



# NEW MEGAPIXEL LENS SERIES FOR 4/3 SENSORS ( $\Phi 23\text{mm}$ IMAGE CIRCLE)

## High Performance Large Format C-Mount Lens Series

### Features of XC Series

- Large image circle of  $\Phi 23\text{mm}$  (C-Mount).
- Megapixel resolution is maintained throughout the entire image circle even if the iris is fully open.
- High precision aspherical lens greatly reduces distortion and produces a high definition picture.
- Kowa's wide-band multi-coating effectively reduces glare and refraction.
- Kowa's floating mechanism design virtually eliminates optical aberrations from close distance to infinity.



**NEW LM12XC**



**NEW LM16XC**



**NEW LM25XC**



**NEW LM35XC**



**NEW LM50XC**



Model	LM12XC	LM16XC	LM25XC	LM35XC	LM50XC
Focal length (mm)	12	16	25	35	50
Image size	4/3 ( $\Phi 23$ )	4/3 ( $\Phi 23$ )	4/3 ( $\Phi 23$ )	4/3 ( $\Phi 23$ )	4/3 ( $\Phi 23$ )
Iris range (F-Stop)	F2.0~F22	F2.0~F22	F2.0~F16	F2.0~F16	F2.0~F22
Focusing range (m)	0.1~ $\infty$	0.1~ $\infty$	0.15~ $\infty$	0.2~ $\infty$	0.3~ $\infty$
Iris	Manual	Manual	Manual	Manual	Manual
Focus	Manual	Manual	Manual	Manual	Manual
Shooting range at M.O.D. (mm)	182(H) $\times$ 136(V)	135(H) $\times$ 101(V)	125(H) $\times$ 93(V)	100(H) $\times$ 75(V)	100(H) $\times$ 75(V)
Angle of view (degree)	4/3 74.9(H) $\times$ 59.6(V)	60.6(H) $\times$ 47.2(V)	40.9(H) $\times$ 31.1(V)	29.6(H) $\times$ 22.4(V)	20.6(H) $\times$ 15.7(V)
Resolution (Center, Corner)	160lp/mm, 80lp/mm	160lp/mm, 80lp/mm	160lp/mm, 80lp/mm	160lp/mm, 80lp/mm	160lp/mm, 80lp/mm
Distortion (TV)	0.59%	0.02%	-0.57%	-0.17%	0.8%
Back focus in air (mm)	13.0mm	13.0mm	24.3mm	15.2mm	21.6mm
Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount
Filter size (mm)	M55 $\times$ 0.75	M40.5 $\times$ 0.5	M40.5 $\times$ 0.5	M37.5 $\times$ 0.5	M37.5 $\times$ 0.5
Dimension (mm)	$\Phi 57 \times 85.0$	$\Phi 45 \times 79.5$	$\Phi 45 \times 89.0$	$\Phi 45 \times 74.0$	$\Phi 45 \times 74.0$
Weight (g)	270	250	250	210	220
Temperature range ( $^{\circ}\text{C}$ )	-10~50	-10~50	-10~50	-10~50	-10~50

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Note: Specifications and availability are subject to change without notice