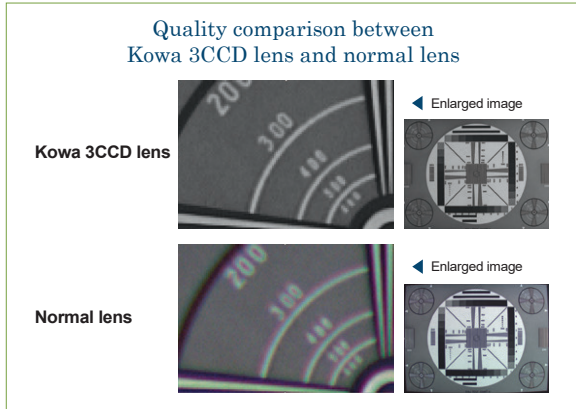


1/1.8" 3CCD

LM4NC3 LM6NC3 LM12NC3 LM25NC3 LM50NC3

NC3 Series

- ▶ For megapixel applications
- ▶ Low distortion
- ▶ Low chromatic aberration
- ▶ Wide product range: 5 lenses in series
- ▶ Excellent corner brightness



| Model | LM4NC3 | LM6NC3 | LM12NC3 | LM25NC3 | LM50NC3 |
|------------------------------|---|--------------------|--------------------|--------------------|--------------------|
| Focal Length(mm) | 4 | 6 | 12 | 25 | 50 |
| Image Size(mm) | 7.2×5.4(Φ9) | 7.2×5.4(Φ9) | 7.2×5.4(Φ9) | 7.2×5.4(Φ9) | 7.2×5.4(Φ9) |
| Iris Range(F-stop) | F1.8-F16 | F1.8-F16 | F1.8-F16 | F1.8-F16 | F1.8-F16 |
| Focusing Range(m) | 0.1-∞ | 0.1-∞ | 0.15-∞ | 0.2-∞ | 0.3-∞ |
| Control | Iris: Manual Focus: Manual | Manual | Manual | Manual | Manual |
| Shooting Range at M.O.D.(mm) | 233.5(H)×163.4(V) | 146.9(H)×107.2(V) | 99.8(H)×74.0(V) | 62.9(H)×57.0(V) | 45.8(H)×34.3(V) |
| Angle of View (Degrees) | 1/1.8 inch: 91.9×71.8 1/2 inch: 83.4×64.5 1/3 inch: 64.5×49.2 | 65.3×50.1 | 34.1×25.7 | 16.4×12.3 | 7.9×5.9 |
| Resolution(Center, Corner) | 120lp/mm, 100lp/mm | 120lp/mm, 100lp/mm | 120lp/mm, 100lp/mm | 120lp/mm, 100lp/mm | 120lp/mm, 100lp/mm |
| TV Distortion(%) | -5.0 | -2.4 | -1.2 | -0.17 | 0.02 |
| Back Focus in Air(mm) | 14.7 | 15.2 | 15.2 | 15.0 | 21.2 |
| Mount | C-mount | C-mount | C-mount | C-mount | C-mount |
| Filter Thread(mm) | M46×P0.75 | M37.5×P0.5 | M27×P0.5 | M27×P0.5 | M35.5×P0.5 |
| Size(mm) | Φ48×68.7 | Φ39×64.3 | Φ30×58.5 | Φ30×47 | Φ40×66 |
| Weight(g) | 120 | 105 | 95 | 80 | 160 |
| Temperature Range | -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.