

# RT-TCL0750-FU

0.75x Telecentric lens with built-in coaxial illumination for detectors up to 1"

## SPECIFICATIONS

### Optical specifications

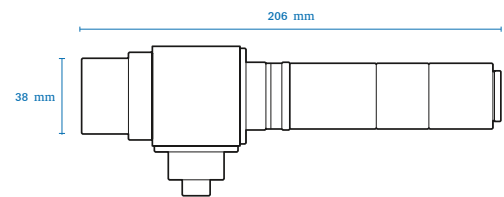
Magnification		0.75
Image circle Ø	(mm)	16
Max detector size		1"
Working distance	(mm)	60.7
wF/# 1		12 - 60
Distortion	(%)	-0.028
Field depth	(mm)	0.8
Nominal resolving power	(µm)	11

### Object field of view

with 1/3" detector (4.8 x 3.6 mm)	(mm x mm)	6.4 x 4.8
with 1/2.5" detector (5.70 x 4.28 mm)	(mm x mm)	7.6 x 5.7
with 1/2" detector (6.4 x 4.8 mm)	(mm x mm)	8.5 x 6.4
with 1/1.8" detector (7.13 x 5.37 mm)	(mm x mm)	9.5 x 7.2
with 2/3" - 5 MP detector (8.45 x 7.07 mm)	(mm x mm)	11.3 x 9.4
with KAI-04050 16 mm diagonal w x h 12.8 x 9.6	(mm x mm)	17.1 x 12.8

### Mechanical specifications

Mount		C
Length	(mm)	206.44
Diameter	(mm)	38
Mass	(g)	365
Focus lock screws		-
Iris lock screws		Yes



## NOTES

1. Working distance: distance between the front end of the mechanics and the object. Set this distance within +/- 3% of the nominal value for maximum resolution and minimum distortion.
2. F/# = F-number, wF/# = working F-number, the real F-number of a lens when used as a macro.

## COMPATIBLE PRODUCTS



<b>LT2RZF070-60-2-W-24V</b>	LED ringlight, 2 LED rows, 76.2 mm outer diameter, 60°, white, 24V
<b>LT2RZF070-60-2-R-24V</b>	LED ringlight, 2 LED rows, 76.2 mm outer diameter, 60°, red, 24V
<b>LT2RZF070-60-2-G-24V</b>	LED ringlight, 2 LED rows, 76.2 mm outer diameter, 60°, green, 24V
<b>LT2RZF070-60-2-B-24V</b>	LED ringlight, 2 LED rows, 76.2 mm outer diameter, 60°, blue, 24V



<b>LTZZO130-75-3-W-24V</b>	LED low angle ringlight, 3 LED rows, outer diameter 131 mm, 75°, white, 24V
<b>LTZZO130-75-3-R-24V</b>	LED low angle ringlight, 3 LED rows, outer diameter 131 mm, 75°, red, 24V
<b>LTZZO130-75-3-G-24V</b>	LED low angle ringlight, 3 LED rows, outer diameter 131 mm, 75°, green, 24V
<b>LTZZO130-75-3-B-24V</b>	LED low angle ringlight, 3 LED rows, outer diameter 131 mm, 75°, blue, 24V



<b>LTZGK050-15-2-W-24V</b>	LED ringlight, 2 LED rows, outer diameter 50 mm, 15°, white, 24V
<b>LTZGK050-15-2-R-24V</b>	LED ringlight, 2 LED rows, outer diameter 50 mm, 15°, red, 24V
<b>LTZGK050-15-2-G-24V</b>	LED ringlight, 2 LED rows, outer diameter 50 mm, 15°, green, 24V
<b>LTZGK050-15-2-B-24V</b>	LED ringlight, 2 LED rows, outer diameter 50 mm, 15°, blue, 24V

<b>LTZGK070-45-3-W-24V</b>	LED ringlight, 3 LED rows, outer diameter 70 mm, 45°, white, 24V
<b>LTZGK070-45-3-R-24V</b>	LED ringlight, 3 LED rows, outer diameter 70 mm, 45°, red, 24V
<b>LTZGK070-45-3-G-24V</b>	LED ringlight, 3 LED rows, outer diameter 70 mm, 45°, green, 24V
<b>LTZGK070-45-3-B-24V</b>	LED ringlight, 3 LED rows, outer diameter 70 mm, 45°, blue, 24V



<b>LTPVRG25X36-00-1-W-24V</b>	Flat side-emitting LED backlight, thin borders, 25X36 mm illumination area, white, 24V
<b>LTPVRG25X36-00-1-R-24V</b>	Flat side-emitting LED backlight, thin borders, 25X36 mm illumination area, red, 24V
<b>LTPVRG25X36-00-1-G-24V</b>	Flat side-emitting LED backlight, thin borders, 25X36 mm illumination area, green, 24V
<b>LTPVRG25X36-00-1-B-24V</b>	Flat side-emitting LED backlight, thin borders, 25X36 mm illumination area, blue, 24V



<b>LTZPFL040-00-6-W-24V</b>	LED bar light, 6 LED rows, 40X26.3 illumination area, white, 24V
<b>LTZPFL040-00-6-R-24V</b>	LED bar light, 6 LED rows, 40X26.3 illumination area, red, 24V
<b>LTZPFL040-00-6-G-24V</b>	LED bar light, 6 LED rows, 40X26.3 illumination area, green, 24V
<b>LTZPFL040-00-6-B-24V</b>	LED bar light, 6 LED rows, 40X26.3 illumination area, blue, 24V