



MC200X

Macro lens for 2/3" detectors, magnification 2.0 x, C-mount

SPECIFICATIONS

Magnification	(x)	2
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Object field of view

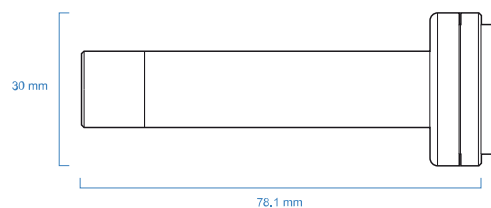
with 1/3" detector (4.8 x 3.6 mm)	(mm x mm)	2.40 x 1.80
with 1/2.5" detector (5.70 x 4.28 mm)	(mm x mm)	2.9 x 2.1
with 1/2" detector (6.4 x 4.8 mm)	(mm x mm)	3.20 x 2.40
with 1/1.8" detector (7.13 x 5.37 mm)	(mm x mm)	3.6 x 2.7
with 2/3" - 5 MP detector (8.45 x 7.07 mm)	(mm x mm)	4.22 x 3.53

Optical specifications

Working distance	(mm)	33
Focal length	(mm)	28.2
F/# (wF/#) 1		5.3 (16)
Distortion	(%)	< 0.01
Field depth	(mm)	0.16

Mechanical specifications

Length 2	(mm)	78.1
Diameter	(mm)	15.0
Height	(mm)	30
Mass	(g)	71
Mount		C



NOTES

1. F/# = F-number, wF/# = working F-number, the real F-number of a lens when used as a macro.
2. Measured from the front end of the mechanics to the camera flange.
3. At the borders of the field depth the image can be still used for measurement but, to get a very sharp image, only half of the nominal field depth should be considered.
Pixel size used for calculation is 3.45 µm

COMPATIBLE PRODUCTS



LTRN050R45	Ring LED illuminator, inner diam. 15.2 mm, oblique type, red 630 nm
LTRN050G45	Ring LED illuminator, inner diam. 15.2 mm, oblique type, green 525 nm
LTRN050B45	Ring LED illuminator, inner diam. 15.2 mm, oblique type, blue 470 nm
LTRN050W45	Ring LED illuminator, inner diameter 15.2 mm, oblique type, white



LTZGK050-15-2-W-24V	LED ringlight, 2 LED rows, outer diameter 50 mm, 15°, white, 24V
LTZGK050-15-2-R-24V	LED ringlight, 2 LED rows, outer diameter 50 mm, 15°, red, 24V
LTZGK050-15-2-G-24V	LED ringlight, 2 LED rows, outer diameter 50 mm, 15°, green, 24V
LTZGK050-15-2-B-24V	LED ringlight, 2 LED rows, outer diameter 50 mm, 15°, blue, 24V
LTZGK070-45-3-W-24V	LED ringlight, 3 LED rows, outer diameter 70 mm, 45°, white, 24V
LTZGK070-45-3-R-24V	LED ringlight, 3 LED rows, outer diameter 70 mm, 45°, red, 24V
LTZGK070-45-3-G-24V	LED ringlight, 3 LED rows, outer diameter 70 mm, 45°, green, 24V
LTZGK070-45-3-B-24V	LED ringlight, 3 LED rows, outer diameter 70 mm, 45°, blue, 24V



LTPVRG25X36-00-1-W-24V	Flat side-emitting LED backlight, thin borders, 25X36 mm illumination area, white, 24V
LTPVRG25X36-00-1-R-24V	Flat side-emitting LED backlight, thin borders, 25X36 mm illumination area, red, 24V

LTPVRG25X36-00-1-G-24V Flat side-emitting LED backlight, thin borders, 25X36 mm illumination area, green, 24V

LTPVRG25X36-00-1-B-24V Flat side-emitting LED backlight, thin borders, 25X36 mm illumination area, blue, 24V



LTZPFL040-00-6-W-24V LED bar light, 6 LED rows, 40X26.3 illumination area, white, 24V

LTZPFL040-00-6-R-24V LED bar light, 6 LED rows, 40X26.3 illumination area, red, 24V

LTZPFL040-00-6-G-24V LED bar light, 6 LED rows, 40X26.3 illumination area, green, 24V

LTZPFL040-00-6-B-24V LED bar light, 6 LED rows, 40X26.3 illumination area, blue, 24V
