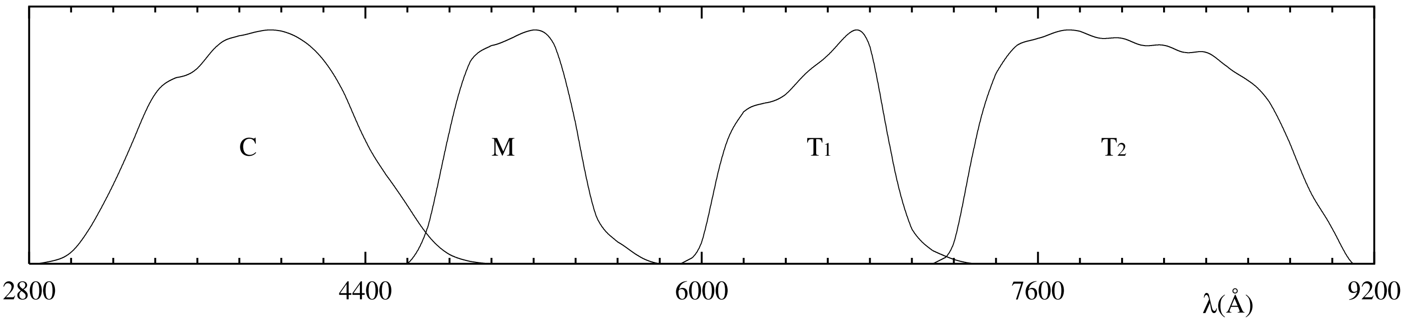
Washington - Canterna - 1976 (photographic version)



C

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 3849$	$\lambda_\circ = 3872$	$\lambda_{peak} = 3948$	$\lambda_{gauss} = 3869$	3829	3970	3973	4141	4284	4374
WHM = 1133	W10% = 1669	W80% = 733	FWHM = 1056	[1117]	[1057]	[1063]	[795]	[499]	[313]
$W_\circ = 1124$	$\frac{A(\lambda)}{A(V)}\big\vert_{5.0} = 1.29\ ^{1.24}_{1.28}$	$a\ =\ ^{0.975}_{0.980}\ \ b\ =\ ^{1.671}_{1.537}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 388$	$\frac{A(\lambda)}{A(V)}\big\vert_{3.1} = 1.48\ ^{1.40}_{1.47}$	$a\ =\ ^{0.981}_{0.986}\ \ b\ =\ ^{1.525}_{1.384}$	*Sun*	3781	3840	3788	3818	3856	3786
$I_{asym} = 0.03$	$\frac{A(\lambda)}{A(V)}\big\vert_{2.1} = 1.73\ ^{1.60}_{1.71}$	$\frac{A(\lambda)}{E(B-V)}$:	$(4.622, 0.017)^{r=0.93}_{B3}$	$(4.811, 0.032)^{r=0.99}_{Sun}$		$(5.130, 0.035)^{r=1.00}_{M2}$			
$I_{kurt} = -0.71$	$\lambda_{eff} = 3874.0 + 135.3 \times E(B-V)$ $r{=}1.00$			$W_{eff} = 1160.4 - 165.3 \times E(B-V)$ $r{=}{-0.98}$					
	$\lambda_{eff}(T) = 3705 + 461 \times \theta + 208 \times \theta^2 - 188 \times \theta^3$			$W_{eff}(T) = 942 + 1275 \times \theta - 2688 \times \theta^2 + 1166 \times \theta^3$					

M

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 5102$	$\lambda_\circ = 5117$	$\lambda_{peak} = 5204$	$\lambda_{gauss} = 5110$	5089	5096	5111	5127	5169	5168
WHM = 638	W10% = 919	W80% = 477	FWHM = 598	[629]	[635]	[638]	[636]	[595]	[618]
$W_\circ = 637$	$\frac{A(\lambda)}{A(V)}\big\vert_{5.0} = 1.07\ ^{1.06}_{1.09}$	$a\ =\ ^{1.015}_{1.015}\ \ b\ =\ ^{0.254}_{0.224}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 214$	$\frac{A(\lambda)}{A(V)}\big\vert_{3.1} = 1.11\ ^{1.10}_{1.14}$	$a\ =\ ^{1.015}_{1.014}\ \ b\ =\ ^{0.237}_{0.207}$	*Sun*	5070	5083	4994	5062	5010	5103
$I_{asym} = 0.12$	$\frac{A(\lambda)}{A(V)}\big\vert_{2.1} = 1.16\ ^{1.14}_{1.21}$	$\frac{A(\lambda)}{E(B-V)}$:	$(3.416, 0.045)^{r=1.00}_{B3}$	$(3.649, 0.059)^{r=1.00}_{Sun}$		$(4.103, 0.041)^{r=1.00}_{M2}$			
$I_{kurt} = -0.61$	$\lambda_{eff} = 5116.4 + 40.5 \times E(B-V)$ $r{=}1.00$			$W_{eff} = 645.8 - 34.2 \times E(B-V)$ $r{=}{-0.97}$					
	$\lambda_{eff}(T) = 5080 + 63 \times \theta + 57 \times \theta^2 - 29 \times \theta^3$			$W_{eff}(T) = 620 + 74 \times \theta - 80 \times \theta^2 - 14 \times \theta^3$					

T_1

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 6504$	$\lambda_\circ = 6534$	$\lambda_{peak} = 6738$	$\lambda_{gauss} = 6554$	6498	6502	6521	6535	6549	6582
WHM = 785	W10% = 1039	W80% = 353	FWHM = 653	[686]	[690]	[694]	[695]	[709]	[650]
$W_\circ = 695$	$\frac{A(\lambda)}{A(V)}\big\vert_{5.0} = 0.84\ ^{0.84}_{0.86}$	$a\ =\ ^{0.915}_{0.912}\ \ b\ =\ ^{-0.270}_{-0.277}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 258$	$\frac{A(\lambda)}{A(V)}\big\vert_{3.1} = 0.78\ ^{0.77}_{0.81}$	$a\ =\ ^{0.913}_{0.910}\ \ b\ =\ ^{-0.275}_{-0.281}$	*Sun*	6529	6563	6571	6560	6557	6497
$I_{asym} = -0.10$	$\frac{A(\lambda)}{A(V)}\big\vert_{2.1} = 0.70\ ^{0.69}_{0.74}$	$\frac{A(\lambda)}{E(B-V)}$:	$(2.408, 0.035)^{r=1.00}_{B3}$	$(2.573, 0.046)^{r=1.00}_{Sun}$		$(2.920, 0.035)^{r=1.00}_{M2}$			
$I_{kurt} = -0.83$	$\lambda_{eff} = 6534.3 + 34.2 \times E(B-V)$ $r{=}1.00$			$W_{eff} = 700.5 - 19.2 \times E(B-V)$ $r{=}{-0.97}$					
	$\lambda_{eff}(T) = 6493 + 52 \times \theta + 54 \times \theta^2 - 26 \times \theta^3$			$W_{eff}(T) = 682 + 42 \times \theta - 23 \times \theta^2 - 20 \times \theta^3$					

T_2

				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 8051$	$\lambda_\circ = 8053$	$\lambda_{peak} = 7747$	$\lambda_{gauss} = 8021$	7963	7975	8003	8029	8073	8064
WHM = 1509	W10% = 1826	W80% = 1177	FWHM = 1334	[1374]	[1388]	[1406]	[1419]	[1406]	[1433]
$W_\circ = 1420$	$\frac{A(\lambda)}{A(V)}\big\vert_{5.0} = 0.60\ ^{0.61}_{0.62}$	$a\ =\ ^{0.785}_{0.779}\ \ b\ =\ ^{-0.564}_{-0.576}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 454$	$\frac{A(\lambda)}{A(V)}\big\vert_{3.1} = 0.56\ ^{0.56}_{0.59}$	$a\ =\ ^{0.781}_{0.775}\ \ b\ =\ ^{-0.571}_{-0.583}$	*Sun*	8007	8016	7899	7981	7997	7977
$I_{asym} = 0.12$	$\frac{A(\lambda)}{A(V)}\big\vert_{2.1} = 0.50\ ^{0.50}_{0.53}$	$\frac{A(\lambda)}{E(B-V)}$:	$(1.754, 0.020)^{r=0.99}_{B3}$	$(1.868, 0.026)^{r=1.00}_{Sun}$		$(2.103, 0.016)^{r=0.99}_{M2}$			
$I_{kurt} = -1.01$	$\lambda_{eff} = 8052.7 + 71.8 \times E(B-V)$ $r{=}1.00$			$W_{eff} = 1435.5 - 58.3 \times E(B-V)$ $r{=}{-0.97}$					
	$\lambda_{eff}(T) = 7952 + 92 \times \theta + 109 \times \theta^2 - 46 \times \theta^3$			$W_{eff}(T) = 1358 + 129 \times \theta + 7 \times \theta^2 - 98 \times \theta^3$					