

RT-TCL0400-F

0.4x Telecentric lens with built-in coaxial illumination for detectors up to 2/3"

SPECIFICATIONS

Magnification		0.4
Image circle Ø	(mm)	11
Max detector size		2/3"

Object field of view

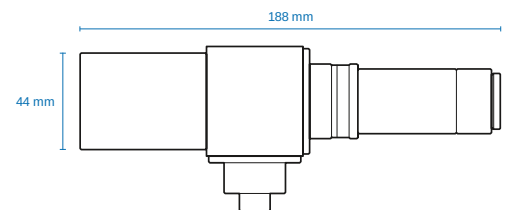
with 1/3" detector (4.8 x 3.6 mm)	(mm x mm)	12.0 x 9.0
with 1/2.5" detector (5.70 x 4.28 mm)	(mm x mm)	14.3 x 10.7
with 1/2" detector (6.4 x 4.8 mm)	(mm x mm)	16.0 x 12.0
with 1/1.8" detector (7.13 x 5.37 mm)	(mm x mm)	17.8 x 13.4
with 2/3" - 5 MP detector (8.45 x 7.07 mm)	(mm x mm)	21.1 x 17.7

Optical specifications

Working distance	(mm)	78.5
wF/# 1		8 - 40
Distortion	(%)	-0.015
Field depth	(mm)	2.1
Nominal resolving power	(µm)	15

Mechanical specifications

Mount		C
Length	(mm)	187.52
Diameter	(mm)	44
Mass	(g)	498
Focus lock screws		-
Iris lock screws		Yes



NOTES

1. F/# = F-number, wF/# = working F-number, the real F-number of a lens when used as a macro.

COMPATIBLE PRODUCTS

LTLAIC series

Continuous LED low angle diffused ringlights

RT-DLR2-60-070-2-W-24V-FL	Continuous LED low angle diffused ringlight, inner diameter 43 mm, 60°, white
RT-DLR2-60-070-2-R-24V-FL	Continuous LED low angle diffused ringlight, inner diameter 43 mm, 60°, red
RT-DLR2-60-070-2-G-24V-FL	Continuous LED low angle diffused ringlight, inner diameter 43 mm, 60°, green
RT-DLR2-60-070-2-B-24V-FL	Continuous LED low angle diffused ringlight, inner diameter 43 mm, 60°, blue

LTLADC series

Continuous LED low angle direct ringlights

RT-LLA-75-130-3-W-24V-FL	Continuous LED low angle direct ringlights, inner diameter 94 mm, 75°, white
RT-LLA-75-130-3-R-24V-FL	Continuous LED low angle direct ringlights, inner diameter 94 mm, 75°, red
RT-LLA-75-130-3-G-24V-FL	Continuous LED low angle direct ringlights, inner diameter 94 mm, 75°, green
RT-LLA-75-130-3-B-24V-FL	Continuous LED low angle direct ringlights, inner diameter 94 mm, 75°, blue

LTRNDC series

Continuous LED direct ringlights

RT-LSW-45-070-3-W-24V-FL	Continuous LED direct ringlight, inner diameter 35 mm, 45°, white
RT-LSW-45-070-3-R-24V-FL	Continuous LED direct ringlight, inner diameter 35 mm, 45°, red

All product specifications and data are subject to change without notice to improve reliability, functionality, design or other. Photos and pictures are for illustration purposes only.

RT-LSW-45-070-3-G-24V-FL	Continuous LED direct ringlight, inner diameter 35 mm, 45°, green
RT-LSW-45-070-3-B-24V-FL	Continuous LED direct ringlight, inner diameter 35 mm, 45°, blue

LTBFC series

Continuous flat side-emitting LED backlights

RT-BHDS-31X58-1-W-24V-FL	Continuous flat side-emitting LED backlight, one side edge to edge type, 58X31 illumination area, white
RT-BHDS-31X58-1-R-24V-FL	Continuous flat side-emitting LED backlight, one side edge to edge type, 58X31 illumination area, red
RT-BHDS-31X58-1-G-24V-FL	Continuous flat side-emitting LED backlight, one side edge to edge type, 58X31 illumination area, green
RT-BHDS-31X58-1-B-24V-FL	Continuous flat side-emitting LED backlight, one side edge to edge type, 58X31 illumination area, blue

LTBRDC series

Continuous LED bar lights

RT-LBRX-00-040-6-W-24V-FL	Continuous LED bar light, 40X26.3 illumination area, white
RT-LBRX-00-040-6-R-24V-FL	Continuous LED bar light, 40X26.3 illumination area, red
RT-LBRX-00-040-6-G-24V-FL	Continuous LED bar light, 40X26.3 illumination area, green
RT-LBRX-00-040-6-B-24V-FL	Continuous LED bar light, 40X26.3 illumination area, blue