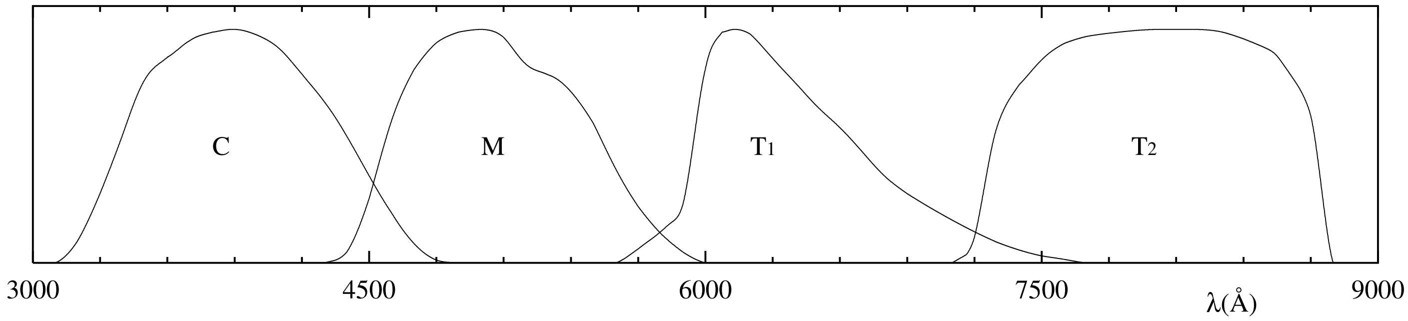
Washington - Canterna - 1976 (photoelectric version)



C

$\lambda_c = 3904$	$\lambda_\circ = 3913$	$\lambda_{peak} = 3890$	$\lambda_{gauss} = 3895$
WHM = 1044	W10% = 1481	W80% = 698	FWHM = 955

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
3885	3997	3996	4133	4266	4324
[1010]	[947]	[974]	[761]	[488]	[370]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
3840	3889	3805	3860	3898	3857

$W_\circ = 1017$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.28\ ^{1.25}_{1.28}$	$a = {}^{0.977}_{0.981}$ $b = {}^{1.616}_{1.511}$ *B3*
$\mu = 345$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.47\ ^{1.41}_{1.46}$	$a = {}^{0.982}_{0.986}$ $b = {}^{1.501}_{1.385}$ *Sun*
$I_{asym} = 0.12$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.72\ ^{1.61}_{1.69}$	$\frac{A(\lambda)}{E(B-V)}$: $(4.561, 0.034)^{r=0.98}_{B3}$ $(4.785, 0.046)^{r=1.00}_{Sun}$ $(5.151, 0.041)^{r=1.00}_{M2}$
$I_{kurt} = -0.76$	$\lambda_{eff} = 3912.9 + 109.3 \times E(B-V)$ r=1.00	$W_{eff} = 1047.0 - 126.4 \times E(B-V)$ r=−0.98
	$\lambda_{eff}(T) = 3786 + 322 \times \theta + 221 \times \theta^2 - 159 \times \theta^3$	$W_{eff}(T) = 885 + 919 \times \theta - 1878 \times \theta^2 + 746 \times \theta^3$

M

$\lambda_c = 5058$	$\lambda_\circ = 5075$	$\lambda_{peak} = 5000$	$\lambda_{gauss} = 5045$
WHM = 984	W10% = 1399	W80% = 629	FWHM = 889

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
5006	5017	5063	5104	5181	5213
[912]	[922]	[945]	[937]	[862]	[882]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4954	4953	4991	5030	5007	5018

$W_\circ = 946$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.07\ ^{1.07}_{1.08}$	$a = {}^{1.016}_{1.015}$ $b = {}^{0.324}_{0.249}$ *B3*
$\mu = 329$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.11\ ^{1.11}_{1.13}$	$a = {}^{1.016}_{1.014}$ $b = {}^{0.275}_{0.203}$ *Sun*
$I_{asym} = 0.22$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.17\ ^{1.17}_{1.19}$	$\frac{A(\lambda)}{E(B-V)}$: $(3.501, 0.022)^{r=0.98}_{B3}$ $(3.704, 0.031)^{r=1.00}_{Sun}$ $(4.099, 0.008)^{r=0.94}_{M2}$
$I_{kurt} = -0.73$	$\lambda_{eff} = 5074.2 + 94.9 \times E(B-V)$ r=1.00	$W_{eff} = 971.3 - 103.0 \times E(B-V)$ r=−0.98
	$\lambda_{eff}(T) = 4990 + 142 \times \theta + 148 \times \theta^2 - 75 \times \theta^3$	$W_{eff}(T) = 889 + 268 \times \theta - 336 \times \theta^2 + 4 \times \theta^3$

T_1

$\lambda_c = 6311$	$\lambda_\circ = 6402$	$\lambda_{peak} = 6133$	$\lambda_{gauss} = 6299$
WHM = 733	W10% = 1516	W80% = 380	FWHM = 756

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
6334	6340	6374	6399	6453	6431
[788]	[794]	[802]	[802]	[810]	[756]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
6388	6372	6554	6504	6521	6333

$W_\circ = 805$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.86\ ^{0.86}_{0.88}$	$a = {}^{0.931}_{0.925}$ $b = {}^{-0.240}_{-0.252}$ *B3*
$\mu = 365$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.80\ ^{0.80}_{0.84}$	$a = {}^{0.927}_{0.920}$ $b = {}^{-0.247}_{-0.260}$ *Sun*
$I_{asym} = 0.69$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.73\ ^{0.73}_{0.78}$	$\frac{A(\lambda)}{E(B-V)}$: $(2.505, 0.028)^{r=0.99}_{B3}$ $(2.667, 0.036)^{r=1.00}_{Sun}$ $(2.994, 0.017)^{r=0.98}_{M2}$
$I_{kurt} = 0.03$	$\lambda_{eff} = 6399.3 + 77.1 \times E(B-V)$ r=1.00	$W_{eff} = 816.2 - 45.7 \times E(B-V)$ r=−0.97
	$\lambda_{eff}(T) = 6325 + 86 \times \theta + 113 \times \theta^2 - 41 \times \theta^3$	$W_{eff}(T) = 779 + 77 \times \theta - 40 \times \theta^2 - 50 \times \theta^3$

T_2

$\lambda_c = 8001$	$\lambda_\circ = 8003$	$\lambda_{peak} = 8166$	$\lambda_{gauss} = 8025$
WHM = 1445	W10% = 1582	W80% = 1179	FWHM = 1273

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
7926	7935	7961	7982	8018	7977
[1314]	[1322]	[1342]	[1350]	[1344]	[1368]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
7967	7980	7864	7940	7942	7941

$W_\circ = 1356$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.61\ ^{0.62}_{0.63}$	$a = {}^{0.788}_{0.783}$ $b = {}^{-0.557}_{-0.568}$ *B3*
$\mu = 411$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.57\ ^{0.57}_{0.60}$	$a = {}^{0.785}_{0.780}$ $b = {}^{-0.564}_{-0.574}$ *Sun*
$I_{asym} = -0.03$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.50\ ^{0.50}_{0.54}$	$\frac{A(\lambda)}{E(B-V)}$: $(1.766, 0.022)^{r=0.99}_{B3}$ $(1.883, 0.029)^{r=1.00}_{Sun}$ $(2.125, 0.019)^{r=1.00}_{M2}$
$I_{kurt} = -1.08$	$\lambda_{eff} = 8002.4 + 59.1 \times E(B-V)$ r=1.00	$W_{eff} = 1368.8 - 48.1 \times E(B-V)$ r=−0.97
	$\lambda_{eff}(T) = 7918 + 80 \times \theta + 91 \times \theta^2 - 40 \times \theta^3$	$W_{eff}(T) = 1302 + 112 \times \theta + 3 \times \theta^2 - 81 \times \theta^3$

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