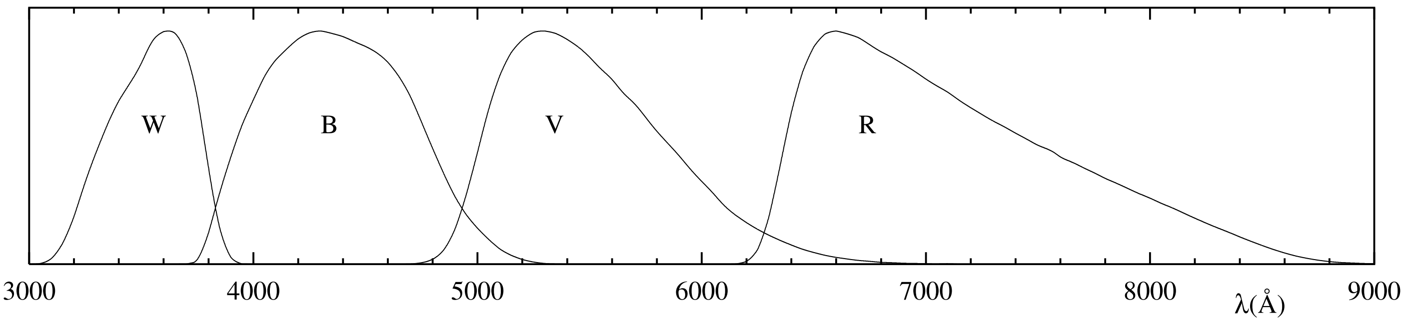
WBVR - Straizys - 1973



W

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 3546$	$\lambda_\circ = 3539$	$\lambda_{peak} = 3621$	$\lambda_{gauss} = 3557$	3523	3551	3552	3595	3620	3547
WHM = 478	W10% = 713	W80% = 266	FWHM = 435	[469]	[476]	[459]	[406]	[374]	[447]
$W_\circ = 463$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.36\,^{1.34}_{1.40}$	$a = {}^{0.938}_{0.945}$ $b = {}^{2.007}_{1.964}$ *B3*		*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 168$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.60\,^{1.58}_{1.68}$	$a = {}^{0.945}_{0.950}$ $b = {}^{1.966}_{1.932}$ *Sun*		3513	3524	3649	3557	3535	3510
$I_{asym} = -0.26$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.94\,^{1.89}_{2.06}$	$\frac{A(\lambda)}{E(B-V)}$: $(4.921, 0.074)^{r=1.00}_{B3}$		$(5.250, 0.098)^{r=1.00}_{Sun}$		$(5.906, 0.082)^{r=1.00}_{M2}$			
$I_{kurt} = -0.67$	$\lambda_{eff} = 3539.1 + 28.4 \times E(B-V)$ r=1.00			$W_{eff} = 468.3 - 20.8 \times E(B-V)$ r=−0.97					
	$\lambda_{eff}(T) = 3503 + 110 \times \theta + 37 \times \theta^2 - 32 \times \theta^3$			$W_{eff}(T) = 445 + 131 \times \theta - 273 \times \theta^2 + 81 \times \theta^3$					

B

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 4356$	$\lambda_\circ = 4381$	$\lambda_{peak} = 4298$	$\lambda_{gauss} = 4362$	4324	4346	4420	4498	4563	4691
WHM = 885	W10% = 1269	W80% = 605	FWHM = 814	[833]	[839]	[823]	[740]	[631]	[343]
$W_\circ = 866$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.20\,^{1.18}_{1.20}$	$a = {}^{0.996}_{1.000}$ $b = {}^{1.105}_{1.009}$ *B3*		*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 297$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.33\,^{1.30}_{1.33}$	$a = {}^{1.001}_{1.004}$ $b = {}^{0.981}_{0.887}$ *Sun*		4375	4433	4614	4377	4595	4348
$I_{asym} = 0.19$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.49\,^{1.44}_{1.48}$	$\frac{A(\lambda)}{E(B-V)}$: $(4.143, 0.040)^{r=0.99}_{B3}$		$(4.353, 0.053)^{r=1.00}_{Sun}$		$(4.807, 0.036)^{r=0.99}_{M2}$			
$I_{kurt} = -0.64$	$\lambda_{eff} = 4379.1 + 83.8 \times E(B-V)$ r=1.00			$W_{eff} = 889.4 - 85.1 \times E(B-V)$ r=−0.97					
	$\lambda_{eff}(T) = 4299 + 172 \times \theta + 148 \times \theta^2 - 83 \times \theta^3$			$W_{eff}(T) = 803 + 373 \times \theta - 621 \times \theta^2 + 139 \times \theta^3$					

V

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 5436$	$\lambda_\circ = 5507$	$\lambda_{peak} = 5294$	$\lambda_{gauss} = 5430$	5433	5443	5496	5541	5596	5680
WHM = 861	W10% = 1480	W80% = 496	FWHM = 835	[860]	[866]	[884]	[870]	[832]	[715]
$W_\circ = 889$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.00\,^{1.00}_{1.00}$	$a = {}^{1.003}_{0.999}$ $b = {}^{0.030}_{-0.011}$ *B3*		*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 362$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.00\,^{1.00}_{1.00}$	$a = {}^{1.000}_{0.994}$ $b = {}^{-0.001}_{-0.041}$ *Sun*		5470	5552	5156	5543	5260	5438
$I_{asym} = 0.66$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.00\,^{1.00}_{1.00}$	$\frac{A(\lambda)}{E(B-V)}$: $(3.129, 0.022)^{r=0.99}_{B3}$		$(3.308, 0.029)^{r=1.00}_{Sun}$		$(3.683, 0.005)^{r=0.77}_{M2}$			
$I_{kurt} = 0.16$	$\lambda_{eff} = 5503.6 + 106.4 \times E(B-V)$ r=1.00			$W_{eff} = 911.7 - 91.2 \times E(B-V)$ r=−0.98					
	$\lambda_{eff}(T) = 5419 + 121 \times \theta + 154 \times \theta^2 - 58 \times \theta^3$			$W_{eff}(T) = 846 + 173 \times \theta - 165 \times \theta^2 - 56 \times \theta^3$					

R

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 6946$	$\lambda_\circ = 7122$	$\lambda_{peak} = 6600$	$\lambda_{gauss} = 6930$	6990	7008	7057	7100	7252	7115
WHM = 1159	W10% = 2179	W80% = 548	FWHM = 1142	[1167]	[1179]	[1202]	[1209]	[1153]	[1150]
$W_\circ = 1216$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.74\,^{0.73}_{0.76}$	$a = {}^{0.869}_{0.859}$ $b = {}^{-0.364}_{-0.387}$ *B3*		*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 548$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.68\,^{0.68}_{0.72}$	$a = {}^{0.863}_{0.853}$ $b = {}^{-0.378}_{-0.403}$ *Sun*		6990	7043	6639	6767	6785	7005
$I_{asym} = 0.66$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.61\,^{0.61}_{0.65}$	$\frac{A(\lambda)}{E(B-V)}$: $(2.169, 0.013)^{r=0.99}_{B3}$		$(2.297, 0.017)^{r=1.00}_{Sun}$		$(2.517, -0.004)^{r=-0.85}_{M2}$			
$I_{kurt} = -0.34$	$\lambda_{eff} = 7117.4 + 140.6 \times E(B-V)$ r=1.00			$W_{eff} = 1239.9 - 98.0 \times E(B-V)$ r=−0.98					
	$\lambda_{eff}(T) = 6971 + 140 \times \theta + 207 \times \theta^2 - 71 \times \theta^3$			$W_{eff}(T) = 1149 + 167 \times \theta - 42 \times \theta^2 - 127 \times \theta^3$					