.20	35.40	34.33	25.75
250mm	-0.15031X	122.95	92.21	60.11	45.08	43.71	32.79
300mm	-0.12375X	149.34	112.00	73.01	54.76	53.10	39.82
350mm	-0.10516X	175.73	131.80	85.91	64.43	62.48	46.86
400mm	-0.09143X	202.12	151.59	98.81	74.11	71.86	53.90
450mm	-0.08087X	228.51	171.39	111.72	83.79	81.25	60.94
500mm	-0.0725X	254.91	191.18	124.62	93.47	90.63	67.97
550mm	-0.0657X	281.30	210.97	137.52	103.14	100.02	75.01
600mm	-0.06006X	307.70	230.78	150.43	112.82	109.41	82.05

**PMS-35XC12M Product Dimension**



Unit: mm

