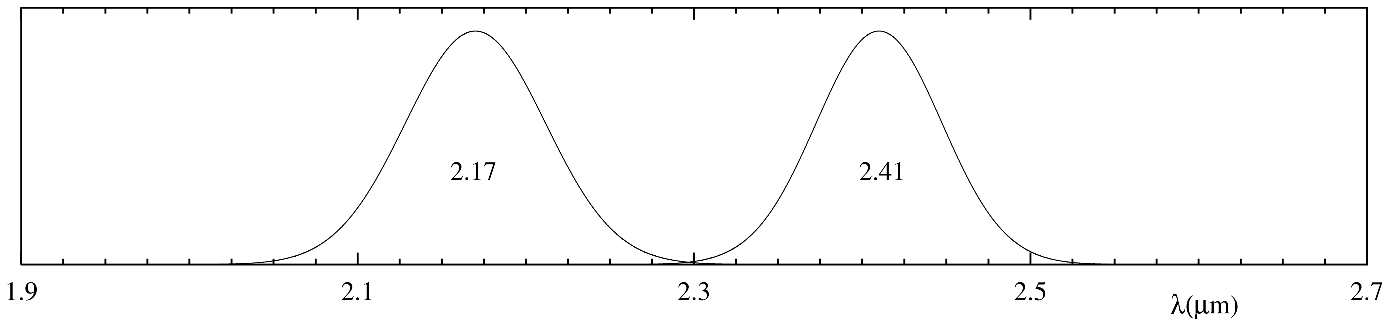
Pilachowski - 1978



2.17 (interference filter) assumed profile: gaussian

$\lambda_c = 2.17$

WHM = 0.10

$W_\circ = 0.10$

	B3	Vega	Sun	K2	M2	Carbon
λ	2.17	2.17	2.17	2.17	2.17	2.17
W	[0.10]	[0.10]	[0.10]	[0.10]	[0.10]	[0.10]

$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.11\ {}^{0.11}_{0.12}$	$a\ =\ {}^{0.165}_{0.165}\quad b\ =\ {}^{-0.152}_{-0.152}$	*B3*
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.11\ {}^{0.11}_{0.12}$	$a\ =\ {}^{0.165}_{0.165}\quad b\ =\ {}^{-0.152}_{-0.152}$	*Sun*
$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.12\ {}^{0.12}_{0.13}$	$\frac{A(\lambda)}{E(B-V)}$: $(0.351, 0.007)^{r=1.00}_{B3}$	$(0.377, 0.008)^{r=1.00}_{Sun}$ $(0.431, 0.007)^{r=1.00}_{M2}$

$\lambda_{eff} = 2.170 + 0.000 \times E(B-V)$ r=1.00	$W_{eff} = 0.104 - 0.000 \times E(B-V)$ r=−0.99
$\lambda_{eff}(T) = 2.17 + 0.01 \times \Phi + 0.01 \times \Phi^2 - 0.00 \times \Phi^3$	$W_{eff}(T) = 0.10 + 0.00 \times \Phi - 0.00 \times \Phi^2 - 0.00 \times \Phi^3$

2.41 (interference filter) assumed profile: gaussian

$\lambda_c = 2.41$

WHM = 0.09

$W_\circ = 0.09$

	B3	Vega	Sun	K2	M2	Carbon
λ	2.41	2.41	2.41	2.41	2.41	2.41
W	[0.09]	[0.09]	[0.09]	[0.09]	[0.09]	[0.09]

$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.10\ {}^{0.10}_{0.10}$	$a\ =\ {}^{0.139}_{0.139}\quad b\ =\ {}^{-0.128}_{-0.128}$	*B3*
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.10\ {}^{0.10}_{0.10}$	$a\ =\ {}^{0.139}_{0.139}\quad b\ =\ {}^{-0.128}_{-0.128}$	*Sun*
$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.10\ {}^{0.10}_{0.11}$	$\frac{A(\lambda)}{E(B-V)}$: $(0.304, 0.006)^{r=1.00}_{B3}$	$(0.326, 0.007)^{r=1.00}_{Sun}$ $(0.373, 0.006)^{r=1.00}_{M2}$

$\lambda_{eff} = 2.410 + 0.000 \times E(B-V)$ r=1.00	$W_{eff} = 0.094 - 0.000 \times E(B-V)$ r=−0.99
$\lambda_{eff}(T) = 2.41 + 0.00 \times \Phi + 0.00 \times \Phi^2 - 0.00 \times \Phi^3$	$W_{eff}(T) = 0.09 + 0.00 \times \Phi - 0.00 \times \Phi^2 - 0.00 \times \Phi^3$