

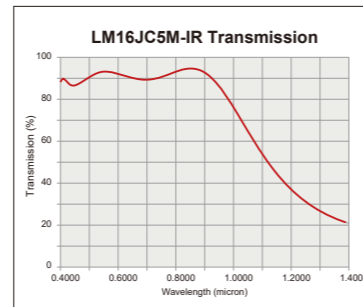
LM16JC5M-IR LM25JC5M-IR LM35JC5M-IR

JC5M-IR Series NEW



For more information please contact:
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- ▶ 5 megapixel lens
- ▶ IR corrected design
- ▶ Fast F-stop of F1.4 *LM35JC5M-IR is F2.0
- ▶ Low distortion
- ▶ Manual-Iris, Auto-Iris and P-iris versions available



LM16JC5M-IR NEW

LM25JC5M-IR NEW

LM35JC5M-IR NEW



Model	LM16JC5M-IR	LM25JC5M-IR	LM35JC5M-IR
Focal Length(mm)	16	25	35
Image Size(mm)	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	F2.0~F22
Focusing Range(m)	0.3~∞	0.3~∞	0.3~∞
Control	Iris: Manual Focus: Manual	Iris: Manual Focus: Manual	Iris: Manual Focus: Manual
Shooting Range at M.O.D.(mm)	171.4(H)×127.4(V)	113.3(H)×84.5(V)	75.8(H)×56.6(V)
Angle of View (Degrees)	2/3 Inch: 30.9×23.2 1/1.8 Inch: 25.4×19.0 1/2 Inch: 22.6×16.9	20.1×15.1 16.5×12.4 14.6×11.0	13.9×10.5 11.4×8.3 10.2×7.6
TV Distortion(%)	-0.8	-0.3	-0.3
Back Focus in Air(mm)	14.7	12	19.2
Mount	C-mount	C-mount	C-mount
Filter Thread(mm)	M27×P0.5	M30.5×P0.5	M30.5×P0.5
Size(mm)	Φ34.0×44.5	Φ34.0×47.0	Φ34.0×43.0
Weight(g)	100	110	100
Temperature Range	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C

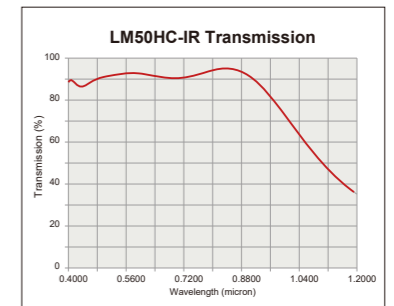
LM50HC-IR LM60HC-IR

HC-IR Series NEW

- ▶ IR corrected design
- ▶ Excellent corner brightness
- ▶ High performance compact lens
- ▶ Low distortion

NEW LM50HC-IR

NEW LM60HC-IR



Model	LM50HC-IR	LM60HC-IR
Focal Length(mm)	50	60
Image Size(mm)	12.8×9.6(Φ16)	12.8×9.6(Φ16)
Iris Range(F-stop)	F1.8~F16	F2.0~F16
Focusing Range(m)	1.0~∞	1.0~∞
Control	Iris: Manual Focus: Manual	Iris: Manual Focus: Manual
Shooting Range at M.O.D.(mm)	246.0(H)×184.0(V)	216.9(H)×162.1(V)
Angle of View (Degrees)	1 Inch: 14.4×10.8 2/3 Inch: 9.9×7.5 1/1.8 Inch: 8.2×6.2	12.2×9.2 8.4×6.3 6.9×5.2
TV Distortion(%)	-0.09	-0.06
Back Focus in Air(mm)	20.4	15.7
Mount	C-mount	C-mount
Filter Thread(mm)	—	M37.5×P0.5
Size(mm)	Φ50.0×47.4	Φ49.2×54.6
Weight(g)	180	200
Temperature Range	-10°C~+50°C	-10°C~+50°C

LARGE FORMAT NIR NEW Broad Band Large Format Lens (Visible+NIR+DAY/NIGHT)

- ▶ IR corrected design
- ▶ Broad band coating
- ▶ Bright F-stop of F1.9
- ▶ F-mount & P-mount(M42×1)

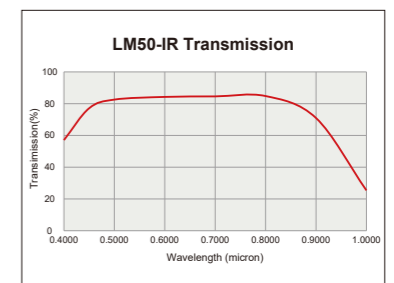
Application

- Solar panel inspection
- Visible/NIR line scan
- ITS
- Large format area scan

LM50-IR



Model	LM50-IR
Focal Length(mm)	50
Image Size(mm)	43.3(Φ43.3)
Iris Range(F-stop)	F1.9~F16
Focusing Range(m)	0.5~∞
Control	Iris: Manual Focus: Manual
Shooting Range at M.O.D.(mm)	366.9(H)×242.9(V)
Angle of View (Degrees)	Full Size: 40.2×27.2 4/3 Inch: 21.0×15.8 1 Inch: 14.6×11.0
TV Distortion(%)	-0.5
Back Focus in Air(mm)	34.6
Mount	Nikon F-mount
Filter Thread(mm)	M52×P0.75
Size(mm)	Φ58.5×105.2
Weight(g)	605
Temperature Range	-10°C~+50°C



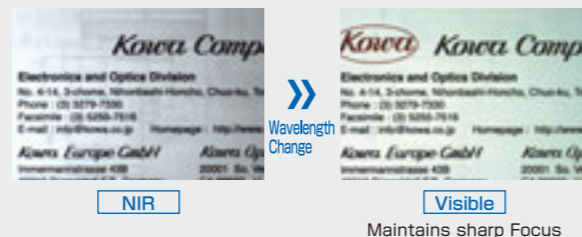
Nikon is a trademark of Nikon Corporation.

Reduction of visible-NIR focus shift

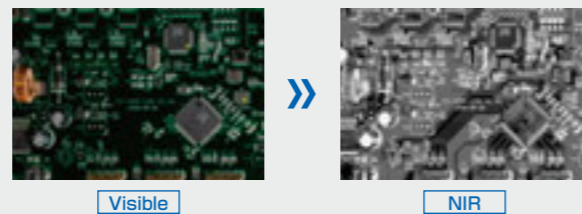
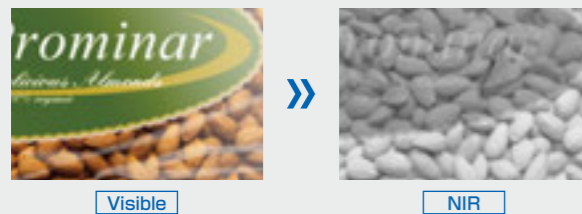
Visible design lens

IR Corrected design lens

LM50-IR



Examples



† Images may differ from the actual product.