



# 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