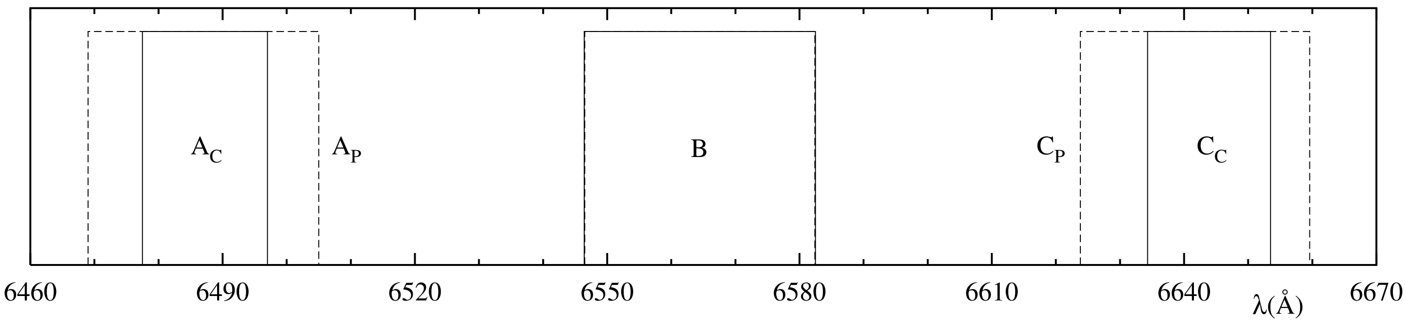

A$_{Cambridge}$ original profile: rectangular

$\lambda_c = 6487.2$
WHM = 19.5

B3	Vega	Sun	K2	M2	Carbon
6487.2	6487.2	6487.1	6487.0	6486.8	6485.9
[19.5]	[19.5]	[19.5]	[19.5]	[19.3]	[18.4]

			WN	WC	PN_{Ne}	PN^{Ne}	Nova	WDA
$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.85\ ^{0.84}_{0.88}$	$a = {}^{0.916}_{0.916}$ $b = {}^{-0.268}_{-0.268}$	B3						
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.79\ ^{0.78}_{0.83}$	$a = {}^{0.916}_{0.916}$ $b = {}^{-0.268}_{-0.268}$	Sun	6487.1	6487.2	6485.6	6487.3	6487.2	6487.2

$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.71\ ^{0.69}_{0.76}$; $\frac{A(\lambda)}{E(B-V)}$: $(2.408, 0.045)^{r=1.00}_{B3}$ $(2.595, 0.057)^{r=1.00}_{Sun}$ $(2.968, 0.046)^{r=1.00}_{M2}$

$\lambda_{eff} = 6487.2 + 0.0 \times E(B-V)$ r=1.00 ; $W_{eff} = 19.5 - 0.0 \times E(B-V)$ r=−0.92

$\lambda_{eff}(T) = 6487.2 + 0.0 \times \theta + 0.0 \times \theta^2 - 0.0 \times \theta^3$; $W_{eff}(T) = 19.5 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

B$_{Cambridge}$ original profile: rectangular

$\lambda_c = 6564.4$
WHM = 36.1

B3	Vega	Sun	K2	M2	Carbon
6564.4	6564.5	6564.5	6564.5	6564.6	6564.6
[36.1]	[36.1]	[36.1]	[36.1]	[36.2]	[36.1]

			WN	WC	PN_{Ne}	PN^{Ne}	Nova	WDA
$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.84\ ^{0.83}_{0.87}$	$a = {}^{0.909}_{0.909}$ $b = {}^{-0.283}_{-0.283}$	B3						
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.78\ ^{0.76}_{0.81}$	$a = {}^{0.909}_{0.909}$ $b = {}^{-0.283}_{-0.283}$	Sun	6564.3	6566.7	6563.6	6563.9	6565.7	6564.5

$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.69\ ^{0.68}_{0.74}$; $\frac{A(\lambda)}{E(B-V)}$: $(2.366, 0.044)^{r=1.00}_{B3}$ $(2.550, 0.056)^{r=1.00}_{Sun}$ $(2.916, 0.045)^{r=1.00}_{M2}$

$\lambda_{eff} = 6564.4 + 0.1 \times E(B-V)$ r=1.00 ; $W_{eff} = 36.1 - 0.1 \times E(B-V)$ r=−0.93

$\lambda_{eff}(T) = 6564.4 + 0.1 \times \theta + 0.1 \times \theta^2 - 0.0 \times \theta^3$; $W_{eff}(T) = 36.0 + 0.3 \times \theta - 0.0 \times \theta^2 - 0.2 \times \theta^3$

C$_{Cambridge}$ original profile: rectangular

$\lambda_c = 6643.9$
WHM = 19.2

B3	Vega	Sun	K2	M2	Carbon
6643.9	6643.9	6644.0	6643.9	6643.7	6643.4
[19.2]	[19.2]	[19.2]	[19.2]	[19.2]	[19.1]

			WN	WC	PN_{Ne}	PN^{Ne}	Nova	WDA
$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.83\ ^{0.82}_{0.86}$	$a = {}^{0.901}_{0.901}$ $b = {}^{-0.297}_{-0.297}$	B3						
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.76\ ^{0.75}_{0.80}$	$a = {}^{0.901}_{0.901}$ $b = {}^{-0.297}_{-0.297}$	Sun	6644.0	6643.9	6643.7	6644.0	6644.1	6643.9

$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.68\ ^{0.66}_{0.72}$; $\frac{A(\lambda)}{E(B-V)}$: $(2.324, 0.044)^{r=1.00}_{B3}$ $(2.505, 0.055)^{r=1.00}_{Sun}$ $(2.865, 0.044)^{r=1.00}_{M2}$

$\lambda_{eff} = 6643.9 + 0.0 \times E(B-V)$ r=1.00 ; $W_{eff} = 19.2 - 0.0 \times E(B-V)$ r=−0.93

$\lambda_{eff}(T) = 6643.9 + 0.0 \times \theta + 0.0 \times \theta^2 - 0.0 \times \theta^3$; $W_{eff}(T) = 19.2 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

A$_{Pretoria}$ original profile: rectangular

$\lambda_c = 6487.0$
WHM = 36.0

B3	Vega	Sun	K2	M2	Carbon
6486.9	6486.9	6486.8	6486.7	6486.2	6484.2
[36.0]	[36.0]	[36.0]	[36.0]	[36.1]	[34.6]

			WN	WC	PN_{Ne}	PN^{Ne}	Nova	WDA
$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.85\ ^{0.84}_{0.88}$	$a = {}^{0.916}_{0.916}$ $b = {}^{-0.268}_{-0.268}$	B3						
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.79\ ^{0.78}_{0.83}$	$a = {}^{0.916}_{0.916}$ $b = {}^{-0.268}_{-0.268}$	Sun	6486.7	6486.8	6486.3	6487.2	6486.8	6486.8

$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.71\ ^{0.69}_{0.76}$; $\frac{A(\lambda)}{E(B-V)}$: $(2.408, 0.045)^{r=1.00}_{B3}$ $(2.595, 0.057)^{r=1.00}_{Sun}$ $(2.968, 0.046)^{r=1.00}_{M2}$

$\lambda_{eff} = 6487.0 + 0.1 \times E(B-V)$ r=1.00 ; $W_{eff} = 36.0 - 0.1 \times E(B-V)$ r=−0.92

$\lambda_{eff}(T) = 6486.9 + 0.1 \times \theta + 0.1 \times \theta^2 - 0.0 \times \theta^3$; $W_{eff}(T) = 35.9 + 0.3 \times \theta - 0.0 \times \theta^2 - 0.2 \times \theta^3$

B$_{Pretoria}$ original profile: rectangular

$\lambda_c = 6564.4$
WHM = 35.9

B3	Vega	Sun	K2	M2	Carbon
6564.4	6564.5	6564.5	6564.5	6564.6	6564.6
[35.9]	[35.9]	[35.9]	[35.9]	[35.9]	[35.9]

			WN	WC	PN_{Ne}	PN^{Ne}	Nova	WDA
$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.84\ ^{0.83}_{0.87}$	$a = {}^{0.909}_{0.909}$ $b = {}^{-0.283}_{-0.283}$	B3						
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.78\ ^{0.76}_{0.81}$	$a = {}^{0.909}_{0.909}$ $b = {}^{-0.283}_{-0.283}$	Sun	6564.3	6566.7	6563.5	6563.9	6565.7	6564.5

$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.69\ ^{0.68}_{0.74}$; $\frac{A(\lambda)}{E(B-V)}$: $(2.366, 0.044)^{r=1.00}_{B3}$ $(2.550, 0.056)^{r=1.00}_{Sun}$ $(2.916, 0.045)^{r=1.00}_{M2}$

$\lambda_{eff} = 6564.4 + 0.1 \times E(B-V)$ r=1.00 ; $W_{eff} = 35.9 - 0.1 \times E(B-V)$ r=−0.93

$\lambda_{eff}(T) = 6564.4 + 0.1 \times \theta + 0.1 \times \theta^2 - 0.0 \times \theta^3$; $W_{eff}(T) = 35.8 + 0.3 \times \theta - 0.0 \times \theta^2 - 0.2 \times \theta^3$

C$_{Pretoria}$ original profile: rectangular

$\lambda_c = 6641.7$
WHM = 35.8

B3	Vega	Sun	K2	M2	Carbon
6641.6	6641.7	6641.7	6641.7	6641.1	6641.2
[35.8]	[35.8]	[35.8]	[35.8]	[35.6]	[35.8]

			WN	WC	PN_{Ne}	PN^{Ne}	Nova	WDA
$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.83\ ^{0.82}_{0.86}$	$a = {}^{0.901}_{0.901}$ $b = {}^{-0.297}_{-0.297}$	B3						
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.76\ ^{0.75}_{0.80}$	$a = {}^{0.901}_{0.901}$ $b = {}^{-0.297}_{-0.297}$	Sun	6642.0	6641.5	6641.3	6641.4	6642.3	6641.8

$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.68\ ^{0.66}_{0.72}$; $\frac{A(\lambda)}{E(B-V)}$: $(2.326, 0.044)^{r=1.00}_{B3}$ $(2.506, 0.055)^{r=1.00}_{Sun}$ $(2.867, 0.044)^{r=1.00}_{M2}$

$\lambda_{eff} = 6641.7 + 0.1 \times E(B-V)$ r=1.00 ; $W_{eff} = 35.8 - 0.1 \times E(B-V)$ r=−0.93

$\lambda_{eff}(T) = 6641.6 + 0.1 \times \theta + 0.1 \times \theta^2 - 0.0 \times \theta^3$; $W_{eff}(T) = 35.7 + 0.3 \times \theta - 0.0 \times \theta^2 - 0.1 \times \theta^3$