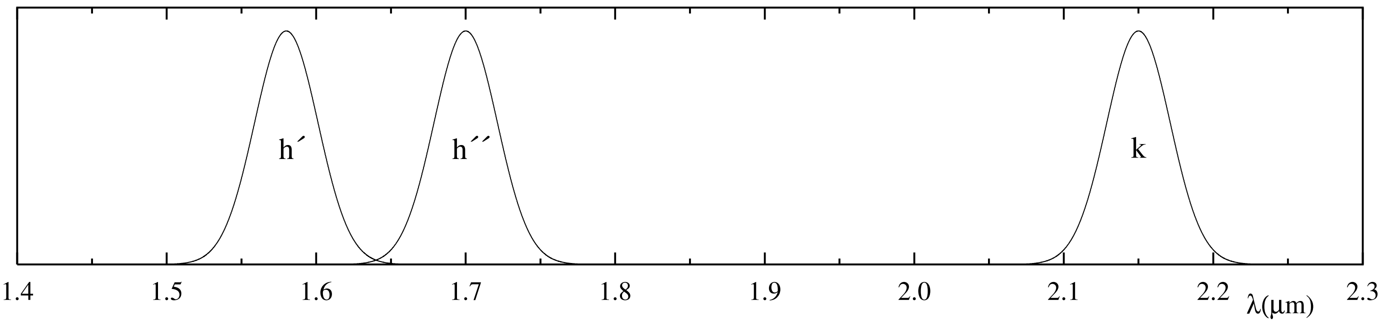
Khozof et al. - 1973



h′ (interference filter) assumed profile: gaussian

$\lambda_c = 1.58$

WHM $= 0.05$

$W_\circ = 0.05$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
1.58	1.58	1.58	1.58	1.58	1.58
[0.05]	[0.05]	[0.05]	[0.05]	[0.05]	[0.05]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 0.17\ ^{0.17}_{0.18}$ $\quad a = {}^{0.275}_{0.275}\quad b = {}^{-0.253}_{-0.253}\quad B3$

$\frac{A(\lambda)}{A(V)}|_{3.1} = 0.18\ ^{0.18}_{0.19}$ $\quad a = {}^{0.275}_{0.275}\quad b = {}^{-0.253}_{-0.252}\quad Sun$

$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.19\ ^{0.19}_{0.20}$ $\quad \frac{A(\lambda)}{E(B-V)}:\quad (0.554, 0.010)^{r=1.00}_{B3}\quad (0.596, 0.013)^{r=1.00}_{Sun}\quad (0.680, 0.011)^{r=1.00}_{M2}$

$\lambda_{eff} = 1.580 + 0.000 \times E(B-V)\quad r{=}1.00$

$W_{eff} = 0.053 - 0.000 \times E(B-V)\quad r{=}{-0.98}$

$\lambda_{eff}(T) = 1.58 + 0.00 \times \Phi + 0.00 \times \Phi^2 - 0.00 \times \Phi^3$

$W_{eff}(T) = 0.05 + 0.00 \times \Phi - 0.00 \times \Phi^2 - 0.00 \times \Phi^3$

h″ (interference filter) assumed profile: gaussian

$\lambda_c = 1.70$

WHM $= 0.05$

$W_\circ = 0.05$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
1.70	1.70	1.70	1.70	1.70	1.70
[0.05]	[0.05]	[0.05]	[0.05]	[0.05]	[0.05]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 0.16\ ^{0.15}_{0.16}$ $\quad a = {}^{0.245}_{0.244}\quad b = {}^{-0.224}_{-0.224}\quad B3$

$\frac{A(\lambda)}{A(V)}|_{3.1} = 0.16\ ^{0.16}_{0.17}$ $\quad a = {}^{0.244}_{0.244}\quad b = {}^{-0.224}_{-0.224}\quad Sun$

$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.17\ ^{0.17}_{0.18}$ $\quad \frac{A(\lambda)}{E(B-V)}:\quad (0.497, 0.009)^{r=1.00}_{B3}\quad (0.534, 0.012)^{r=1.00}_{Sun}\quad (0.610, 0.010)^{r=1.00}_{M2}$

$\lambda_{eff} = 1.700 + 0.000 \times E(B-V)\quad r{=}1.00$

$W_{eff} = 0.053 - 0.000 \times E(B-V)\quad r{=}{-0.98}$

$\lambda_{eff}(T) = 1.70 + 0.00 \times \Phi + 0.00 \times \Phi^2 - 0.00 \times \Phi^3$

$W_{eff}(T) = 0.05 + 0.00 \times \Phi - 0.00 \times \Phi^2 - 0.00 \times \Phi^3$

k (interference filter) assumed profile: gaussian

$\lambda_c = 2.15$

WHM $= 0.05$

$W_\circ = 0.05$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
2.15	2.15	2.15	2.15	2.15	2.15
[0.05]	[0.05]	[0.05]	[0.05]	[0.05]	[0.05]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 0.11\ ^{0.11}_{0.12}$ $\quad a = {}^{0.167}_{0.167}\quad b = {}^{-0.154}_{-0.154}\quad B3$

$\frac{A(\lambda)}{A(V)}|_{3.1} = 0.12\ ^{0.11}_{0.12}$ $\quad a = {}^{0.167}_{0.167}\quad b = {}^{-0.154}_{-0.154}\quad Sun$

$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.12\ ^{0.12}_{0.13}$ $\quad \frac{A(\lambda)}{E(B-V)}:\quad (0.355, 0.007)^{r=1.00}_{B3}\quad (0.382, 0.008)^{r=1.00}_{Sun}\quad (0.436, 0.007)^{r=1.00}_{M2}$

$\lambda_{eff} = 2.150 + 0.000 \times E(B-V)\quad r{=}1.00$

$W_{eff} = 0.053 - 0.000 \times E(B-V)\quad r{=}{-0.99}$

$\lambda_{eff}(T) = 2.15 + 0.00 \times \Phi + 0.00 \times \Phi^2 - 0.00 \times \Phi^3$

$W_{eff}(T) = 0.05 + 0.00 \times \Phi - 0.00 \times \Phi^2 - 0.00 \times \Phi^3$