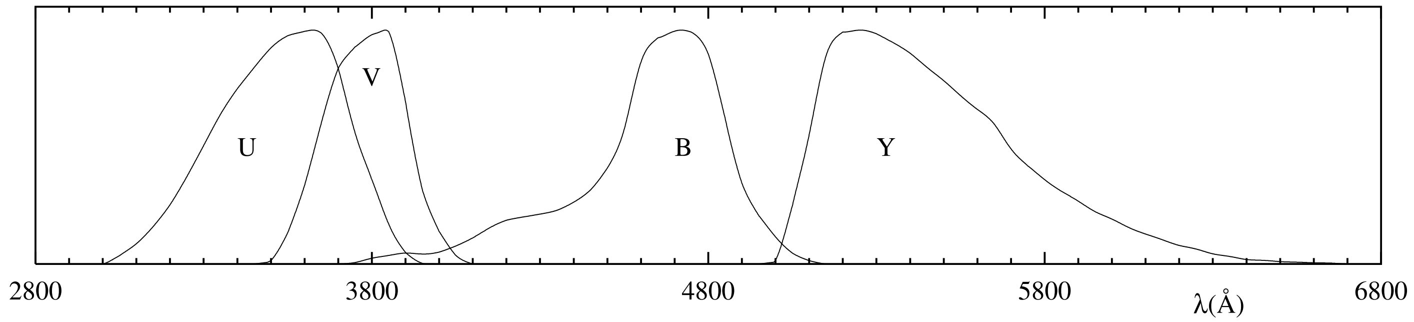
*UVBY - Kruszewski - 1966*




| **U** | | | | *B3* | *Vega* | *Sun* | *K2* | *M2* | *Carbon* |
|---|---|---|---|---|---|---|---|---|---|
| $\lambda_c = 3530$ | $\lambda_\circ = 3521$ | $\lambda_{peak} = 3625$ | $\lambda_{gauss} = 3539$ | 3503 | 3533 | 3537 | 3584 | 3611 | 3537 |
| WHM = 466 | W10% = 765 | W80% = 279 | FWHM = 447 | [481] | [496] | [472] | [410] | [378] | [458] |
| $W_\circ = 475$ | $\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.36\,^{1.35}_{1.40}$ | $a = ^{0.934}_{0.942}$ $b = ^{2.037}_{1.987}$ *B3* | | *WN* | *WC* | $PN_{Ne}$ | $PN^{Ne}$ | *Nova* | *WDA* |
| $\mu = 176$ | $\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.61\,^{1.58}_{1.68}$ | $a = ^{0.942}_{0.947}$ $b = ^{1.987}_{1.949}$ *Sun* | | 3494 | 3504 | 3633 | 3537 | 3516 | 3489 |
| $I_{asym} = -0.27$ | $\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.95\,^{1.90}_{2.07}$ | $\frac{A(\lambda)}{E(B-V)}$ : | $(4.944, 0.073)^{r=1.00}_{B3}$ | $(5.269, 0.097)^{r=1.00}_{Sun}$ | | $(5.918, 0.081)^{r=1.00}_{M2}$ | | | |
| $I_{kurt} = -0.51$ | $\lambda_{eff} = 3521.6 + 31.2 \times E(B-V)$ r=1.00 | | | $W_{eff} = 481.2 - 23.3 \times E(B-V)$ r=−0.98 | | | | | |
| | $\lambda_{eff}(T) = 3482 + 123 \times \theta + 36 \times \theta^2 - 33 \times \theta^3$ | | | $W_{eff}(T) = 456 + 147 \times \theta - 311 \times \theta^2 + 96 \times \theta^3$ | | | | | |

| **V** | | | | *B3* | *Vega* | *Sun* | *K2* | *M2* | *Carbon* |
|---|---|---|---|---|---|---|---|---|---|
| $\lambda_c = 3777$ | $\lambda_\circ = 3780$ | $\lambda_{peak} = 3840$ | $\lambda_{gauss} = 3782$ | 3787 | 3814 | 3780 | 3779 | 3804 | 3812 |
| WHM = 293 | W10% = 479 | W80% = 195 | FWHM = 282 | [300] | [271] | [297] | [288] | [298] | [329] |
| $W_\circ = 301$ | $\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.32\,^{1.30}_{1.35}$ | $a = ^{0.972}_{0.973}$ $b = ^{1.712}_{1.702}$ *B3* | | *WN* | *WC* | $PN_{Ne}$ | $PN^{Ne}$ | *Nova* | *WDA* |
| $\mu = 108$ | $\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.52\,^{1.49}_{1.59}$ | $a = ^{0.972}_{0.973}$ $b = ^{1.719}_{1.708}$ *Sun* | | 3774 | 3772 | 3766 | 3762 | 3780 | 3773 |
| $I_{asym} = -0.04$ | $\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.80\,^{1.74}_{1.90}$ | $\frac{A(\lambda)}{E(B-V)}$ : | $(4.642, 0.082)^{r=1.00}_{B3}$ | $(4.994, 0.103)^{r=1.00}_{Sun}$ | | $(5.675, 0.085)^{r=1.00}_{M2}$ | | | |
| $I_{kurt} = -0.51$ | $\lambda_{eff} = 3779.4 + 11.2 \times E(B-V)$ r=1.00 | | | $W_{eff} = 302.0 - 4.9 \times E(B-V)$ r=−0.97 | | | | | |
| | $\lambda_{eff}(T) = 3766 + 35 \times \theta + 20 \times \theta^2 - 11 \times \theta^3$ | | | $W_{eff}(T) = 297 + 26 \times \theta - 44 \times \theta^2 + 3 \times \theta^3$ | | | | | |

| **B** | | | | *B3* | *Vega* | *Sun* | *K2* | *M2* | *Carbon* |
|---|---|---|---|---|---|---|---|---|---|
| $\lambda_c = 4701$ | $\lambda_\circ = 4615$ | $\lambda_{peak} = 4719$ | $\lambda_{gauss} = 4687$ | 4574 | 4585 | 4633 | 4667 | 4690 | 4777 |
| WHM = 337 | W10% = 925 | W80% = 233 | FWHM = 423 | [438] | [428] | [433] | [416] | [404] | [237] |
| $W_\circ = 451$ | $\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.16\,^{1.15}_{1.17}$ | $a = ^{1.007}_{1.009}$ $b = ^{0.786}_{0.725}$ *B3* | | *WN* | *WC* | $PN_{Ne}$ | $PN^{Ne}$ | *Nova* | *WDA* |
| $\mu = 233$ | $\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.26\,^{1.25}_{1.28}$ | $a = ^{1.010}_{1.011}$ $b = ^{0.715}_{0.671}$ *Sun* | | 4612 | 4620 | 4844 | 4637 | 4783 | 4583 |
| $I_{asym} = -1.00$ | $\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.39\,^{1.37}_{1.41}$ | $\frac{A(\lambda)}{E(B-V)}$ : | $(3.906, 0.048)^{r=0.99}_{B3}$ | $(4.136, 0.069)^{r=1.00}_{Sun}$ | | $(4.657, 0.058)^{r=1.00}_{M2}$ | | | |
| $I_{kurt} = 0.91$ | $\lambda_{eff} = 4616.8 + 42.2 \times E(B-V)$ r=1.00 | | | $W_{eff} = 456.6 - 20.6 \times E(B-V)$ r=−0.97 | | | | | |
| | $\lambda_{eff}(T) = 4557 + 146 \times \theta + 19 \times \theta^2 - 33 \times \theta^3$ | | | $W_{eff}(T) = 437 + 75 \times \theta - 127 \times \theta^2 + 28 \times \theta^3$ | | | | | |

| **Y** | | | | *B3* | *Vega* | *Sun* | *K2* | *M2* | *Carbon* |
|---|---|---|---|---|---|---|---|---|---|
| $\lambda_c = 5394$ | $\lambda_\circ = 5477$ | $\lambda_{peak} = 5254$ | $\lambda_{gauss} = 5388$ | 5430 | 5436 | 5472 | 5503 | 5535 | 5585 |
| WHM = 603 | W10% = 1135 | W80% = 352 | FWHM = 614 | [641] | [644] | [652] | [631] | [591] | [565] |
| $W_\circ = 654$ | $\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.00\,^{1.00}_{1.02}$ | $a = ^{1.004}_{1.001}$ $b = ^{0.032}_{0.005}$ *B3* | | *WN* | *WC* | $PN_{Ne}$ | $PN^{Ne}$ | *Nova* | *WDA* |
| $\mu = 286$ | $\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.00\,^{1.00}_{1.02}$ | $a = ^{1.001}_{0.998}$ $b = ^{0.011}_{-0.017}$ *Sun* | | 5457 | 5528 | 5414 | 5490 | 5477 | 5431 |
| $I_{asym} = 0.84$ | $\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.01\,^{1.00}_{1.04}$ | $\frac{A(\lambda)}{E(B-V)}$ : | $(3.124, 0.036)^{r=1.00}_{B3}$ | $(3.321, 0.044)^{r=1.00}_{Sun}$ | | $(3.733, 0.024)^{r=0.98}_{M2}$ | | | |
| $I_{kurt} = 0.38$ | $\lambda_{eff} = 5473.8 + 69.1 \times E(B-V)$ r=1.00 | | | $W_{eff} = 665.8 - 46.2 \times E(B-V)$ r=−0.97 | | | | | |
| | $\lambda_{eff}(T) = 5422 + 75 \times \theta + 97 \times \theta^2 - 33 \times \theta^3$ | | | $W_{eff}(T) = 635 + 72 \times \theta - 63 \times \theta^2 - 37 \times \theta^3$ | | | | | |