

| UVIS FILTER  | PHOTPLAM | PHOTFLAM   | PHOTBW  | STmag   | ABmag   | VEGAmag |
|--|----------|--|---------|---------|---------|---------|
|  | Å        | erg cm <sup>-2</sup> s <sup>-1</sup> Å <sup>-1</sup> | Å       | mag     | mag     | mag     |
| <b>UVIS Longpass (LP) and Extremely Wide (X) Filters</b> |          |  |         |         |         |         |
| F200LP   | 4968.60  | 5.60704e-20  | 1734.90 | 27.0281 | 27.2390 | 26.7885 |
| F300X  | 2822.40  | 1.63251e-18  | 317.23  | 23.3678 | 24.8069 | 23.3867 |
| F350LP   | 5857.30  | 5.8203e-20   | 1478.60 | 26.9877 | 26.8413 | 26.6852 |
| F475X  | 4941.40  | 1.68582e-19  | 660.34  | 25.8330 | 26.0559 | 26.1062 |
| F850LP   | 9168.80  | 4.19628e-19  | 467.53  | 24.8428 | 23.7234 | 23.2026 |
| F600LP   | 7450.50  | 9.66588e-20  | 936.93  | 26.4369 | 25.7681 | 25.4440 |
| <b>UVIS Wide Band Filters</b>                            |          |  |         |         |         |         |
| F218W  | 2228.50  | 1.69735e-17  | 129.14  | 20.8255 | 22.7776 | 21.0878 |
| F225W  | 2372.80  | 5.50981e-18  | 177.54  | 22.0471 | 23.8629 | 22.2034 |
| F275W  | 2710.20  | 3.81266e-18  | 164.51  | 22.4469 | 23.9740 | 22.4757 |
| F336W  | 3354.80  | 1.48059e-18  | 158.44  | 23.4739 | 24.5377 | 23.3531 |
| F390W  | 3924.40  | 5.67213e-19  | 291.22  | 24.5157 | 25.2389 | 25.0240 |
| F438W  | 4326.50  | 7.59781e-19  | 197.30  | 24.1983 | 24.7097 | 24.8629 |
| F475W  | 4773.70  | 2.81145e-19  | 421.23  | 25.2777 | 25.5755 | 25.6739 |
| F555W  | 5308.10  | 2.048e-19  | 517.14  | 25.6216 | 25.6890 | 25.7144 |
| F606W  | 5887.40  | 1.28907e-19  | 656.58  | 26.1243 | 25.9668 | 25.8843 |
| F625W  | 6241.30  | 1.8926e-19   | 451.03  | 25.7073 | 25.4230 | 25.2750 |
| F775W  | 7648.50  | 2.34534e-19  | 419.11  | 25.4744 | 24.7487 | 24.3679 |
| F814W  | 8029.50  | 1.70199e-19  | 663.33  | 25.8226 | 24.9912 | 24.5730 |
| <b>UVIS Medium Band Filters</b>                          |          |  |         |         |         |         |
| F390M  | 3897.30  | 2.80598e-18  | 65.48   | 22.7797 | 23.5180 | 23.4197 |
| F410M  | 4109.00  | 2.60922e-18  | 56.96   | 22.8587 | 23.4822 | 23.6391 |
| FQ422M   | 4219.20  | 5.53708e-18  | 38.33   | 22.0418 | 22.6078 | 22.8487 |
| F467M  | 4682.50  | 1.84592e-18  | 68.30   | 23.2344 | 23.5741 | 23.7304 |
| F547M  | 5447.40  | 5.08713e-19  | 206.22  | 24.6339 | 24.6450 | 24.6460 |
| F621M  | 6218.60  | 4.47377e-19  | 185.62  | 24.7733 | 24.4969 | 24.3507 |
| F689M  | 6876.30  | 4.1564e-19   | 207.57  | 24.8532 | 24.3586 | 24.0818 |
| F763M  | 7613.60  | 4.30059e-19  | 229.33  | 24.8162 | 24.1003 | 23.7216 |
| F845M  | 8437.50  | 5.19111e-19  | 260.13  | 24.6119 | 23.6729 | 23.1727 |
| <b>UVIS Narrow Band Filters</b>                          |          |  |         |         |         |         |
| F280N  | 2833.50  | 6.46138e-17  | 201.57  | 19.3742 | 20.8047 | 19.3722 |
| F343N  | 3435.20  | 2.88246e-18  | 86.72   | 22.7506 | 23.7630 | 22.6094 |
| F373N  | 3730.20  | 1.51364e-17  | 18.33   | 20.9500 | 21.7834 | 20.8901 |
| F395N  | 3955.20  | 6.65758e-18  | 26.29   | 21.8417 | 22.5480 | 22.5696 |
| F469N  | 4688.10  | 1.04879e-17  | 19.92   | 21.3483 | 21.6854 | 21.8444 |
| F487N  | 4871.40  | 6.54347e-18  | 21.68   | 21.8605 | 22.1144 | 21.9349 |
| F502N  | 5009.60  | 5.74759e-18  | 26.90   | 22.0013 | 22.1944 | 22.2827 |
| F631N  | 6304.30  | 5.2732e-18   | 41.30   | 22.0948 | 21.7887 | 21.6309 |
| F645N  | 6453.60  | 3.7051e-18   | 41.23   | 22.4780 | 22.1211 | 21.9322 |
| F656N  | 6561.40  | 1.78462e-17  | 41.58   | 20.7711 | 20.3783 | 19.7171 |
| F657N  | 6566.60  | 2.44126e-18  | 40.99   | 22.9310 | 22.5364 | 22.2111 |
| F658N  | 6584.00  | 1.07193e-17  | 147.88  | 21.3246 | 20.9242 | 20.5750 |
| F665N  | 6655.90  | 2.19629e-18  | 42.18   | 23.0458 | 22.6219 | 22.3852 |
| F673N  | 6765.90  | 2.45973e-18  | 41.92   | 22.9228 | 22.4633 | 22.2246 |
| F680N  | 6877.50  | 7.66536e-19  | 112.00  | 24.1887 | 23.6937 | 23.4364 |
| F953N  | 9530.50  | 9.43309e-18  | 72.24   | 21.4634 | 20.2599 | 19.6428 |
| FQ232N   | 2432.20  | 1.76489e-16  | 263.50  | 18.2832 | 20.0453 | 18.4139 |
| FQ243N   | 2476.40  | 1.32499e-16  | 194.01  | 18.5945 | 20.3175 | 18.6672 |
| FQ378N   | 3792.40  | 6.48351e-18  | 32.15   | 21.8704 | 22.6680 | 22.1859 |
| FQ387N   | 3873.60  | 2.235e-17  | 15.01   | 20.5268 | 21.2783 | 21.1941 |
| FQ436N   | 4367.10  | 1.32831e-17  | 22.82   | 21.0917 | 21.5829 | 21.6211 |
| FQ437N   | 4371.00  | 1.86629e-17  | 21.61   | 20.7226 | 21.2118 | 21.3279 |
| FQ492N   | 4933.40  | 3.42639e-18  | 35.18   | 22.5629 | 22.7892 | 22.8564 |
| FQ508N   | 5091.00  | 3.27047e-18  | 42.38   | 22.6135 | 22.7716 | 22.8444 |
| FQ575N   | 5757.70  | 1.98563e-17  | 42.20   | 20.6553 | 20.5461 | 20.4865 |
| FQ619N   | 6198.50  | 5.14293e-18  | 36.45   | 22.1220 | 21.8526 | 21.7141 |
| FQ634N   | 6349.20  | 4.69199e-18  | 43.00   | 22.2217 | 21.9002 | 21.7309 |
| FQ672N   | 6716.40  | 1.50895e-17  | 69.98   | 20.9533 | 20.5097 | 20.2628 |
| FQ674N   | 6730.70  | 2.16478e-17  | 39.21   | 20.5615 | 20.1133 | 19.8685 |
| FQ727N   | 7275.20  | 5.13166e-18  | 63.22   | 22.1244 | 21.5072 | 21.1829 |
| FQ750N   | 7502.50  | 4.97883e-18  | 28.12   | 22.1572 | 21.4732 | 21.1106 |
| FQ889N   | 8892.10  | 5.58031e-18  | 55.51   | 22.0334 | 20.9805 | 20.4679 |
| FQ906N   | 9057.80  | 5.62212e-18  | 57.32   | 22.0252 | 20.9322 | 20.4234 |
| FQ924N   | 9247.60  | 6.70502e-18  | 46.29   | 21.8340 | 20.6959 | 20.1066 |
| FQ937N   | 9372.40  | 7.43637e-18  | 54.81   | 21.7216 | 20.5544 | 20.0964 |