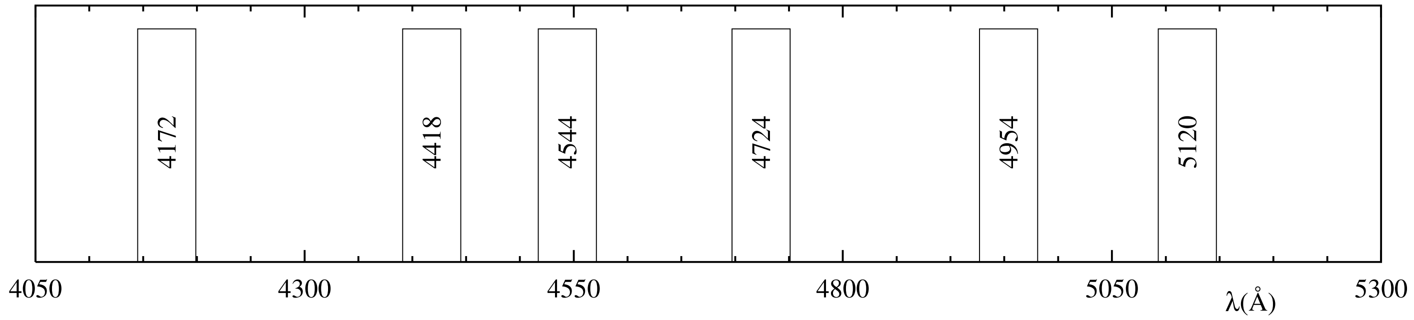

4172 original profile: rectangular
$\lambda_c = 4172$
WHM = 54

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4172	4172	4172	4172	4172	4162
[54]	[54]	[54]	[54]	[54]	[40]

WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4173	4172	4172	4172	4172	4172

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.25\,^{1.24}_{1.29}$ $\quad a = ^{0.989}_{0.989}\quad b = ^{1.296}_{1.296}\quad B3$

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.40\,^{1.38}_{1.48}$ $\quad a = ^{0.989}_{0.989}\quad b = ^{1.297}_{1.296}\quad Sun$

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.61\,^{1.57}_{1.73}$ $\quad \frac{A(\lambda)}{E(B-V)}:\quad (4.285, 0.080)^{r=1.00}_{B3}\quad (4.603, 0.102)^{r=1.00}_{Sun}\quad (5.257, 0.087)^{r=1.00}_{M2}$

$\lambda_{eff} = 4172.0 + 0.2 \times E(B-V)$ r=1.00 $\qquad W_{eff} = 54.0 - 0.0 \times E(B-V)$ r=−0.96

$\lambda_{eff}(T) = 4171.7 + 0.6 \times \theta + 0.4 \times \theta^2 - 0.2 \times \theta^3$ $\qquad W_{eff}(T) = 54.0 + 0.1 \times \theta - 0.1 \times \theta^2 - 0.0 \times \theta^3$

4418 original profile: rectangular
$\lambda_c = 4418$
WHM = 54

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4418	4418	4419	4418	4419	4420
[54]	[54]	[54]	[54]	[53]	[52]

WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4418	4421	4417	4418	4418	4419

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.20\,^{1.19}_{1.24}$ $\quad a = ^{1.001}_{1.001}\quad b = ^{0.984}_{0.984}\quad B3$

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.33\,^{1.31}_{1.40}$ $\quad a = ^{1.001}_{1.001}\quad b = ^{0.983}_{0.983}\quad Sun$

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.49\,^{1.46}_{1.59}$ $\quad \frac{A(\lambda)}{E(B-V)}:\quad (4.064, 0.076)^{r=1.00}_{B3}\quad (4.365, 0.096)^{r=1.00}_{Sun}\quad (4.985, 0.083)^{r=1.00}_{M2}$

$\lambda_{eff} = 4418.0 + 0.2 \times E(B-V)$ r=1.00 $\qquad W_{eff} = 54.0 - 0.0 \times E(B-V)$ r=−0.96

$\lambda_{eff}(T) = 4417.8 + 0.5 \times \theta + 0.4 \times \theta^2 - 0.2 \times \theta^3$ $\qquad W_{eff}(T) = 54.0 + 0.1 \times \theta - 0.1 \times \theta^2 - 0.0 \times \theta^3$

4544 original profile: rectangular
$\lambda_c = 4544$
WHM = 54

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4544	4544	4544	4545	4546	4544
[54]	[54]	[54]	[54]	[55]	[54]

WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4543	4543	4547	4544	4542	4544

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.18\,^{1.17}_{1.22}$ $\quad a = ^{1.006}_{1.006}\quad b = ^{0.824}_{0.824}\quad B3$

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.29\,^{1.27}_{1.36}$ $\quad a = ^{1.006}_{1.006}\quad b = ^{0.823}_{0.823}\quad Sun$

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.43\,^{1.40}_{1.53}$ $\quad \frac{A(\lambda)}{E(B-V)}:\quad (3.941, 0.074)^{r=1.00}_{B3}\quad (4.234, 0.093)^{r=1.00}_{Sun}\quad (4.834, 0.080)^{r=1.00}_{M2}$

$\lambda_{eff} = 4544.0 + 0.2 \times E(B-V)$ r=1.00 $\qquad W_{eff} = 54.0 - 0.0 \times E(B-V)$ r=−0.96

$\lambda_{eff}(T) = 4543.8 + 0.5 \times \theta + 0.4 \times \theta^2 - 0.2 \times \theta^3$ $\qquad W_{eff}(T) = 54.0 + 0.1 \times \theta - 0.1 \times \theta^2 - 0.0 \times \theta^3$

4724 original profile: rectangular
$\lambda_c = 4724$
WHM = 54

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4724	4724	4724	4724	4724	4745
[54]	[54]	[54]	[54]	[54]	[14]

WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4714	4717	4718	4724	4721	4724

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.14\,^{1.13}_{1.18}$ $\quad a = ^{1.013}_{1.013}\quad b = ^{0.609}_{0.609}\quad B3$

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.23\,^{1.21}_{1.29}$ $\quad a = ^{1.013}_{1.013}\quad b = ^{0.609}_{0.608}\quad Sun$

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.35\,^{1.31}_{1.43}$ $\quad \frac{A(\lambda)}{E(B-V)}:\quad (3.763, 0.070)^{r=1.00}_{B3}\quad (4.042, 0.089)^{r=1.00}_{Sun}\quad (4.616, 0.076)^{r=1.00}_{M2}$

$\lambda_{eff} = 4724.0 + 0.2 \times E(B-V)$ r=1.00 $\qquad W_{eff} = 54.0 - 0.0 \times E(B-V)$ r=−0.96

$\lambda_{eff}(T) = 4723.8 + 0.4 \times \theta + 0.3 \times \theta^2 - 0.2 \times \theta^3$ $\qquad W_{eff}(T) = 54.0 + 0.1 \times \theta - 0.1 \times \theta^2 - 0.0 \times \theta^3$

4954 original profile: rectangular
$\lambda_c = 4954$
WHM = 54

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4954	4954	4954	4954	4950	4951
[54]	[54]	[54]	[54]	[52]	[52]

WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4953	4953	4959	4955	4957	4954

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.10\,^{1.09}_{1.14}$ $\quad a = ^{1.016}_{1.016}\quad b = ^{0.371}_{0.371}\quad B3$

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.16\,^{1.14}_{1.22}$ $\quad a = ^{1.016}_{1.016}\quad b = ^{0.371}_{0.371}\quad Sun$

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.24\,^{1.21}_{1.32}$ $\quad \frac{A(\lambda)}{E(B-V)}:\quad (3.537, 0.066)^{r=1.00}_{B3}\quad (3.800, 0.084)^{r=1.00}_{Sun}\quad (4.345, 0.072)^{r=1.00}_{M2}$

$\lambda_{eff} = 4954.0 + 0.2 \times E(B-V)$ r=1.00 $\qquad W_{eff} = 54.0 - 0.0 \times E(B-V)$ r=−0.96

$\lambda_{eff}(T) = 4953.8 + 0.4 \times \theta + 0.3 \times \theta^2 - 0.2 \times \theta^3$ $\qquad W_{eff}(T) = 54.0 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

5120 original profile: rectangular
$\lambda_c = 5120$
WHM = 54

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
5120	5120	5120	5120	5120	5111
[54]	[54]	[54]	[54]	[54]	[41]

WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
5120	5121	5120	5120	5121	5120

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.07\,^{1.06}_{1.11}$ $\quad a = ^{1.015}_{1.015}\quad b = ^{0.230}_{0.229}\quad B3$

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.11\,^{1.09}_{1.17}$ $\quad a = ^{1.015}_{1.015}\quad b = ^{0.230}_{0.230}\quad Sun$

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.16\,^{1.13}_{1.25}$ $\quad \frac{A(\lambda)}{E(B-V)}:\quad (3.381, 0.063)^{r=1.00}_{B3}\quad (3.632, 0.080)^{r=1.00}_{Sun}\quad (4.148, 0.069)^{r=1.00}_{M2}$

$\lambda_{eff} = 5120.0 + 0.2 \times E(B-V)$ r=1.00 $\qquad W_{eff} = 54.0 - 0.0 \times E(B-V)$ r=−0.96

$\lambda_{eff}(T) = 5119.8 + 0.4 \times \theta + 0.3 \times \theta^2 - 0.1 \times \theta^3$ $\qquad W_{eff}(T) = 54.0 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

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