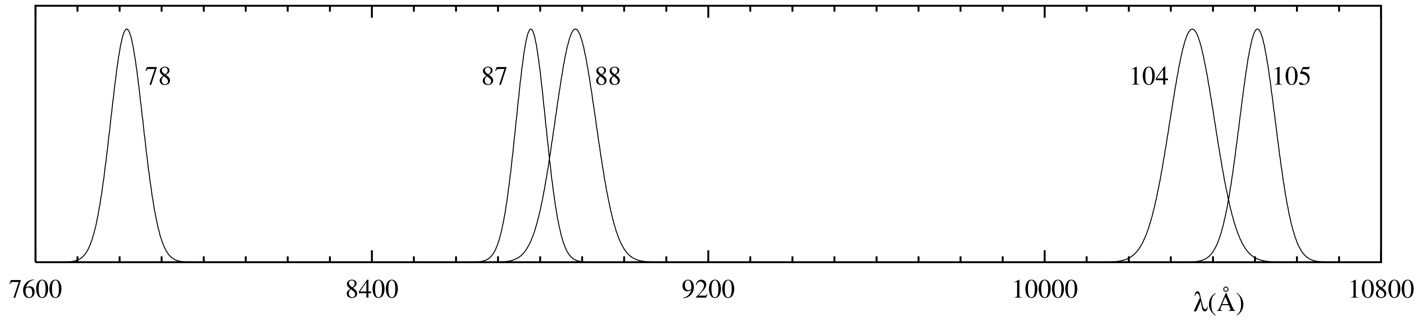
5 colors - Lockwood and Wing - 1971



78 (interference filter) assumed profile: gaussian

$\lambda_c = 7817$

WHM = 90

$W_\circ = 96$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
7816	7816	7817	7817	7818	7816
[96]	[96]	[96]	[96]	[96]	[92]

WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
7816	7811	7802	7816	7812	7816

$\frac{A(\lambda)}{A(V)}|_{5.0} = 0.64\ ^{0.64}_{0.66}$ $\quad a = ^{0.798}_{0.798}\ b = ^{-0.537}_{-0.537}$ *B3*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 0.59\ ^{0.58}_{0.62}$ $\quad a = ^{0.798}_{0.797}\ b = ^{-0.537}_{-0.537}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.52\ ^{0.51}_{0.56}$ $\quad \frac{A(\lambda)}{E(B-V)}:\ (1.800, 0.034)^{r=1.00}_{B3}\ (1.933, 0.043)^{r=1.00}_{Sun}\ (2.207, 0.037)^{r=1.00}_{M2}$

$\lambda_{eff} = 7817.0 + 0.6 \times E(B-V)$ r=1.00 $\quad W_{eff} = 95.8 - 0.0 \times E(B-V)$ r=-0.97

$\lambda_{eff}(T) = 7816.2 + 0.7 \times \theta + 0.8 \times \theta^2 - 0.3 \times \theta^3$ $\quad W_{eff}(T) = 95.8 + 0.1 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

87 (interference filter) assumed profile: gaussian

$\lambda_c = 8778$

WHM = 82

$W_\circ = 87$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
8778	8779	8778	8778	8778	8777
[88]	[88]	[88]	[87]	[87]	[88]

WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
8777	8778	8772	8776	8775	8777

$\frac{A(\lambda)}{A(V)}|_{5.0} = 0.52\ ^{0.51}_{0.54}$ $\quad a = ^{0.706}_{0.706}\ b = ^{-0.638}_{-0.638}$ *B3*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 0.48\ ^{0.48}_{0.51}$ $\quad a = ^{0.706}_{0.706}\ b = ^{-0.638}_{-0.638}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.44\ ^{0.43}_{0.47}$ $\quad \frac{A(\lambda)}{E(B-V)}:\ (1.473, 0.028)^{r=1.00}_{B3}\ (1.582, 0.035)^{r=1.00}_{Sun}\ (1.807, 0.030)^{r=1.00}_{M2}$

$\lambda_{eff} = 8778.0 + 0.3 \times E(B-V)$ r=1.00 $\quad W_{eff} = 87.3 - 0.0 \times E(B-V)$ r=-0.98

$\lambda_{eff}(T) = 8777.4 + 0.5 \times \theta + 0.5 \times \theta^2 - 0.2 \times \theta^3$ $\quad W_{eff}(T) = 87.3 + 0.0 \times \theta + 0.0 \times \theta^2 - 0.0 \times \theta^3$

88 (interference filter) assumed profile: gaussian

$\lambda_c = 8884$

WHM = 114

$W_\circ = 121$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
8884	8885	8884	8884	8882	8888
[122]	[122]	[121]	[121]	[121]	[120]

WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
8883	8882	8876	8881	8882	8883

$\frac{A(\lambda)}{A(V)}|_{5.0} = 0.51\ ^{0.50}_{0.52}$ $\quad a = ^{0.694}_{0.694}\ b = ^{-0.634}_{-0.634}$ *B3*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 0.47\ ^{0.47}_{0.50}$ $\quad a = ^{0.694}_{0.694}\ b = ^{-0.634}_{-0.634}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.43\ ^{0.42}_{0.46}$ $\quad \frac{A(\lambda)}{E(B-V)}:\ (1.443, 0.027)^{r=1.00}_{B3}\ (1.550, 0.034)^{r=1.00}_{Sun}\ (1.771, 0.029)^{r=1.00}_{M2}$

$\lambda_{eff} = 8884.0 + 0.6 \times E(B-V)$ r=1.00 $\quad W_{eff} = 121.4 - 0.0 \times E(B-V)$ r=-0.98

$\lambda_{eff}(T) = 8882.9 + 0.9 \times \theta + 0.9 \times \theta^2 - 0.4 \times \theta^3$ $\quad W_{eff}(T) = 121.3 + 0.1 \times \theta + 0.0 \times \theta^2 - 0.1 \times \theta^3$

104 (interference filter) assumed profile: gaussian

$\lambda_c = 10351$

WHM = 125

$W_\circ = 133$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
10350	10350	10350	10351	10351	10355
[133]	[133]	[133]	[133]	[133]	[131]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 0.37\ ^{0.37}_{0.39}$ $\quad a = ^{0.543}_{0.543}\ b = ^{-0.499}_{-0.499}$ *B3*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 0.36\ ^{0.36}_{0.38}$ $\quad a = ^{0.543}_{0.543}\ b = ^{-0.499}_{-0.499}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.35\ ^{0.34}_{0.37}$ $\quad \frac{A(\lambda)}{E(B-V)}:\ (1.108, 0.021)^{r=1.00}_{B3}\ (1.191, 0.026)^{r=1.00}_{Sun}\ (1.360, 0.023)^{r=1.00}_{M2}$

$\lambda_{eff} = 10351.0 + 0.5 \times E(B-V)$ r=1.00 $\quad W_{eff} = 133.1 - 0.0 \times E(B-V)$ r=-0.97

$\lambda_{eff}(T) = 10349.9 + 0.8 \times \theta + 0.8 \times \theta^2 - 0.3 \times \theta^3$ $\quad W_{eff}(T) = 133.0 + 0.1 \times \theta + 0.0 \times \theta^2 - 0.0 \times \theta^3$

105 (interference filter) assumed profile: gaussian

$\lambda_c = 10506$

WHM = 100

$W_\circ = 106$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
10505	10505	10506	10506	10506	10508
[106]	[106]	[106]	[106]	[107]	[106]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 0.36\ ^{0.36}_{0.38}$ $\quad a = ^{0.530}_{0.530}\ b = ^{-0.487}_{-0.487}$ *B3*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 0.35\ ^{0.35}_{0.37}$ $\quad a = ^{0.530}_{0.530}\ b = ^{-0.487}_{-0.487}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.34\ ^{0.33}_{0.36}$ $\quad \frac{A(\lambda)}{E(B-V)}:\ (1.080, 0.020)^{r=1.00}_{B3}\ (1.160, 0.026)^{r=1.00}_{Sun}\ (1.325, 0.022)^{r=1.00}_{M2}$

$\lambda_{eff} = 10506.0 + 0.3 \times E(B-V)$ r=1.00 $\quad W_{eff} = 106.4 - 0.0 \times E(B-V)$ r=-0.97

$\lambda_{eff}(T) = 10505.3 + 0.5 \times \theta + 0.5 \times \theta^2 - 0.2 \times \theta^3$ $\quad W_{eff}(T) = 106.4 + 0.0 \times \theta + 0.0 \times \theta^2 - 0.0 \times \theta^3$