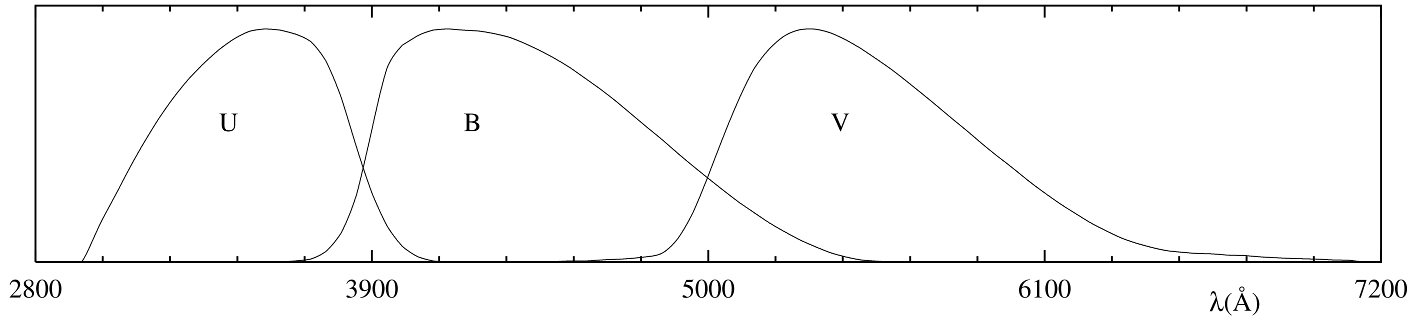
UBV - Johnson and Morgan - 1953 (photoelectric USA version)



U				B3	Vega	Sun	K2	M2	Carbon
$\lambda_c = 3499$	$\lambda_\circ = 3502$	$\lambda_{peak} = 3550$	$\lambda_{gauss} = 3511$	3476	3536	3529	3604	3654	3567
WHM = 699	W10% = 989	W80% = 460	FWHM = 639	[683]	[675]	[671]	[588]	[488]	[686]
$W_\circ = 681$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.36\,{}^{1.34}_{1.39}$	$a = {}^{0.926}_{0.941}$ $b = {}^{2.082}_{1.988}$ B3		WN	WC	PN_{Ne}	PN^{Ne}	Nova	WDA
$\mu = 231$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.61\,{}^{1.58}_{1.67}$	$a = {}^{0.940}_{0.950}$ $b = {}^{1.998}_{1.931}$ Sun		3460	3477	3632	3513	3497	3446
$I_{asym} = -0.10$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.96\,{}^{1.89}_{2.05}$	$\frac{A(\lambda)}{E(B-V)}$:	$(4.984, 0.057)^{r=0.99}_{B3}$	$(5.286, 0.082)^{r=1.00}_{Sun}$			$(5.866, 0.070)^{r=1.00}_{M2}$		
$I_{kurt} = -0.77$	$\lambda_{eff} = 3502.8 + 54.8 \times E(B-V)$ $r{=}1.00$			$W_{eff} = 693.1 - 56.9 \times E(B-V)$ $r{=}{-0.98}$					
	$\lambda_{eff}(T) = 3435 + 209 \times \theta + 78 \times \theta^2 - 70 \times \theta^3$			$W_{eff}(T) = 627 + 408 \times \theta - 899 \times \theta^2 + 352 \times \theta^3$					

B				B3	Vega	Sun	K2	M2	Carbon
$\lambda_c = 4380$	$\lambda_\circ = 4425$	$\lambda_{peak} = 4150$	$\lambda_{gauss} = 4362$	4344	4371	4468	4569	4669	4814
WHM = 983	W10% = 1506	W80% = 642	FWHM = 928	[942]	[944]	[931]	[807]	[652]	[276]
$W_\circ = 988$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.19\,{}^{1.16}_{1.19}$	$a = {}^{0.997}_{1.002}$ $b = {}^{1.079}_{0.942}$ B3		WN	WC	PN_{Ne}	PN^{Ne}	Nova	WDA
$\mu = 361$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.31\,{}^{1.25}_{1.31}$	$a = {}^{1.003}_{1.008}$ $b = {}^{0.919}_{0.778}$ Sun		4386	4440	4733	4416	4715	4373
$I_{asym} = 0.44$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.46\,{}^{1.38}_{1.47}$	$\frac{A(\lambda)}{E(B-V)}$:	$(4.124, 0.022)^{r=0.99}_{B3}$	$(4.304, 0.028)^{r=1.00}_{Sun}$			$(4.682, 0.003)^{r=0.59}_{M2}$		
$I_{kurt} = -0.53$	$\lambda_{eff} = 4420.2 + 131.9 \times E(B-V)$ $r{=}1.00$			$W_{eff} = 1022.9 - 136.4 \times E(B-V)$ $r{=}{-0.97}$					
	$\lambda_{eff}(T) = 4313 + 210 \times \theta + 258 \times \theta^2 - 128 \times \theta^3$			$W_{eff}(T) = 892 + 561 \times \theta - 960 \times \theta^2 + 238 \times \theta^3$					

V				B3	Vega	Sun	K2	M2	Carbon
$\lambda_c = 5470$	$\lambda_\circ = 5544$	$\lambda_{peak} = 5332$	$\lambda_{gauss} = 5467$	5464	5474	5530	5577	5634	5718
WHM = 865	W10% = 1457	W80% = 488	FWHM = 843	[867]	[872]	[891]	[875]	[828]	[728]
$W_\circ = 898$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.99\,{}^{0.99}_{0.99}$	$a = {}^{1.002}_{0.996}$ $b = {}^{0.014}_{-0.027}$ B3		WN	WC	PN_{Ne}	PN^{Ne}	Nova	WDA
$\mu = 375$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.99\,{}^{0.99}_{0.99}$	$a = {}^{0.998}_{0.991}$ $b = {}^{-0.016}_{-0.057}$ Sun		5501	5577	5217	5592	5328	5469
$I_{asym} = 0.73$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.98\,{}^{0.99}_{0.99}$	$\frac{A(\lambda)}{E(B-V)}$:	$(3.104, 0.021)^{r=0.99}_{B3}$	$(3.280, 0.026)^{r=1.00}_{Sun}$			$(3.650, 0.001)^{r=0.27}_{M2}$		
$I_{kurt} = 0.58$	$\lambda_{eff} = 5539.1 + 114.3 \times E(B-V)$ $r{=}1.00$			$W_{eff} = 920.2 - 95.9 \times E(B-V)$ $r{=}{-0.98}$					
	$\lambda_{eff}(T) = 5450 + 129 \times \theta + 158 \times \theta^2 - 56 \times \theta^3$			$W_{eff}(T) = 851 + 176 \times \theta - 165 \times \theta^2 - 62 \times \theta^3$					

(continues) ⇒