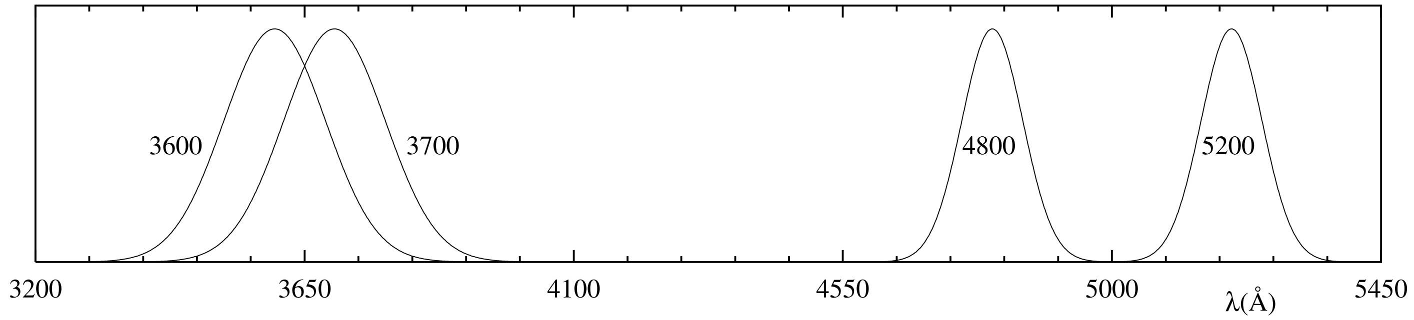
Avetisyan et al. - 1981



3600 assumed profile: gaussian

$\lambda_c = 3600$
WHM = 200
$W_\circ = 213$

	B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
	3596	3603	3604	3617	3624	3625
	[215]	[219]	[208]	[194]	[184]	[173]
	WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
	3587	3604	3666	3613	3599	3595

$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.35\ ^{1.33}_{1.39}$	$a = {}^{0.953}_{0.954}$ $b = {}^{1.911}_{1.902}$	*B3*
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.58\ ^{1.56}_{1.65}$	$a = {}^{0.954}_{0.955}$ $b = {}^{1.901}_{1.893}$	*Sun*
$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.90\ ^{1.85}_{2.01}$	$\frac{A(\lambda)}{E(B-V)}$: $(4.835, 0.087)^{r=1.00}_{B3}$ $(5.185, 0.110)^{r=1.00}_{Sun}$ $(5.896, 0.093)^{r=1.00}_{M2}$	

$\lambda_{eff} = 3599.9 + 7.4 \times E(B-V)$ r=1.00 | $W_{eff} = 213.5 - 2.4 \times E(B-V)$ r=-0.97

$\lambda_{eff}(T) = 3591.4 + 24.5 \times \theta + 12.3 \times \theta^2 - 6.7 \times \theta^3$ | $W_{eff}(T) = 211.2 + 11.6 \times \theta - 21.2 \times \theta^2 + 0.5 \times \theta^3$

3700 assumed profile: gaussian

$\lambda_c = 3700$
WHM = 200
$W_\circ = 213$

	B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
	3703	3720	3700	3700	3714	3685
	[216]	[206]	[206]	[197]	[193]	[162]
	WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
	3695	3704	3724	3703	3705	3695

$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.33\ ^{1.32}_{1.38}$	$a = {}^{0.966}_{0.967}$ $b = {}^{1.794}_{1.787}$	*B3*
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.55\ ^{1.52}_{1.63}$	$a = {}^{0.966}_{0.966}$ $b = {}^{1.797}_{1.791}$	*Sun*
$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.84\ ^{1.79}_{1.98}$	$\frac{A(\lambda)}{E(B-V)}$: $(4.725, 0.085)^{r=1.00}_{B3}$ $(5.079, 0.108)^{r=1.00}_{Sun}$ $(5.783, 0.091)^{r=1.00}_{M2}$	

$\lambda_{eff} = 3699.9 + 7.1 \times E(B-V)$ r=1.00 | $W_{eff} = 213.5 - 2.2 \times E(B-V)$ r=-0.97

$\lambda_{eff}(T) = 3691.7 + 22.9 \times \theta + 12.1 \times \theta^2 - 6.5 \times \theta^3$ | $W_{eff}(T) = 211.3 + 10.5 \times \theta - 18.5 \times \theta^2 - 0.0 \times \theta^3$

4800 (interference filter) assumed profile: gaussian

$\lambda_c = 4800$
WHM = 120
$W_\circ = 128$

	B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
	4797	4794	4799	4801	4803	4811
	[127]	[124]	[127]	[127]	[130]	[108]
	WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
	4788	4783	4855	4825	4823	4792

$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.13\ ^{1.12}_{1.16}$	$a = {}^{1.014}_{1.014}$ $b = {}^{0.528}_{0.526}$	*B3*
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.21\ ^{1.19}_{1.26}$	$a = {}^{1.014}_{1.014}$ $b = {}^{0.526}_{0.524}$	*Sun*
$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.31\ ^{1.28}_{1.39}$	$\frac{A(\lambda)}{E(B-V)}$: $(3.690, 0.068)^{r=1.00}_{B3}$ $(3.963, 0.086)^{r=1.00}_{Sun}$ $(4.521, 0.073)^{r=1.00}_{M2}$	

$\lambda_{eff} = 4800.0 + 2.5 \times E(B-V)$ r=1.00 | $W_{eff} = 127.9 - 0.5 \times E(B-V)$ r=-0.96

$\lambda_{eff}(T) = 4797.8 + 4.3 \times \theta + 3.4 \times \theta^2 - 1.7 \times \theta^3$ | $W_{eff}(T) = 127.5 + 0.9 \times \theta - 1.0 \times \theta^2 - 0.3 \times \theta^3$

5200 (interference filter) assumed profile: gaussian

$\lambda_c = 5200$
WHM = 120
$W_\circ = 128$

	B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
	5198	5198	5200	5203	5206	5226
	[128]	[128]	[128]	[129]	[132]	[97]
	WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
	5199	5200	5191	5200	5196	5198

$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.06\ ^{1.04}_{1.08}$	$a = {}^{1.013}_{1.013}$ $b = {}^{0.172}_{0.170}$	*B3*
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.08\ ^{1.07}_{1.13}$	$a = {}^{1.013}_{1.013}$ $b = {}^{0.170}_{0.169}$	*Sun*
$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.13\ ^{1.10}_{1.19}$	$\frac{A(\lambda)}{E(B-V)}$: $(3.310, 0.061)^{r=1.00}_{B3}$ $(3.555, 0.077)^{r=1.00}_{Sun}$ $(4.054, 0.066)^{r=1.00}_{M2}$	

$\lambda_{eff} = 5200.0 + 2.3 \times E(B-V)$ r=1.00 | $W_{eff} = 127.8 - 0.4 \times E(B-V)$ r=-0.97

$\lambda_{eff}(T) = 5197.9 + 3.5 \times \theta + 3.1 \times \theta^2 - 1.5 \times \theta^3$ | $W_{eff}(T) = 127.6 + 0.6 \times \theta - 0.6 \times \theta^2 - 0.3 \times \theta^3$

(continues) ⇒