



Optical layout of long JHK camera

WAVELENGTH 1051 NM 1151 NM 1250 NM 1350 NM 1449 NM

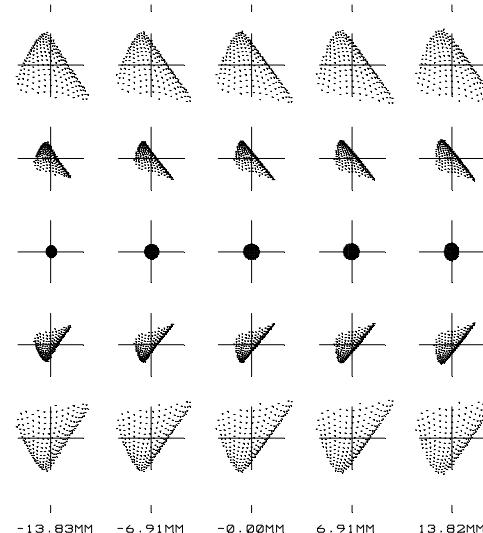
25.20''
13.41 MM

12.60''
6.71 MM

0.00''
0.00 MM

-12.60''
-6.71 MM

-25.20''
-13.41 MM



slit direction

The spot diagrams for J band

THE TOTAL SPOT DIAGRAMS RMS AVERAGE RADIUS = 16.10 MICRONS

0.027 MM SPOT SCALE

4.500 MM SPACE SCALE

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CONFIGURATION 2 OF 3

WAVELENGTH 1377 NM 1501 NM 1625 NM 1749 NM 1874 NM

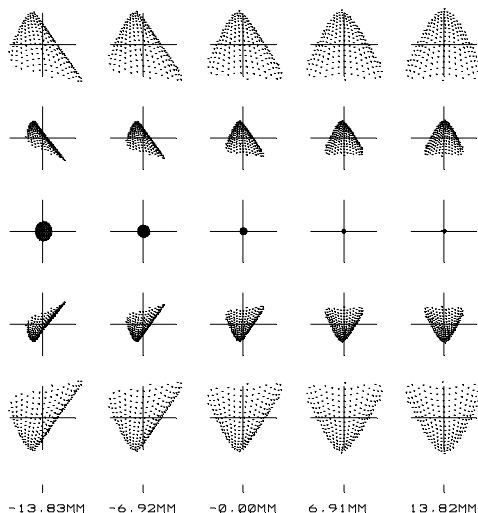
25.20''
13.41 MM

12.60''
6.71 MM

0.00''
0.00 MM

-12.60''
-6.71 MM

-25.20''
-13.41 MM



The spot diagrams for H band

THE TOTAL SPOT DIAGRAMS RMS AVERAGE RADIUS = 15.19 MICRONS

0.027 MM SPOT SCALE

4.500 MM SPACE SCALE

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CONFIGURATION 1 OF 3

WAVELENGTH 1894 NM 2059 NM 2225 NM 2391 NM 2557 NM

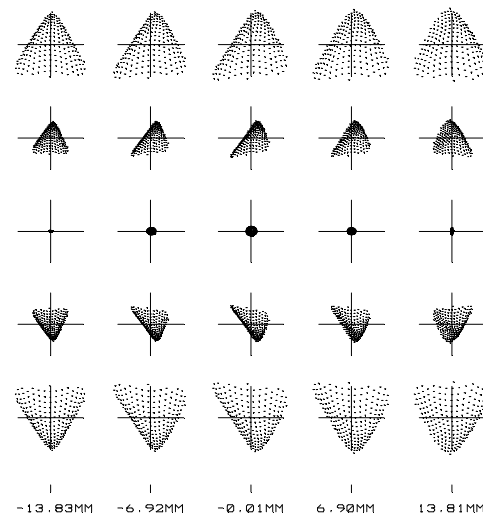
25.20''
13.41 MM

12.60''
6.71 MM

0.00''
-0.00 MM

-12.60''
-6.71 MM

-25.20''
-13.41 MM



The spot diagrams for K band

THE TOTAL SPOT DIAGRAMS RMS AVERAGE RADIUS = 14.95 MICRONS

0.027 MM SPOT SCALE

4.500 MM SPACE SCALE

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CONFIGURATION 1 OF 3

Long JHK camera work with 10.44 l/mm grating.