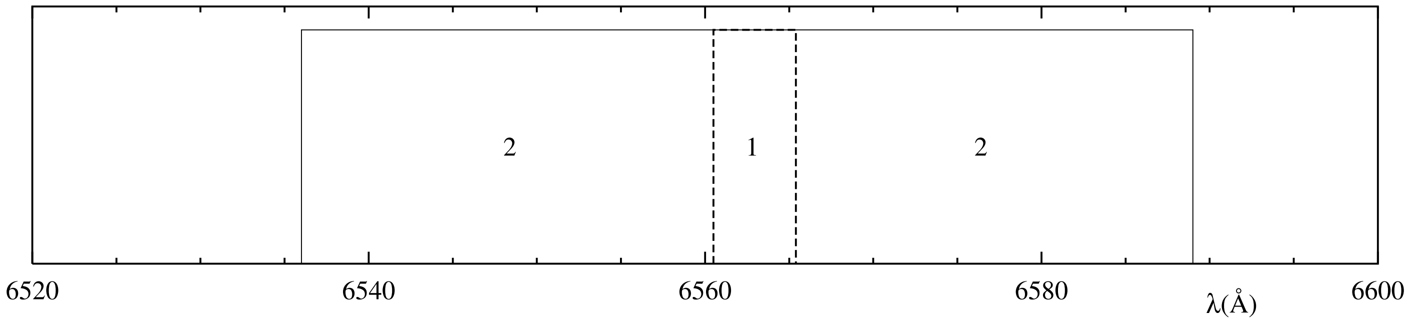
Caplan - 1973



1 original profile: rectangular
$\lambda_c = 6563.0$
WHM = 4.9

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
6562.8	6562.8	6562.6	6562.8	6562.9	6563.0
[4.9]	[4.9]	[4.7]	[4.9]	[4.9]	[4.9]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
6562.9	6563.0	6563.2	6563.5	6563.0	6562.9

$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.84\ ^{0.83}_{0.87}$	$a\ =\ ^{0.909}_{0.909}\quad b\ =\ ^{-0.282}_{-0.282}$ *B3*
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.78\ ^{0.76}_{0.81}$	$a\ =\ ^{0.909}_{0.909}\quad b\ =\ ^{-0.282}_{-0.282}$ *Sun*
$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.69\ ^{0.68}_{0.74}$	$\frac{A(\lambda)}{E(B-V)}$: $(2.367, 0.044)^{r=1.00}_{B3}$ $(2.551, 0.056)^{r=1.00}_{Sun}$ $(2.917, 0.045)^{r=1.00}_{M2}$
$\lambda_{eff} = 6563.0 + 0.0 \times E(B-V)$ r=1.00	$W_{eff} = 4.9 - 0.0 \times E(B-V)$ r=−0.92
$\lambda_{eff}(T) = 6562.9 + 0.0 \times \theta + 0.0 \times \theta^2 - 0.0 \times \theta^3$	$W_{eff}(T) = 4.9 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

2 original profile: rectangular
$\lambda_c = 6562.5$
WHM = 53.0

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
6562.2	6562.1	6562.3	6562.4	6562.3	6563.3
[53.0]	[53.0]	[53.0]	[53.0]	[53.0]	[52.8]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
6563.4	6566.5	6571.9	6569.3	6565.0	6562.2

$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.84\ ^{0.83}_{0.87}$	$a\ =\ ^{0.909}_{0.909}\quad b\ =\ ^{-0.282}_{-0.282}$ *B3*
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.78\ ^{0.76}_{0.81}$	$a\ =\ ^{0.909}_{0.909}\quad b\ =\ ^{-0.282}_{-0.282}$ *Sun*
$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.69\ ^{0.68}_{0.74}$	$\frac{A(\lambda)}{E(B-V)}$: $(2.367, 0.044)^{r=1.00}_{B3}$ $(2.551, 0.056)^{r=1.00}_{Sun}$ $(2.918, 0.045)^{r=1.00}_{M2}$
$\lambda_{eff} = 6562.5 + 0.1 \times E(B-V)$ r=1.00	$W_{eff} = 53.1 - 0.2 \times E(B-V)$ r=−0.93
$\lambda_{eff}(T) = 6562.4 + 0.2 \times \theta + 0.2 \times \theta^2 - 0.1 \times \theta^3$	$W_{eff}(T) = 52.7 + 0.9 \times \theta - 0.1 \times \theta^2 - 0.5 \times \theta^3$