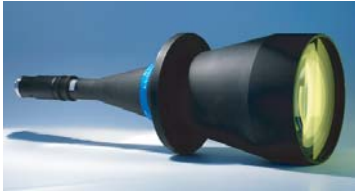


# TC 2M 144

## BI-TELECENTRIC LENS FOR 1" (16MM DIAGONAL) DETECTORS



<b>Model:</b>		<b>TC 2M 144 /C (/F)</b>
<b>Magnification (X):</b>		0,089 +/- 3%
<b>Object Field (mm):</b>	<i>Cypress IBIS4-6600:</i>	118,1 x 86,9
	<i>Kodak KAI 2020:</i>	133,1 x 99,8
	<i>Kodak KAI 2093:</i>	159,7 x 89,9
<b>Working Distance (mm):</b>		398,0 +/- 12
<b>Working F-number:</b>		16
<b>MTF @50 lp/mm (%):</b>		> 30 (*)
<b>Field Depth (mm):</b>		130,0 @ F/ 16
<b>Telecentricity (degree):</b>		< 0,1
<b>Distortion (%):</b>		< 0,1
<b>Mount:</b>		C (/C) or F (/F)
<b>Length (mm):</b>		567,1
<b>Maximum external diameter (mm):</b>		200,0
<b>Weigh (g):</b>		6900

(\*) Green or Red LED or pseudo monochromatic light highly recommended for optical specification improvement

### ACCESSORIES AND OPTIONS:



**Collimated/Telecentric illumination:**  
compatible with LTCL144 illuminator;  
green light suggested.



**Coaxial illumination:**  
not available.



**Back Light illumination:**  
Compatible with LTBK96 illuminator.



**Clamping Mechanics:**  
use the built-in holed flange to mount  
the lens.



**Direct illumination:**  
not available.



**Filters:**  
filters can be inserted in the rear part  
of the lens with the C-mount option.

