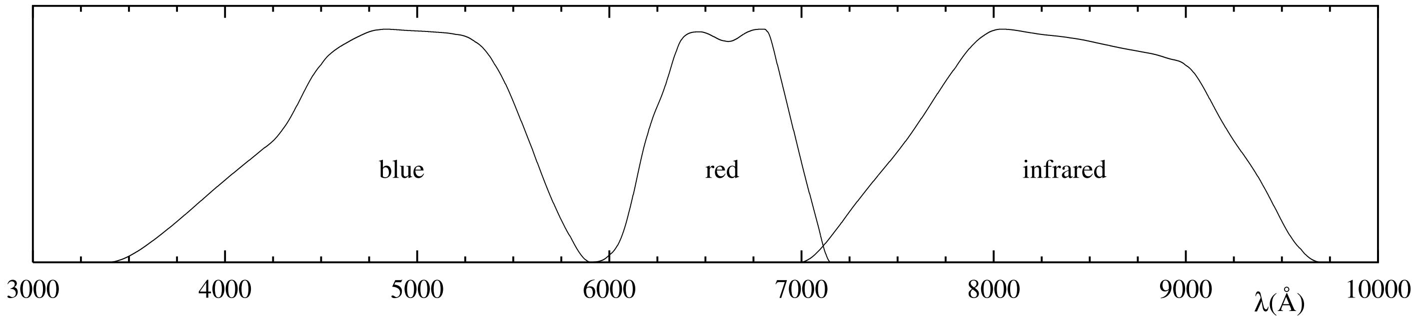
POSS II - Reid et al. - 1991



blue

$\lambda_c = 4906$	$\lambda_\circ = 4832$	$\lambda_{peak} = 4838$	$\lambda_{gauss} = 4895$
WHM = 1373	W10% = 2167	W80% = 982	FWHM = 1347

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4675	4731	4865	4978	5105	5177
[1302]	[1333]	[1402]	[1285]	[1111]	[1011]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4682	4731	4892	4763	4931	4714

$W_\circ = 1434$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.11\ ^{1.08}_{1.12}$	$a = ^{1.011}_{1.016}\ \ b = ^{0.665}_{0.436}$ *B3*
$\mu = 498$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.17\ ^{1.13}_{1.20}$	$a = ^{1.016}_{1.016}\ \ b = ^{0.457}_{0.296}$ *Sun*
$I_{asym} = -0.30$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.26\ ^{1.19}_{1.29}$	$\frac{A(\lambda)}{E(B-V)}$: $(3.811, -0.032)^{r=-0.98}_{B3}$ $(3.902, -0.010)^{r=-0.93}_{Sun}$ $(4.184, -0.012)^{r=-1.00}_{M2}$
$I_{kurt} = -0.60$	$\lambda_{eff} = 4842.9 + 183.2 \times E(B-V)$ r=1.00	$W_{eff} = 1486.6 - 258.1 \times E(B-V)$ r=−0.99
	$\lambda_{eff}(T) = 4594 + 556 \times \theta + 156 \times \theta^2 - 186 \times \theta^3$	$W_{eff}(T) = 1200 + 1261\ \theta - 2078\ \theta^2 + 686\ \theta^3$

red

$\lambda_c = 6580$	$\lambda_\circ = 6585$	$\lambda_{peak} = 6805$	$\lambda_{gauss} = 6593$
WHM = 796	W10% = 1045	W80% = 581	FWHM = 729

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
6552	6555	6572	6585	6606	6622
[765]	[767]	[774]	[775]	[775]	[761]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
6573	6602	6572	6573	6567	6552

$W_\circ = 776$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.83\ ^{0.83}_{0.86}$	$a = ^{0.910}_{0.907}\ \ b = ^{-0.280}_{-0.286}$ *B3*
$\mu = 249$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.77\ ^{0.77}_{0.80}$	$a = ^{0.908}_{0.905}\ \ b = ^{-0.284}_{-0.290}$ *Sun*
$I_{asym} = -0.05$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.69\ ^{0.68}_{0.73}$	$\frac{A(\lambda)}{E(B-V)}$: $(2.378, 0.036)^{r=1.00}_{B3}$ $(2.543, 0.046)^{r=1.00}_{Sun}$ $(2.882, 0.035)^{r=1.00}_{M2}$
$I_{kurt} = -0.89$	$\lambda_{eff} = 6584.4 + 31.6 \times E(B-V)$ r=1.00	$W_{eff} = 781.9 - 21.0 \times E(B-V)$ r=−0.97
	$\lambda_{eff}(T) = 6546 + 47 \times \theta + 50 \times \theta^2 - 23 \times \theta^3$	$W_{eff}(T) = 760 + 48 \times \theta - 22 \times \theta^2 - 25 \times \theta^3$

infrared

$\lambda_c = 8396$	$\lambda_\circ = 8374$	$\lambda_{peak} = 8042$	$\lambda_{gauss} = 8377$
WHM = 1744	W10% = 2411	W80% = 1284	FWHM = 1605

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
8242	8268	8298	8338	8409	8403
[1640]	[1669]	[1683]	[1697]	[1703]	[1519]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
8281	8276	8109	8271	8365	8246

$W_\circ = 1709$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.56\ ^{0.57}_{0.58}$	$a = ^{0.760}_{0.750}\ \ b = ^{-0.607}_{-0.619}$ *B3*
$\mu = 567$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.52\ ^{0.53}_{0.55}$	$a = ^{0.755}_{0.745}\ \ b = ^{-0.614}_{-0.624}$ *Sun*
$I_{asym} = -0.02$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.47\ ^{0.47}_{0.50}$	$\frac{A(\lambda)}{E(B-V)}$: $(1.660, 0.013)^{r=0.99}_{B3}$ $(1.763, 0.019)^{r=1.00}_{Sun}$ $(1.967, 0.009)^{r=0.98}_{M2}$
$I_{kurt} = -0.86$	$\lambda_{eff} = 8374.0 + 99.2 \times E(B-V)$ r=1.00	$W_{eff} = 1730.4 - 85.1 \times E(B-V)$ r=−0.98
	$\lambda_{eff}(T) = 8218 + 140 \times \theta + 157 \times \theta^2 - 70 \times \theta^3$	$W_{eff}(T) = 1606 + 202 \times \theta + 20 \times \theta^2 - 153 \times \theta^3$