Erratum

“The Mauna Kea Observatories Near-Infrared Filter Set. III. Isophotal Wavelengths and Absolute Calibration” (PASP, 117, 421 [2005])

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The isophotal wavelength for the V filter given in § 2.4 and Table 1 should be 5450 Å.

We did not show the isophotal frequencies in Table 1 that should be used with the flux densities in frequency units (Jy) and the AB magnitudes derived from them. Therefore, we present these in Table 3 below. Note that since \( \lambda_{iso} \neq c/\nu_{iso} \), the isophotal wavelengths and isophotal frequencies must be derived separately using equations (5) and (6). In addition, \( F_\nu \) and AB magnitude values should always be plotted at \( \nu_{iso} \).

| Filter Name | \( \nu_{iso} \) (\( \times 10^{14} \) Hz) | \( F_\nu \) (Jy) | AB Mag (mag) |
|-------------|-----------------|-----------------|-------------|
| V           | 5.490           | 3630            | 0.026       |
| J           | 2.394           | 1560            | 0.941       |
| H           | 1.802           | 1050            | 1.38        |
| K           | 1.413           | 686             | 1.84        |
| K′          | 1.395           | 670             | 1.86        |
| K″          | 1.364           | 645             | 1.90        |
| L′          | 0.7982          | 249             | 2.93        |
| M′          | 0.6350          | 163             | 3.40        |