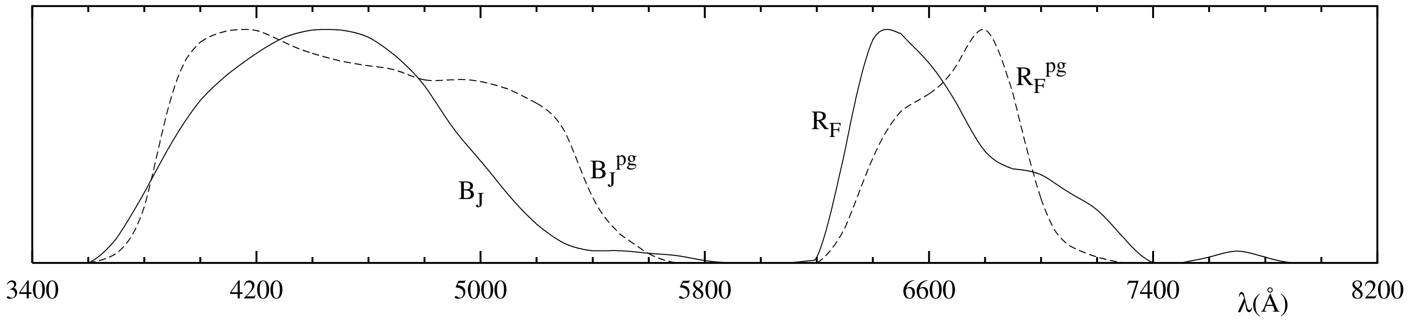
$B_J R_F$ - Couch and Newell - 1980



$\mathbf{B}_{J\,photoelectric}$				*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 4422$	$\lambda_\circ = 4468$	$\lambda_{peak} = 4448$	$\lambda_{gauss} = 4436$	4379	4414	4516	4619	4723	4856
WHM = 1064	W10% = 1578	W80% = 682	FWHM = 1000	[1008]	[1015]	[1010]	[894]	[749]	[648]
$W_\circ = 1065$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.18\ ^{1.15}_{1.19}$	$a = ^{0.999}_{1.004}$ $b = ^{1.034}_{0.877}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 387$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.29\ ^{1.24}_{1.30}$	$a = ^{1.005}_{1.010}$ $b = ^{0.859}_{0.706}$	*Sun*	4422	4476	4730	4449	4750	4407
$I_{asym} = 0.35$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.44\ ^{1.35}_{1.45}$	$\frac{A(\lambda)}{E(B-V)}$:	$(4.092, 0.014)^{r=0.98}_{B3}$	$(4.257, 0.021)^{r=1.00}_{Sun}$	$(4.623, -0.011)^{r=-0.87}_{M2}$				
$I_{kurt} = -0.14$	$\lambda_{eff} = 4462.7 + 150.9 \times E(B-V)$ r=1.00			$W_{eff} = 1107.7 - 166.4 \times E(B-V)$ r=−0.98					
	$\lambda_{eff}(T) = 4336 + 268 \times \theta + 237 \times \theta^2 - 124 \times \theta^3$			$W_{eff}(T) = 949 + 678 \times \theta - 1159 \times \theta^2 + 309 \times \theta^3$					

$\mathbf{R}_{F\,photoelectric}$				*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 6545$	$\lambda_\circ = 6677$	$\lambda_{peak} = 6450$	$\lambda_{gauss} = 6572$	6636	6641	6659	6674	6701	6691
WHM = 483	W10% = 1077	W80% = 277	FWHM = 562	[591]	[594]	[595]	[593]	[596]	[462]
$W_\circ = 598$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.82\ ^{0.82}_{0.84}$	$a = ^{0.902}_{0.898}$ $b = ^{-0.296}_{-0.303}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 294$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.76\ ^{0.75}_{0.79}$	$a = ^{0.900}_{0.896}$ $b = ^{-0.300}_{-0.308}$	*Sun*	6653	6685	6582	6597	6595	6640
$I_{asym} = 1.01$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.68\ ^{0.66}_{0.72}$	$\frac{A(\lambda)}{E(B-V)}$:	$(2.335, 0.034)^{r=1.00}_{B3}$	$(2.495, 0.043)^{r=1.00}_{Sun}$	$(2.825, 0.028)^{r=0.99}_{M2}$				
$I_{kurt} = 1.05$	$\lambda_{eff} = 6674.7 + 47.3 \times E(B-V)$ r=1.00			$W_{eff} = 603.4 - 19.6 \times E(B-V)$ r=−0.97					
	$\lambda_{eff}(T) = 6629 + 50 \times \theta + 65 \times \theta^2 - 21 \times \theta^3$			$W_{eff}(T) = 588 + 29 \times \theta - 10 \times \theta^2 - 23 \times \theta^3$					

$\mathbf{B}_{J\,photographic}$				*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 4588$	$\lambda_\circ = 4568$	$\lambda_{peak} = 4158$	$\lambda_{gauss} = 4520$	4440	4481	4617	4742	4875	5003
WHM = 1471	W10% = 1779	W80% = 833	FWHM = 1231	[1222]	[1250]	[1245]	[1110]	[912]	[620]
$W_\circ = 1310$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.16\ ^{1.12}_{1.17}$	$a = ^{1.002}_{1.009}$ $b = ^{0.956}_{0.742}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 452$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.25\ ^{1.19}_{1.28}$	$a = ^{1.009}_{1.014}$ $b = ^{0.734}_{0.548}$	*Sun*	4472	4519	4821	4536	4828	4481
$I_{asym} = 0.17$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.38\ ^{1.28}_{1.41}$	$\frac{A(\lambda)}{E(B-V)}$:	$(4.033, -0.011)^{r=-0.97}_{B3}$	$(4.152, -0.002)^{r=-0.68}_{Sun}$	$(4.441, -0.011)^{r=-0.99}_{M2}$				
$I_{kurt} = -1.04$	$\lambda_{eff} = 4569.5 + 182.0 \times E(B-V)$ r=1.00			$W_{eff} = 1364.2 - 237.3 \times E(B-V)$ r=−0.98					
	$\lambda_{eff}(T) = 4391 + 333 \times \theta + 393 \times \theta^2 - 247 \times \theta^3$			$W_{eff}(T) = 1116 + 1134 \times \theta - 1976 \times \theta^2 + 647 \times \theta^3$					

$\mathbf{R}_{F\,photographic}$				*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 6683$	$\lambda_\circ = 6693$	$\lambda_{peak} = 6795$	$\lambda_{gauss} = 6708$	6675	6679	6686	6693	6699	6712
WHM = 527	W10% = 799	W80% = 210	FWHM = 462	[490]	[494]	[492]	[491]	[493]	[436]
$W_\circ = 492$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.82\ ^{0.81}_{0.84}$	$a = ^{0.898}_{0.897}$ $b = ^{-0.303}_{-0.306}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 192$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.75\ ^{0.74}_{0.79}$	$a = ^{0.897}_{0.896}$ $b = ^{-0.305}_{-0.309}$	*Sun*	6669	6688	6584	6600	6590	6680
$I_{asym} = -0.08$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.67\ ^{0.66}_{0.71}$	$\frac{A(\lambda)}{E(B-V)}$:	$(2.311, 0.038)^{r=1.00}_{B3}$	$(2.476, 0.049)^{r=1.00}_{Sun}$	$(2.821, 0.039)^{r=1.00}_{M2}$				
$I_{kurt} = -0.60$	$\lambda_{eff} = 6693.3 + 18.3 \times E(B-V)$ r=1.00			$W_{eff} = 494.0 - 7.0 \times E(B-V)$ r=−0.97					
	$\lambda_{eff}(T) = 6671 + 27 \times \theta + 28 \times \theta^2 - 13 \times \theta^3$			$W_{eff}(T) = 487 + 14 \times \theta - 7 \times \theta^2 - 8 \times \theta^3$					