



Optical layout of Short LM Camera

WAVELENGTH 3659 NM 3730 NM 3800 NM 3870 NM 3940 NM

50.40''  
8.96 MM

25.20''  
4.48 MM

0.00''  
0.00 MM

-25.20''  
-4.48 MM

-50.40''  
-8.96 MM

-13.82MM -6.90MM 0.02MM 6.93MM 13.86MM

The spot diagrams for L band

0.027 MM SPOT SCALE

3.500 MM SPACE SCALE

THE TOTAL SPOT DIAGRAMS RMS AVERAGE RADIUS = 11.41 MICRONS

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CONFIGURATION 1 OF 2

WAVELENGTH 4563 NM 4706 NM 4850 NM 4994 NM 5137 NM

50.40''  
8.95 MM

25.20''  
4.47 MM

0.00''  
-0.00 MM

-25.20''  
-4.47 MM

-50.40''  
-8.95 MM

-13.80MM -6.88MM 0.03MM 6.93MM 13.83MM

The spot diagrams for M band

0.027 MM SPOT SCALE

3.500 MM SPACE SCALE

THE TOTAL SPOT DIAGRAMS RMS AVERAGE RADIUS = 14.32 MICRONS

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CONFIGURATION 1 OF 2

Short LM camera work with 111 l/mm grating.