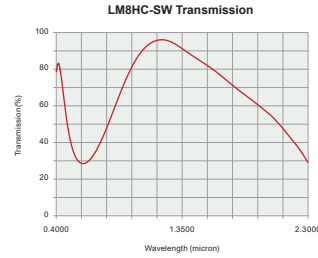


LM8HC-SW LM12HC-SW LM16HC-SW LM25HC-SW LM35HC-SW LM50HC-SW

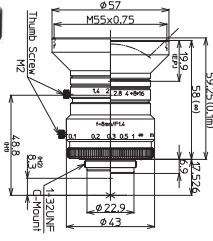
LM8HC-SW LM12HC-SW LM16HC-SW LM25HC-SW LM35HC-SW LM50HC-SW

## HC-SW Series

- ▶ Incorporating Kowa's special coating technology, the 1" format HC-SW series will maintains high transmission from 800nm to 1900nm.
- ▶ Designed for Near Infrared(NIR) and Short Wavelength Infrared (SWIR) applications.



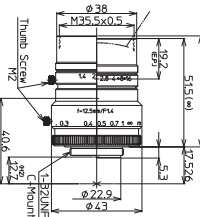
LM8HC-SW



Model	LM8HC-SW
Focal Length(mm)	8
Image Size(mm)	12.8×9.6(Φ16)
Iris Range(F-stop)	F1.4-F16
Focusing Range(m)	0.1-∞
Control	Iris Manual
Focus	Manual
Shooting Range at M.O.D.(mm)	196.0(H)×143.2(V)
Angle of View	1 inch 79.4×63.0 2/3 inch 58.3×44.7
(Degrees)	1/1.8 inch 48.5×36.9
TV Distortion(%)	-1.2
Back Focus in Air(mm)	11.2
Mount	C-mount
Filter Thread(mm)	M55×P0.75
Size(mm)	Φ57×58
Weight(g)	205
Temperature Range	-10°C~+50°C

1" 2/3" 1/1.8" 8mm FIXED MEGA C-mnt METAL IR

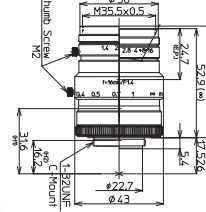
LM12HC-SW



Model	LM12HC-SW
Focal Length(mm)	12.5
Image Size(mm)	12.8×9.6(Φ16)
Iris Range(F-stop)	F1.4-F16
Focusing Range(m)	0.3-∞
Control	Iris Manual
Focus	Manual
Shooting Range at M.O.D.(mm)	330.6(H)×243.5(V)
Angle of View	1 inch 55.6×42.5 2/3 inch 39.1×29.5
(Degrees)	1/1.8 inch 32.1×24.2
TV Distortion(%)	-1.6
Back Focus in Air(mm)	12.6
Mount	C-mount
Filter Thread(mm)	M35.5×P0.5
Size(mm)	Φ43×51.5
Weight(g)	160
Temperature Range	-10°C~+50°C

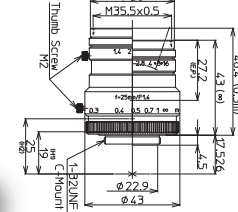
1" 2/3" 1/1.8" 12.5mm FIXED MEGA C-mnt METAL IR

LM16HC-SW



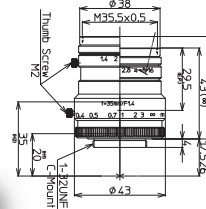
1" 2/3" 1/1.8" 16mm FIXED MEGA C-mnt METAL IR

LM25HC-SW



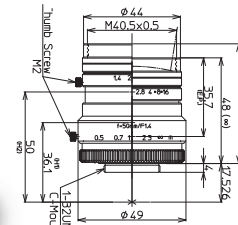
1" 2/3" 1/1.8" 25mm FIXED MEGA C-mnt METAL IR

LM35HC-SW



1" 2/3" 1/1.8" 35mm FIXED MEGA C-mnt METAL IR

LM50HC-SW



1" 2/3" 1/1.8" 50mm FIXED MEGA C-mnt METAL IR

Model	LM16HC-SW	LM25HC-SW	LM35HC-SW	LM50HC-SW
Focal Length(mm)	16	25	35	50
Image Size(mm)	12.8×9.6(Φ16)	12.8×9.6(Φ16)	12.8×9.6(Φ16)	12.8×9.6(Φ16)
Iris Range(F-stop)	F1.4-F16	F1.4-F16	F1.4-F16	F1.4-F16
Focusing Range(m)	0.3-∞	0.3-∞	0.3-∞	0.5-∞
Control	Iris Manual	Iris Manual	Iris Manual	Iris Manual
Focus	Manual	Manual	Manual	Manual
Shooting Range at M.O.D.(mm)	251.5(H)×186.2(V)	160.7(H)×119.2(V)	110.1(H)×82.0(V)	121.8(H)×91.3(V)
Angle of View	1 inch 44.3×33.6 2/3 inch 30.8×23.2	29.3×22.0 20.2×15.1	20.9×15.8 14.4×10.8	14.5×10.8 10.0×7.5
(Degrees)	1/1.8 inch 25.3×19.0	16.5×12.4	11.8×8.8	8.2×6.2
TV Distortion(%)	-1.0	-1.0	-0.5	0.05
Back Focus in Air(mm)	12.6	16.5	16.8	14.8
Mount	C-mount	C-mount	C-mount	C-mount
Filter Thread(mm)	M35.5×P0.5	M35.5×P0.5	M35.5×P0.5	M40.5×P0.5
Size(mm)	Φ43×52.9	Φ43×43	Φ49×48	
Weight(g)	150	135	135	210
Temperature Range	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C

† Images may differ from the actual product.

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