

JC-CTH5XD-41-M58

Model No.	JC-CTH5XD-41-M58	To ensure uniform and effective coaxial illumination, the following performance requirements apply to point light sources: 1. Uniform, effective luminous area $\geq \phi 12\text{mm}$ 2. Uniform, effective luminous angle $\geq \pm 13^\circ$ (approximately NA 0.22)	
Optical Structure	Object Telecentric		
Magnifacation	5X		
Object FOV	$\Phi 8.2\text{mm}$		
Image FOV	$\Phi 41.0\text{mm}$		
Working Distance	65mm $\pm$ 3%		
Telecentricity	<0.14°		
Depth of Field	0.06-1.1mm		
F No.	F12.1-F236.7		
Resolution	1.7-31.3 μ m		
Image MTF	>0.3@80-4.5lp/mm		
Optical Distortion	<0.068%		
Measuring Range	Sensor Specification	Sensor Size	FOV
	71M	31mmx22mm	6.2mmx4.4mm
	2"	23mmx23mm	4.6mmx4.6mm
	7/4"	22.5mmx16.9mm	4.5mmx3.4mm
	2K Line Scan	2048x10 μ m	4.1mm
	4K Line Scan	4096x7 μ m	5.7mm
	8K Line Scan	8192x5 μ m	8.2mm

PRODUCT SIZE:(mm)

