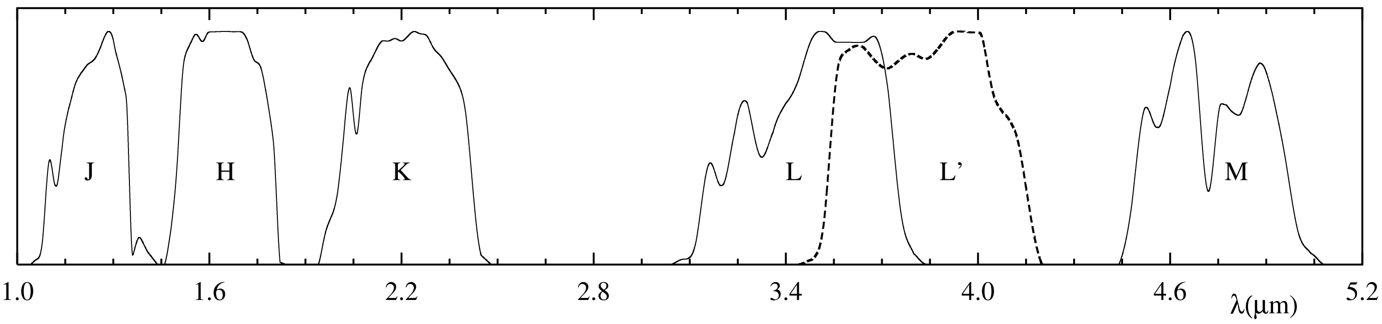
VJHKLL'M - Bessell and Brett - 1988



J

$\lambda_c = 1.24$	$\lambda_\circ = 1.24$	$\lambda_{peak} = 1.29$	$\lambda_{gauss} = 1.24$	*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WHM = 0.21	W10% = 0.31	W80% = 0.14	FWHM = 0.19	1.22	1.22	1.23	1.23	1.24	1.26
$W_\circ = 0.20$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.27\,{}^{0.26}_{0.27}$	$a = {}^{0.417}_{0.413}$ $b = {}^{-0.382}_{-0.379}$	*B3*	[0.20]	[0.20]	[0.20]	[0.20]	[0.20]	[0.18]
$\mu = 0.07$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.27\,{}^{0.27}_{0.28}$	$a = {}^{0.413}_{0.410}$ $b = {}^{-0.379}_{-0.376}$	*Sun*						
$I_{asym} = -0.16$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.27\,{}^{0.27}_{0.28}$	$\frac{A(\lambda)}{E(B-V)}$:	$(0.843, 0.012)^{r=1.00}_{B3}$	$(0.896, 0.016)^{r=1.00}_{Sun}$	$(1.012, 0.012)^{r=1.00}_{M2}$				
$I_{kurt} = -0.71$	$\lambda_{eff} = 1.237 + 0.006 \times E(B-V)$ r=1.00			$W_{eff} = 0.203 - 0.002 \times E(B-V)$ r=−0.98					
	$\lambda_{eff}(T) = 1.22 + 0.10 \times \Phi - 0.00 \times \Phi^2 - 0.01 \times \Phi^3$			$W_{eff}(T) = 0.19 + 0.12 \times \Phi - 0.38 \times \Phi^2 + 0.19 \times \Phi^3$					

H

$\lambda_c = 1.65$	$\lambda_\circ = 1.65$	$\lambda_{peak} = 1.65$	$\lambda_{gauss} = 1.64$	*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WHM = 0.30	W10% = 0.34	W80% = 0.25	FWHM = 0.27	1.63	1.63	1.63	1.64	1.65	1.67
$W_\circ = 0.29$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.16\,{}^{0.17}_{0.17}$	$a = {}^{0.261}_{0.261}$ $b = {}^{-0.240}_{-0.239}$	*B3*	[0.28]	[0.28]	[0.28]	[0.28]	[0.29]	[0.25]
$\mu = 0.09$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.17\,{}^{0.17}_{0.18}$	$a = {}^{0.261}_{0.260}$ $b = {}^{-0.239}_{-0.239}$	*Sun*						
$I_{asym} = 0.03$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.18\,{}^{0.18}_{0.19}$	$\frac{A(\lambda)}{E(B-V)}$:	$(0.532, 0.009)^{r=1.00}_{B3}$	$(0.569, 0.012)^{r=1.00}_{Sun}$	$(0.641, 0.009)^{r=1.00}_{M2}$				
$I_{kurt} = -1.07$	$\lambda_{eff} = 1.646 + 0.003 \times E(B-V)$ r=1.00			$W_{eff} = 0.286 - 0.001 \times E(B-V)$ r=−0.97					
	$\lambda_{eff}(T) = 1.63 + 0.06 \times \Phi + 0.03 \times \Phi^2 - 0.02 \times \Phi^3$			$W_{eff}(T) = 0.27 + 0.14 \times \Phi - 0.31 \times \Phi^2 + 0.11 \times \Phi^3$					

K

$\lambda_c = 2.21$	$\lambda_\circ = 2.21$	$\lambda_{peak} = 2.24$	$\lambda_{gauss} = 2.22$	*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WHM = 0.40	W10% = 0.48	W80% = 0.28	FWHM = 0.34	2.19	2.19	2.19	2.19	2.19	2.21
$W_\circ = 0.37$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.11\,{}^{0.11}_{0.11}$	$a = {}^{0.163}_{0.163}$ $b = {}^{-0.150}_{-0.149}$	*B3*	[0.35]	[0.35]	[0.35]	[0.35]	[0.35]	[0.36]
$\mu = 0.12$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.11\,{}^{0.11}_{0.12}$	$a = {}^{0.163}_{0.162}$ $b = {}^{-0.149}_{-0.149}$	*Sun*						
$I_{asym} = -0.07$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.12\,{}^{0.11}_{0.12}$	$\frac{A(\lambda)}{E(B-V)}$:	$(0.349, 0.006)^{r=1.00}_{B3}$	$(0.374, 0.008)^{r=1.00}_{Sun}$	$(0.427, 0.007)^{r=1.00}_{M2}$				
$I_{kurt} = -0.95$	$\lambda_{eff} = 2.212 + 0.003 \times E(B-V)$ r=1.00			$W_{eff} = 0.366 - 0.001 \times E(B-V)$ r=−0.98					
	$\lambda_{eff}(T) = 2.19 + 0.06 \times \Phi + 0.04 \times \Phi^2 - 0.03 \times \Phi^3$			$W_{eff}(T) = 0.35 + 0.10 \times \Phi - 0.16 \times \Phi^2 + 0.03 \times \Phi^3$					

L

$\lambda_c = 3.48$	$\lambda_\circ = 3.48$	$\lambda_{peak} = 3.51$	$\lambda_{gauss} = 3.52$	*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WHM = 0.51	W10% = 0.66	W80% = 0.27	FWHM = 0.43	3.45	3.45	3.45	3.45	3.45	3.45
$W_\circ = 0.46$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.06\,{}^{0.06}_{0.06}$	$a = {}^{0.078}_{0.078}$ $b = {}^{-0.072}_{-0.072}$	*B3*	[0.45]	[0.45]	[0.45]	[0.45]	[0.45]	[0.45]
$\mu = 0.17$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.06\,{}^{0.06}_{0.06}$	$a = {}^{0.078}_{0.078}$ $b = {}^{-0.072}_{-0.072}$	*Sun*						
$I_{asym} = -0.33$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.06\,{}^{0.06}_{0.07}$	$\frac{A(\lambda)}{E(B-V)}$:	$(0.189, 0.003)^{r=1.00}_{B3}$	$(0.203, 0.004)^{r=1.00}_{Sun}$	$(0.232, 0.004)^{r=1.00}_{M2}$				
$I_{kurt} = -0.87$	$\lambda_{eff} = 3.484 + 0.002 \times E(B-V)$ r=1.00			$W_{eff} = 0.459 - 0.000 \times E(B-V)$ r=−0.99					
	$\lambda_{eff}(T) = 3.45 + 0.04 \times \Phi + 0.04 \times \Phi^2 - 0.02 \times \Phi^3$			$W_{eff}(T) = 0.45 + 0.04 \times \Phi - 0.02 \times \Phi^2 - 0.02 \times \Phi^3$					

L′

$\lambda_c = 3.83$	$\lambda_\circ = 3.83$	$\lambda_{peak} = 3.94$	$\lambda_{gauss} = 3.83$	*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WHM = 0.59	W10% = 0.67	W80% = 0.48	FWHM = 0.51	3.80	3.80	3.80	3.80	3.80	3.80
$W_\circ = 0.54$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.05\,{}^{0.05}_{0.06}$	$a = {}^{0.067}_{0.067}$ $b = {}^{-0.061}_{-0.061}$	*B3*	[0.52]	[0.52]	[0.52]	[0.52]	[0.52]	[0.53]
$\mu = 0.17$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.05\,{}^{0.05}_{0.06}$	$a = {}^{0.067}_{0.067}$ $b = {}^{-0.061}_{-0.061}$	*Sun*						
$I_{asym} = 0.01$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.05\,{}^{0.05}_{0.06}$	$\frac{A(\lambda)}{E(B-V)}$:	$(0.167, 0.003)^{r=1.00}_{B3}$	$(0.179, 0.004)^{r=1.00}_{Sun}$	$(0.205, 0.003)^{r=1.00}_{M2}$				
$I_{kurt} = -1.10$	$\lambda_{eff} = 3.832 + 0.002 \times E(B-V)$ r=1.00			$W_{eff} = 0.538 - 0.000 \times E(B-V)$ r=−0.98					
	$\lambda_{eff}(T) = 3.80 + 0.03 \times \Phi + 0.04 \times \Phi^2 - 0.02 \times \Phi^3$			$W_{eff}(T) = 0.52 + 0.04 \times \Phi - 0.00 \times \Phi^2 - 0.02 \times \Phi^3$					

M

$\lambda_c = 4.73$	$\lambda_\circ = 4.73$	$\lambda_{peak} = 4.65$	$\lambda_{gauss} = 4.72$	*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WHM = 0.45	W10% = 0.55	W80% = 0.30	FWHM = 0.33	4.72	4.72	4.72	4.72	4.72	4.72
$W_\circ = 0.35$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.04\,{}^{0.04}_{0.04}$	$a = {}^{0.047}_{0.047}$ $b = {}^{-0.043}_{-0.043}$	*B3*	[0.35]	[0.35]	[0.35]	[0.35]	[0.35]	[0.35]
$\mu = 0.15$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.04\,{}^{0.04}_{0.04}$	$a = {}^{0.047}_{0.047}$ $b = {}^{-0.043}_{-0.043}$	*Sun*						
$I_{asym} = 0.05$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.04\,{}^{0.04}_{0.04}$	$\frac{A(\lambda)}{E(B-V)}$:	$(0.127, 0.002)^{r=1.00}_{B3}$	$(0.136, 0.003)^{r=1.00}_{Sun}$	$(0.156, 0.003)^{r=1.00}_{M2}$				
$I_{kurt} = -1.15$	$\lambda_{eff} = 4.733 + 0.001 \times E(B-V)$ r=1.00			$W_{eff} = 0.350 - 0.000 \times E(B-V)$ r=−1.00					
	$\lambda_{eff}(T) = 4.72 + 0.01 \times \Phi + 0.01 \times \Phi^2 - 0.01 \times \Phi^3$			$W_{eff}(T) = 0.35 + 0.01 \times \Phi + 0.00 \times \Phi^2 - 0.00 \times \Phi^3$					