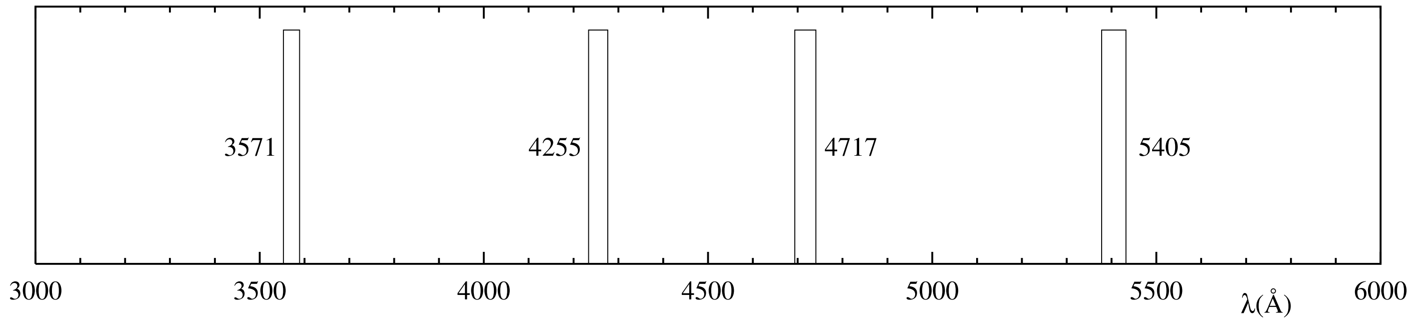
Greenstein - 1976



3571 original profile: rectangular

$\lambda_c = 3571$

WHM = 36

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
3571	3571	3569	3567	3568	3584
[36]	[36]	[34]	[31]	[33]	[11]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.35\ ^{1.34}_{1.39}$ $a = ^{0.948}_{0.948}$ $b = ^{1.942}_{1.941}$ *B3*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.59\ ^{1.57}_{1.67}$ $a = ^{0.948}_{0.948}$ $b = ^{1.944}_{1.944}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.92\ ^{1.87}_{2.04}$

WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
3571	3570	3571	3571	3571	3571

$\frac{A(\lambda)}{E(B-V)}$: $(4.859, 0.091)^{r=1.00}_{B3}$ $(5.222, 0.115)^{r=1.00}_{Sun}$ $(5.966, 0.099)^{r=1.00}_{M2}$

$\lambda_{eff} = 3571.0 + 0.1 \times E(B-V)$ r=1.00

$W_{eff} = 36.0 - 0.0 \times E(B-V)$ r=-0.96

$\lambda_{eff}(T) = 3570.9 + 0.4 \times \theta + 0.2 \times \theta^2 - 0.1 \times \theta^3$

$W_{eff}(T) = 36.0 + 0.0 \times \theta - 0.1 \times \theta^2 - 0.0 \times \theta^3$

4255 original profile: rectangular

$\lambda_c = 4255$

WHM = 43

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4254	4254	4254	4254	4255	4257
[43]	[43]	[43]	[43]	[43]	[40]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.23\ ^{1.22}_{1.27}$ $a = ^{0.993}_{0.993}$ $b = ^{1.193}_{1.193}$ *B3*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.38\ ^{1.36}_{1.45}$ $a = ^{0.993}_{0.993}$ $b = ^{1.194}_{1.194}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.57\ ^{1.53}_{1.68}$

WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4254	4255	4255	4255	4256	4254

$\frac{A(\lambda)}{E(B-V)}$: $(4.214, 0.079)^{r=1.00}_{B3}$ $(4.527, 0.100)^{r=1.00}_{Sun}$ $(5.170, 0.086)^{r=1.00}_{M2}$

$\lambda_{eff} = 4255.0 + 0.1 \times E(B-V)$ r=1.00

$W_{eff} = 43.0 - 0.0 \times E(B-V)$ r=-0.96

$\lambda_{eff}(T) = 4254.8 + 0.4 \times \theta + 0.2 \times \theta^2 - 0.1 \times \theta^3$

$W_{eff}(T) = 43.0 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

4717 original profile: rectangular

$\lambda_c = 4717$

WHM = 47

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4716	4716	4716	4716	4716	4738
[47]	[47]	[47]	[47]	[47]	[5]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.14\ ^{1.13}_{1.18}$ $a = ^{1.012}_{1.012}$ $b = ^{0.618}_{0.617}$ *B3*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.24\ ^{1.22}_{1.29}$ $a = ^{1.012}_{1.012}$ $b = ^{0.617}_{0.617}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.35\ ^{1.32}_{1.43}$

WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4707	4710	4716	4716	4713	4716

$\frac{A(\lambda)}{E(B-V)}$: $(3.770, 0.071)^{r=1.00}_{B3}$ $(4.050, 0.089)^{r=1.00}_{Sun}$ $(4.626, 0.077)^{r=1.00}_{M2}$

$\lambda_{eff} = 4717.0 + 0.2 \times E(B-V)$ r=1.00

$W_{eff} = 47.0 - 0.0 \times E(B-V)$ r=-0.96

$\lambda_{eff}(T) = 4716.8 + 0.3 \times \theta + 0.3 \times \theta^2 - 0.1 \times \theta^3$

$W_{eff}(T) = 47.0 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

5405 original profile: rectangular

$\lambda_c = 5405$

WHM = 54

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
5405	5405	5405	5405	5405	5405
[54]	[54]	[54]	[54]	[54]	[54]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.02\ ^{1.01}_{1.05}$ $a = ^{1.005}_{1.005}$ $b = ^{0.045}_{0.045}$ *B3*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.03\ ^{1.01}_{1.08}$ $a = ^{1.005}_{1.005}$ $b = ^{0.045}_{0.045}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.04\ ^{1.02}_{1.11}$

WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
5408	5406	5406	5405	5406	5405

$\frac{A(\lambda)}{E(B-V)}$: $(3.133, 0.059)^{r=1.00}_{B3}$ $(3.365, 0.074)^{r=1.00}_{Sun}$ $(3.844, 0.064)^{r=1.00}_{M2}$

$\lambda_{eff} = 5405.0 + 0.2 \times E(B-V)$ r=1.00

$W_{eff} = 54.0 - 0.0 \times E(B-V)$ r=-0.96

$\lambda_{eff}(T) = 5404.8 + 0.3 \times \theta + 0.3 \times \theta^2 - 0.1 \times \theta^3$

$W_{eff}(T) = 54.0 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

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