

2/3" STANDARD

LM6JC LM8JC LM12JC LM16JC LM25JC LM35JC LM50JC LM75JC LM100JC

JC Series

- ▶ High resolution ▶ Low distortion ▶ Excellent cost performance
- ▶ Compact, lightweight and durable ▶ Excellent corner brightness

LM6JC



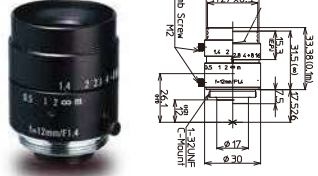
2/3" 1/1.8" 1/2" 6mm FIXED C-mount METAL

LM8JC



2/3" 1/1.8" 1/2" 8mm FIXED C-mount METAL

LM12JC



2/3" 1/1.8" 1/2" 12mm FIXED C-mount METAL

LM16JC



2/3" 1/1.8" 1/2" 16mm FIXED C-mount METAL

LM25JC



2/3" 1/1.8" 1/2" 25mm FIXED C-mount METAL

LM35JC



2/3" 1/1.8" 1/2" 35mm FIXED C-mount METAL

Model	LM6JC	LM8JC	LM12JC	LM16JC	LM25JC	LM35JC
Focal Length(mm)	6	8	12	16	25	35
Image Size(mm)	8.8×6.6(Φ11)	8.8×6.6(Φ11)	8.8×6.6(Φ11)	8.8×6.6(Φ11)	8.8×6.6(Φ11)	8.8×6.6(Φ11)
Iris Range(F-stop)	F1.4-F16	F1.4-F16	F1.4-F16	F1.4-F16	F1.6-F16	F1.6-F16
Focusing Range(m)	0.1-∞	0.1-∞	0.2-∞	0.2-∞	0.2-∞	0.3-∞
Control	Iris Manual	Manual	Manual	Manual	Manual	Manual
Focus	Manual	Manual	Manual	Manual	Manual	Manual
Shooting Range at M.C.D.(mm)	190.6(H)×130.3(V)	136.0(H)×95.1(V)	81.1(H)×59.4(V)	111.8(H)×82.6(V)	72.1(H)×53.7(V)	76.0(H)×56.9(V)
Angle of 2/3 Inch	81.8°×61.2	64.2°×47.7	42.5°×31.7	30.5°×22.8	21.0°×15.7	14.4°×10.8
View 1/1.8 Inch	66.9°×50.1	52.4°×39.1	34.6°×25.9	23.8°×18.7	17.2°×12.9	11.8°×8.8
(Degrees) 1/2 Inch	59.4°×44.5	46.2°×34.6	30.7°×23.0	22.2°×16.8	15.3°×11.4	10.5°×7.9
Resolution(Center, Corner)	100lp/mm, 60lp/mm	100lp/mm, 60lp/mm	100lp/mm, 60lp/mm	100lp/mm, 60lp/mm	100lp/mm, 60lp/mm	100lp/mm, 60lp/mm
TV Distortion(%)	-10.7	-6.2	-2.5	-1.5	-0.6	-0.2
Back Focus in Air(mm)	11.3	11.1	12.1	10.3	8.9	14.9
Mount	C-mount	C-mount	C-mount	C-mount	C-mount	C-mount
Filter Thread(mm)	-	M27×P0.5	M27×P0.5	M27×P0.5	M27×P0.5	M30.5×P0.5
Size(mm)	Φ30×32.8	Φ30×30	Φ30×31.5	Φ30×28	Φ30×28	Φ32×36.5
Weight(g)	65	60	63	55	55	65
Temperature Range	-10°C→+50°C	-10°C→+50°C	-10°C→+50°C	-10°C→+50°C	-10°C→+50°C	-10°C→+50°C

† Images may differ from the actual product.

2/3" & 1/1.8" STANDARD

LM50JC LM75JC LM100JC

LM50JC



2/3" 1/1.8" 1/2" 50mm FIXED C-mount METAL

LM75JC



2/3" 1/1.8" 1/2" 75mm FIXED C-mount METAL

LM100JC



2/3" 1/1.8" 1/2" 100mm FIXED C-mount METAL

Model	LM50JC	LM75JC	LM100JC
Focal Length(mm)	50	75	100
Image Size(mm)	8.8×6.6(Φ11)	8.8×6.6(Φ11)	8.8×6.6(Φ11)
Iris Range(F-stop)	F2.0-F22	F2.5-F22	F2.8-F32
Focusing Range(m)	0.5-∞	1.2-∞	2.0-∞
Control	Iris Manual	Manual	Manual
Focus	Manual	Manual	Manual
Shooting Range at M.C.D.(mm)	85.0(H)×63.6(V)	132.6(H)×99.6(V)	168.8(H)×126.6(V)
Angle of 2/3 Inch	10.1×7.6	6.7×5.0	5.0×3.8
View 1/1.8 Inch	8.2×6.2	5.5×4.1	4.1×3.1
(Degrees) 1/2 Inch	7.3×5.5	4.9×3.7	3.7×2.8
Resolution(Center, Corner)	100lp/mm, 60lp/mm	100lp/mm, 60lp/mm	100lp/mm, 60lp/mm
TV Distortion(%)	-0.1	-0.1	-0.05
Back Focus in Air(mm)	17.2	18.0	19.0
Mount	C-mount	C-mount	C-mount
Filter Thread(mm)	M30.5×P0.5	M34×P0.5	M40.5×P0.5
Size(mm)	Φ32×39.5	Φ36×51	Φ42×70
Weight(g)	90	100	140
Temperature Range	-10°C→+50°C	-10°C→+50°C	-10°C→+50°C

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

Model	LM6JC	LM8JC	LM12JC	LM16JC	LM25JC
(Non) M.O.D./Magnification	100mm/0.064	100mm/0.074	100mm/0.124	200mm/0.034	200mm/0.124
1mm Ring M.O.D./Magnification	-	-	60mm/0.194	110mm/0.144	136mm/0.154
5mm Ring M.O.D./Magnification	-	-	-	-	46mm/0.314
10mm Ring M.O.D./Magnification	-	-	-	-	-
20mm Ring M.O.D./Magnification	-	-	-	-	-

Model	LM35JC	LM50JC	LM75JC	LM100JC
(Non) M.O.D./Magnification	300mm/0.124	600mm/0.104	1200mm/0.074	2000mm/0.024
1mm Ring M.O.D./Magnification	240mm/0.144	422mm/0.124	1010mm/0.084	1700mm/0.024
5mm Ring M.O.D./Magnification	132mm/0.284	284mm/0.204	630mm/0.134	1060mm/0.104
10mm Ring M.O.D./Magnification	84mm/0.404	183mm/0.304	440mm/0.204	740mm/0.164
20mm Ring M.O.D./Magnification	-	117mm/0.504	286mm/0.344	480mm/0.264

1/1.8" STANDARD

NCL Series

- ▶ 4 wide angle lenses ▶ Locking screws ▶ Metal body

LM4NCL LM5NCL LM6NCL LM12NCL

LM4NCL



1/1.8" 1/2" 1/3" 3.5mm FIXED C-mount METAL

LM5NCL



1/1.8" 1/2" 1/3" 4.5mm FIXED C-mount METAL

LM6NCL



1/1.8" 1/2" 1/3" 6mm FIXED C-mount METAL

LM12NCL



1/1.8" 1/2" 1/3" 12mm FIXED C-mount METAL

Model	LM4NCL	LM5NCL	LM6NCL	LM12NCL
Focal Length(mm)	3.5	4.5	6	12
Image Size(mm)	7.2×5.4(Φ9)	7.2×5.4(Φ9)	7.2×5.4(Φ9)	7.2×5.4(Φ9)
Iris Range(F-stop)	F1.4-F16	F1.4-F16	F1.4-F16	F1.4-F16
Focusing Range(m)	0.2-∞	0.2-∞	0.2-∞	0.2-∞
Control	Iris Manual	Manual	Manual	Manual
Focus	Manual	Manual	Manual	Manual
Shooting Range at M.C.D.(mm)	679.8(H)×389.3(V)	405.2(H)×273.8(V)	255.8(H)×188.7(V)	189.8(H)×140.0(V)
Angle of 1/1.8 Inch	117.7°×86.7	88.8°×66.5	62.7°×48.4	34.6°×25.9
View 1/2 Inch	103.6°×76.7	79.0°×59.4	57.3°×44.0	30.7°×23.0
(Degrees) 1/3 Inch	76.7°×57.7	59.4°×45.1	44.0°×33.7	23.0°×17.2
Resolution(Center, Corner)	100lp/mm, 60lp/mm	100lp/mm, 60lp/mm	100lp/mm, 60lp/mm	100lp/mm, 60lp/mm
TV Distortion(%)	-28.0	-17.5	-1.0	-0.8
Back Focus in Air(mm)	8.9	10.0	9.5	11.1
Mount	C-mount	C-mount	C-mount	C-mount
Filter Thread(mm)	-	-	M25.5×P0.5	M25.5×P0.5
Size(mm)	Φ31×30.5	Φ31×29.5	Φ31×34	Φ31×29.5
Weight(g)	60	55	60	55
Temperature Range	-10°C→+50°C	-10°C→+50°C	-10°C→+50°C	-10°C→+50°C

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

Model	LM4NCL	LM5NCL	LM6NCL	LM12NCL
(Non) M.O.D./Magnification	200mm/0.2184	200mm/0.024	200mm/0.034	300mm/0.084
1mm Ring M.O.D./Magnification	-	-	22mm/0.194	93mm/0.124
5mm Ring M.O.D./Magnification	-	-	-	22mm/0.484

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