



TC 16M 144

0,24x Telecentric Lens for 35mm-type and line Detectors (43 mm diagonal)



part number	TC 16M 144	
Magnification		0,245 +/- 3%
Field Of View	(mm)	
with 36 x 24 mm detector		147,1 x 98,1
with 8k x 5 µm detector		167,1
with 4k x 7 µm detector		117,0
with 2k x 10 µm detector		83,6
Working Distance	(mm)	398,0 +/- 12
Working F-number		16
Telecentricity typical (max)	(degree)	< 0,05 (0,08)
Distortion typical (max)	(%)	< 0,08 (0,20)
Field Depth	(mm)	19,0
CTF @50 lp/mm	(%)	> 40
Image side N.A.		0,031
Object side N.A.		0,008
Mount		F
Length	(mm)	597,8
External diameter	(mm)	200,0
Weight	(g)	7000

ACCESSORIES AND OPTIONS:



Collimated/Telecentric illumination:

Compatible with LTCL144 illuminator;
green light suggested.

Mechanical drawings:
see next page >>

