

LM8FC LM16FC LM25FC LM35FC

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FC Series NEW

High Resolution FA/MV Lens

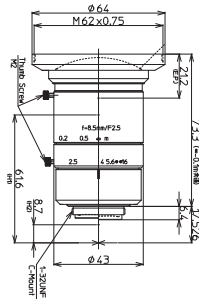
To Be Released in Spring 2018

Features of FC Series

- ▶ Large image size of $\Phi 17.6\text{mm}$ (C-mount).
- ▶ Design optimization allows the high resolution compact lens.
- ▶ The extensive lineup of focal length. 8.5mm, 16mm, 25mm, 35mm (plan: delivery from Spring 2018). 6.5mm, 12mm, 50mm (plan: delivery from Autumn 2018).
- ▶ Kowa's wide-band multi-coating effectively decreases glare and refraction and produces a high transmission from the visible to NIR wavelength range.

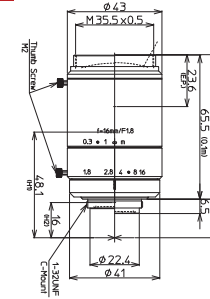


LM8FC NEW



Model	LM8FC
Focal Length(mm)	8.5
Image Size(mm)	14.1x10.6($\Phi 17.6$)
Iris Range(F-stop)	F2.5-F16
Focusing Range(m)	0.1- ∞
Control	Iris Manual Focus Manual
Shooting Range at M.O.D.(mm)	184(H)x138(V)
Angle of View	1.1 Inch 79.2x63.8
View	1 Inch 73.9x58.8
(Degrees)	2/3 Inch 54.5x42.1
TV Distortion(%)	0.55
Back Focus in Air(mm)	12.9
Mount	C-mount
Filter Thread(mm)	M6.2xP0.75
Size(mm)	$\Phi 64 \times 73.3$
Weight(g)	230
Temperature Range	-10°C~+50°C

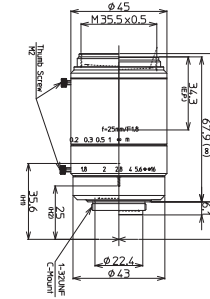
LM16FC NEW



Model	LM16FC
Focal Length(mm)	16
Image Size(mm)	14.1x10.6($\Phi 17.6$)
Iris Range(F-stop)	F1.8-F16
Focusing Range(m)	0.1- ∞
Control	Iris Manual Focus Manual
Shooting Range at M.O.D.(mm)	102(H)x77(V)
Angle of View	1.1 Inch 48.0x36.7
View	1 Inch 43.6x33.4
(Degrees)	2/3 Inch 30.8x23.3
TV Distortion(%)	-0.4
Back Focus in Air(mm)	11.9
Mount	C-mount
Filter Thread(mm)	M35.5xP0.5
Size(mm)	$\Phi 43 \times 65.7$
Weight(g)	200
Temperature Range	-10°C~+50°C

1.1" 1" 2/3" 16mm **FIXED** 12MEGA **C-MT** **METAL** **LO-DIS** **FLOAT** **XD** **WBMC**
Fixed Focal Megapixel C-mount Metal Body Low Distortion Floating Extra Low Dispersion Water-Repelling Coating

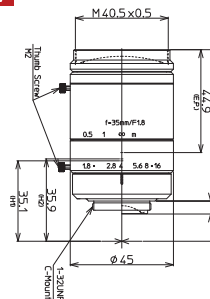
LM25FC NEW



Model	LM25FC
Focal Length(mm)	25
Image Size(mm)	14.1x10.6($\Phi 17.6$)
Iris Range(F-stop)	F1.8-F16
Focusing Range(m)	0.1- ∞
Control	Iris Manual Focus Manual
Shooting Range at M.O.D.(mm)	64(H)x48(V)
Angle of View	1.1 Inch 31.5x23.9
View	1 Inch 28.7x21.7
(Degrees)	2/3 Inch 20.0x15.0
TV Distortion(%)	-0.3
Back Focus in Air(mm)	13.3
Mount	C-mount
Filter Thread(mm)	M35.5xP0.5
Size(mm)	$\Phi 45 \times 69.4$
Weight(g)	220
Temperature Range	-10°C~+50°C

1.1" 1" 2/3" 25mm **FIXED** 12MEGA **C-MT** **METAL** **LO-DIS** **FLOAT** **XD** **WBMC**
Fixed Focal Megapixel C-mount Metal Body Low Distortion Floating Extra Low Dispersion Water-Repelling Coating

LM35FC NEW



Model	LM35FC
Focal Length(mm)	35
Image Size(mm)	14.1x10.6($\Phi 17.6$)
Iris Range(F-stop)	F1.8-F16
Focusing Range(m)	0.2- ∞
Control	Iris Manual Focus Manual
Shooting Range at M.O.D.(mm)	84(H)x63(V)
Angle of View	1.1 Inch 22.1x16.7
View	1 Inch 20.2x15.2
(Degrees)	2/3 Inch 14.0x10.5
TV Distortion(%)	0.01
Back Focus in Air(mm)	15.5
Mount	C-mount
Filter Thread(mm)	M40.5xP0.5
Size(mm)	$\Phi 45 \times 66$
Weight(g)	205
Temperature Range	-10°C~+50°C

1.1" 1" 2/3" 35mm **FIXED** 12MEGA **C-MT** **METAL** **LO-DIS** **WBMC**
Fixed Focal Megapixel C-mount Metal Body Low Distortion Water-Repelling Coating

Diagram of M.O.D. / Magnification Using A Close Up Ring

Model	LM8FC	LM16FC	LM25FC	LM35FC
(Non)M.O.D./Magnification	100mm/0.08x	100mm/0.14x	100mm/0.22x	200mm/0.17x
(mm Ring)M.O.D./Magnification	28mm/0.19x	64mm/0.20x	82mm/0.26x	170mm/0.20x
(5mm Ring)M.O.D./Magnification	-	20mm/0.45x	45mm/0.41x	106mm/0.31x
(10mm Ring)M.O.D./Magnification	-	-	25mm/0.81x	71mm/0.46x
(20mm Ring)M.O.D./Magnification	-	-	-	42mm/0.75x

† Images may differ from the actual product.

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