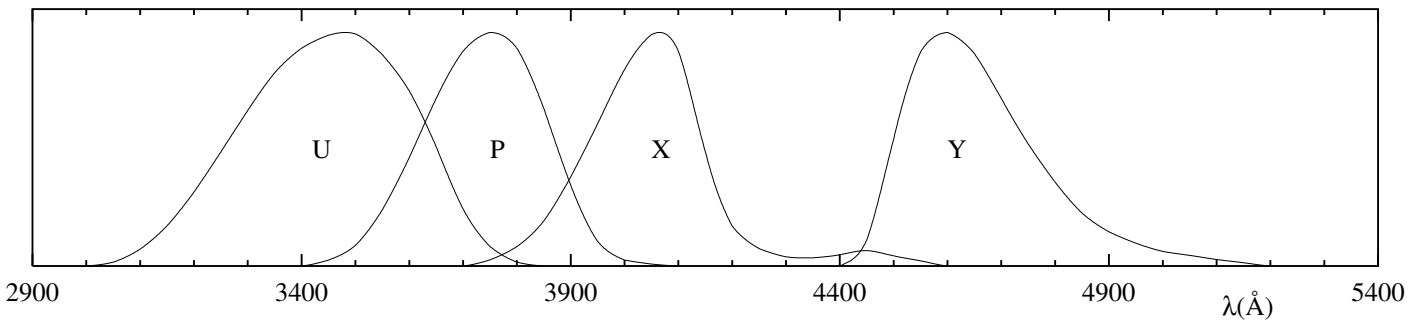
Vilnius - Straižys et al. - 1965



U

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 3452$	$\lambda_\circ = 3445$	$\lambda_{peak} = 3481$	$\lambda_{gauss} = 3453$	3429	3441	3458	3502	3517	3459
WHM = 398	W10% = 628	W80% = 245	FWHM = 375	[395]	[400]	[394]	[349]	[320]	[388]
$W_\circ = 399$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.37\ ^{1.36}_{1.41}$	$a = {}^{0.910}_{0.918}$ $b = {}^{2.171}_{2.127}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 144$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.64\ ^{1.62}_{1.71}$	$a = {}^{0.920}_{0.927}$ $b = {}^{2.115}_{2.077}$	*Sun*	3430	3427	3508	3451	3439	3420
$I_{asym} = -0.16$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 2.00\ ^{1.96}_{2.13}$	$\frac{A(\lambda)}{E(B-V)}$:	$(5.025, 0.080)^{r=1.00}_{B3}$	$(5.362, 0.103)^{r=1.00}_{Sun}$		$(6.040, 0.085)^{r=1.00}_{M2}$			
$I_{kurt} = -0.53$	$\lambda_{eff} = 3444.7 + 22.6 \times E(B-V)$ r=1.00			$W_{eff} = 403.2 - 15.4 \times E(B-V)$ r=–0.97					
	$\lambda_{eff}(T) = 3418 + 83 \times \theta + 32 \times \theta^2 - 23 \times \theta^3$			$W_{eff}(T) = 387 + 90 \times \theta - 188 \times \theta^2 + 49 \times \theta^3$					

P

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 3742$	$\lambda_\circ = 3737$	$\lambda_{peak} = 3750$	$\lambda_{gauss} = 3742$	3744	3769	3736	3735	3758	3728
WHM = 269	W10% = 448	W80% = 160	FWHM = 261	[277]	[266]	[278]	[270]	[262]	[255]
$W_\circ = 277$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.32\ ^{1.31}_{1.37}$	$a = {}^{0.969}_{0.970}$ $b = {}^{1.754}_{1.744}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 104$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.54\ ^{1.51}_{1.61}$	$a = {}^{0.969}_{0.970}$ $b = {}^{1.761}_{1.752}$	*Sun*	3730	3735	3744	3729	3741	3731
$I_{asym} = -0.11$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.82\ ^{1.77}_{1.95}$	$\frac{A(\lambda)}{E(B-V)}$:	$(4.685, 0.082)^{r=1.00}_{B3}$	$(5.041, 0.105)^{r=1.00}_{Sun}$		$(5.730, 0.088)^{r=1.00}_{M2}$			
$I_{kurt} = -0.29$	$\lambda_{eff} = 3737.4 + 10.4 \times E(B-V)$ r=1.00			$W_{eff} = 278.7 - 4.2 \times E(B-V)$ r=–0.97					
	$\lambda_{eff}(T) = 3725 + 35 \times \theta + 17 \times \theta^2 - 10 \times \theta^3$			$W_{eff}(T) = 274 + 22 \times \theta - 39 \times \theta^2 + 3 \times \theta^3$					

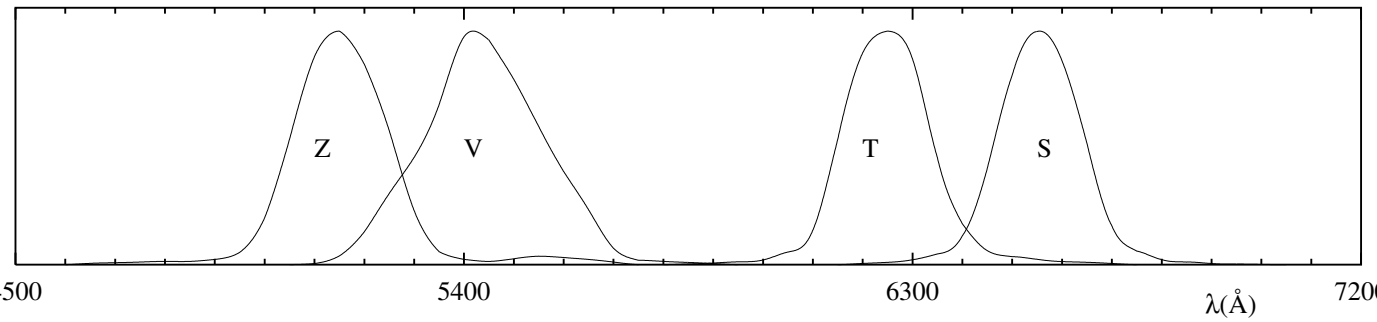
X

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 4038$	$\lambda_\circ = 4050$	$\lambda_{peak} = 4065$	$\lambda_{gauss} = 4040$	4042	4050	4070	4095	4127	4142
WHM = 222	W10% = 423	W80% = 125	FWHM = 237	[249]	[247]	[234]	[212]	[199]	[347]
$W_\circ = 252$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.27\ ^{1.26}_{1.29}$	$a = {}^{0.984}_{0.984}$ $b = {}^{1.449}_{1.434}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 129$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.44\ ^{1.42}_{1.48}$	$a = {}^{0.985}_{0.985}$ $b = {}^{1.418}_{1.401}$	*Sun*	4044	4048	3982	4045	4047	4048
$I_{asym} = 1.01$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.67\ ^{1.63}_{1.73}$	$\frac{A(\lambda)}{E(B-V)}$:	$(4.398, 0.076)^{r=1.00}_{B3}$	$(4.697, 0.096)^{r=1.00}_{Sun}$		$(5.301, 0.073)^{r=1.00}_{M2}$			
$I_{kurt} = 2.43$	$\lambda_{eff} = 4049.8 + 16.4 \times E(B-V)$ r=1.00			$W_{eff} = 253.2 - 4.6 \times E(B-V)$ r=–0.96					
	$\lambda_{eff}(T) = 4035 + 36 \times \theta + 29 \times \theta^2 - 8 \times \theta^3$			$W_{eff}(T) = 249 + 15 \times \theta - 22 \times \theta^2 - 7 \times \theta^3$					

Y

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 4626$	$\lambda_\circ = 4662$	$\lambda_{peak} = 4600$	$\lambda_{gauss} = 4627$	4649	4650	4661	4669	4678	4744
WHM = 261	W10% = 500	W80% = 149	FWHM = 268	[282]	[280]	[283]	[282]	[283]	[152]
$W_\circ = 285$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.15\ ^{1.14}_{1.17}$	$a = {}^{1.010}_{1.011}$ $b = {}^{0.695}_{0.678}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 129$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.25\ ^{1.24}_{1.28}$	$a = {}^{1.011}_{1.011}$ $b = {}^{0.682}_{0.663}$	*Sun*	4659	4652	4891	4684	4796	4645
$I_{asym} = 0.94$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.37\ ^{1.34}_{1.42}$	$\frac{A(\lambda)}{E(B-V)}$:	$(3.837, 0.064)^{r=1.00}_{B3}$	$(4.110, 0.081)^{r=1.00}_{Sun}$		$(4.673, 0.064)^{r=1.00}_{M2}$			
$I_{kurt} = 0.90$	$\lambda_{eff} = 4660.9 + 17.8 \times E(B-V)$ r=1.00			$W_{eff} = 287.2 - 6.3 \times E(B-V)$ r=–0.96					
	$\lambda_{eff}(T) = 4648 + 25 \times \theta + 25 \times \theta^2 - 9 \times \theta^3$			$W_{eff}(T) = 283 + 11 \times \theta - 13 \times \theta^2 - 6 \times \theta^3$					

(continues) ⇒



Z

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 5152$	$\lambda_\circ = 5160$	$\lambda_{peak} = 5150$	$\lambda_{gauss} = 5151$	5151	5152	5158	5165	5178	5233
WHM = 216	W10% = 360	W80% = 127	FWHM = 218	[231]	[231]	[233]	[234]	[228]	[104]
$W_\circ = 232$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.06\ ^{1.05}_{1.08}$	$a = {}^{1.014}_{1.014}$ $b = {}^{0.206}_{0.197}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 119$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.10\ ^{1.08}_{1.13}$	$a = {}^{1.014}_{1.014}$ $b = {}^{0.201}_{0.192}$	*Sun*	5149	5153	5017	5148	5042	5153
$I_{asym} = 0.81$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.14\ ^{1.12}_{1.19}$	$\frac{A(\lambda)}{E(B-V)}$:	$(3.355, 0.057)^{r=1.00}_{B3}$	$(3.598, 0.073)^{r=1.00}_{Sun}$		$(4.087, 0.058)^{r=1.00}_{M2}$			
$I_{kurt} = 4.42$	$\lambda_{eff} = 5159.4 + 13.3 \times E(B-V)$ r=1.00			$W_{eff} = 232.9 - 3.7 \times E(B-V)$ r=−0.97					
	$\lambda_{eff}(T) = 5149 + 18 \times \theta + 16 \times \theta^2 - 6 \times \theta^3$			$W_{eff}(T) = 231 + 5 \times \theta - 5 \times \theta^2 - 3 \times \theta^3$					

V

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 5442$	$\lambda_\circ = 5440$	$\lambda_{peak} = 5418$	$\lambda_{gauss} = 5438$	5431	5433	5440	5446	5446	5408
WHM = 261	W10% = 505	W80% = 131	FWHM = 268	[284]	[284]	[284]	[281]	[274]	[248]
$W_\circ = 285$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.01\ ^{1.00}_{1.05}$	$a = {}^{1.004}_{1.003}$ $b = {}^{0.031}_{0.026}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 119$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.02\ ^{1.00}_{1.08}$	$a = {}^{1.003}_{1.002}$ $b = {}^{0.027}_{0.021}$	*Sun*	5434	5452	5439	5439	5444	5432
$I_{asym} = 0.14$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.03\ ^{1.00}_{1.11}$	$\frac{A(\lambda)}{E(B-V)}$:	$(3.113, 0.054)^{r=1.00}_{B3}$	$(3.337, 0.068)^{r=1.00}_{Sun}$		$(3.805, 0.057)^{r=1.00}_{M2}$			
$I_{kurt} = 0.03$	$\lambda_{eff} = 5440.1 + 11.3 \times E(B-V)$ r=1.00			$W_{eff} = 286.3 - 3.8 \times E(B-V)$ r=−0.97					
	$\lambda_{eff}(T) = 5430 + 17 \times \theta + 16 \times \theta^2 - 7 \times \theta^3$			$W_{eff}(T) = 284 + 6 \times \theta - 6 \times \theta^2 - 3 \times \theta^3$					

T

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 6245$	$\lambda_\circ = 6252$	$\lambda_{peak} = 6250$	$\lambda_{gauss} = 6247$	6247	6248	6251	6253	6257	6253
WHM = 199	W10% = 340	W80% = 129	FWHM = 204	[217]	[217]	[217]	[218]	[224]	[219]
$W_\circ = 217$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.89\ ^{0.88}_{0.92}$	$a = {}^{0.939}_{0.938}$ $b = {}^{-0.223}_{-0.224}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 94$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.83\ ^{0.82}_{0.87}$	$a = {}^{0.938}_{0.938}$ $b = {}^{-0.224}_{-0.225}$	*Sun*	6253	6251	6370	6299	6322	6247
$I_{asym} = 0.42$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.76\ ^{0.75}_{0.82}$	$\frac{A(\lambda)}{E(B-V)}$:	$(2.545, 0.046)^{r=1.00}_{B3}$	$(2.732, 0.059)^{r=1.00}_{Sun}$		$(3.116, 0.049)^{r=1.00}_{M2}$			
$I_{kurt} = 2.28$	$\lambda_{eff} = 6252.2 + 5.2 \times E(B-V)$ r=1.00			$W_{eff} = 217.5 - 1.0 \times E(B-V)$ r=−0.97					
	$\lambda_{eff}(T) = 6247 + 7 \times \theta + 8 \times \theta^2 - 3 \times \theta^3$			$W_{eff}(T) = 217 + 2 \times \theta - 1 \times \theta^2 - 1 \times \theta^3$					

S

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 6556$	$\lambda_\circ = 6556$	$\lambda_{peak} = 6555$	$\lambda_{gauss} = 6556$	6552	6552	6555	6556	6555	6568
WHM = 192	W10% = 325	W80% = 114	FWHM = 192	[204]	[204]	[204]	[204]	[198]	[203]
$W_\circ = 204$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.84\ ^{0.83}_{0.87}$	$a = {}^{0.910}_{0.910}$ $b = {}^{-0.280}_{-0.281}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 86$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.78\ ^{0.77}_{0.81}$	$a = {}^{0.910}_{0.909}$ $b = {}^{-0.281}_{-0.281}$	*Sun*	6560	6565	6572	6569	6566	6551
$I_{asym} = 0.04$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.70\ ^{0.68}_{0.74}$	$\frac{A(\lambda)}{E(B-V)}$:	$(2.374, 0.043)^{r=1.00}_{B3}$	$(2.548, 0.055)^{r=1.00}_{Sun}$		$(2.910, 0.047)^{r=1.00}_{M2}$			
$I_{kurt} = 1.41$	$\lambda_{eff} = 6555.9 + 3.9 \times E(B-V)$ r=1.00			$W_{eff} = 204.3 - 0.6 \times E(B-V)$ r=−0.97					
	$\lambda_{eff}(T) = 6551 + 6 \times \theta + 6 \times \theta^2 - 3 \times \theta^3$			$W_{eff}(T) = 204 + 1 \times \theta - 1 \times \theta^2 - 1 \times \theta^3$					