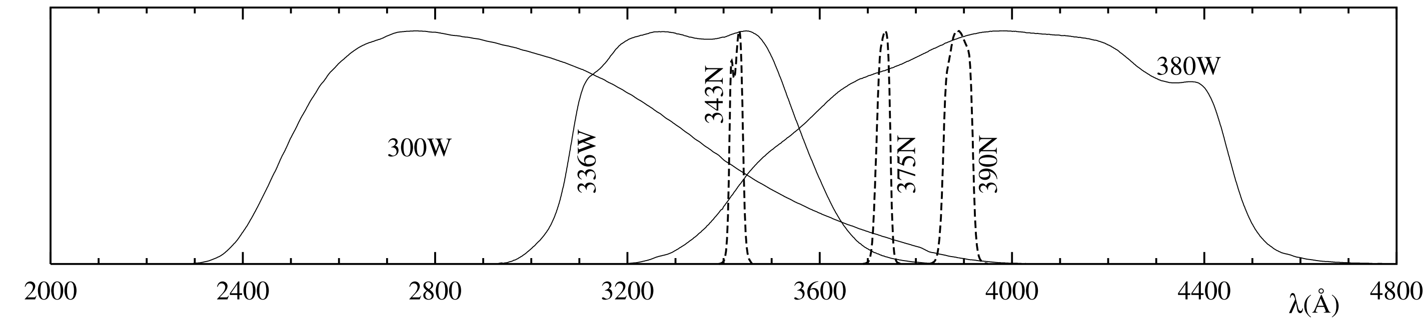
WFPC2 HST - 1993 (continues)



300W

$\lambda_c = 2928$	$\lambda_\circ = 2974$	$\lambda_{peak} = 2760$	$\lambda_{gauss} = 2919$
WHM = 875	W10% = 1373	W80% = 568	FWHM = 825

$W_\circ = 878$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.48\ ^{1.39}_{1.48}$	$a = {}^{0.606}_{0.687}$ $b = {}^{3.939}_{3.381}$ *B3*
$\mu = 323$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.85\ ^{1.67}_{1.86}$	$a = {}^{0.754}_{0.836}$ $b = {}^{3.012}_{2.571}$ *Sun*
$I_{asym} = 0.43$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 2.39\ ^{2.05}_{2.41}$	$\frac{A(\lambda)}{E(B-V)}$: $(5.958, -0.073)^{r=-0.98}_{B3}$ $(5.833, 0.021)^{r=0.94}_{Sun}$ $(6.139, 0.046)^{r=1.00}_{M2}$
$I_{kurt} = -0.47$	$\lambda_{eff} = 2982.8 + 165.6 \times E(B-V)$ $r=1.00$	$W_{eff} = 900.5 - 221.9 \times E(B-V)$ $r=-1.00$
	$\lambda_{eff}(T) = 2835 + 466 \times \theta + 385 \times \theta^2 - 293 \times \theta^3$	$W_{eff}(T) = 735 + 1282 \times \theta - 3535 \times \theta^2 + 1871 \times \theta^3$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
2900	2968	3164	3417	3461	3387
[840]	[881]	[616]	[264]	[238]	[224]

336W

$\lambda_c = 3327$	$\lambda_\circ = 3336$	$\lambda_{peak} = 3447$	$\lambda_{gauss} = 3330$
WHM = 491	W10% = 659	W80% = 398	FWHM = 463

$W_\circ = 492$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.39\ ^{1.38}_{1.43}$	$a = {}^{0.858}_{0.874}$ $b = {}^{2.451}_{2.369}$ *B3*
$\mu = 158$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.68\ ^{1.66}_{1.75}$	$a = {}^{0.878}_{0.891}$ $b = {}^{2.345}_{2.274}$ *Sun*
$I_{asym} = 0.11$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 2.08\ ^{2.04}_{2.19}$	$\frac{A(\lambda)}{E(B-V)}$: $(5.165, 0.077)^{r=1.00}_{B3}$ $(5.497, 0.100)^{r=1.00}_{Sun}$ $(6.153, 0.082)^{r=1.00}_{M2}$
$I_{kurt} = -0.76$	$\lambda_{eff} = 3335.4 + 30.0 \times E(B-V)$ $r=1.00$	$W_{eff} = 499.6 - 27.9 \times E(B-V)$ $r=-0.97$
	$\lambda_{eff}(T) = 3304 + 99 \times \theta + 53 \times \theta^2 - 33 \times \theta^3$	$W_{eff}(T) = 471 + 173 \times \theta - 376 \times \theta^2 + 119 \times \theta^3$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
3317	3330	3354	3415	3437	3377
[486]	[492]	[488]	[411]	[370]	[488]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
3324	3325	3363	3335	3335	3304

343N

$\lambda_c = 3426$	$\lambda_\circ = 3427$	$\lambda_{peak} = 3433$	$\lambda_{gauss} = 3427$
WHM = 28	W10% = 41	W80% = 23	FWHM = 26

$W_\circ = 28$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.38\ ^{1.36}_{1.42}$	$a = {}^{0.910}_{0.910}$ $b = {}^{2.175}_{2.175}$ *B3*
$\mu = 10$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.65\ ^{1.62}_{1.73}$	$a = {}^{0.910}_{0.910}$ $b = {}^{2.175}_{2.175}$ *Sun*
$I_{asym} = -0.02$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 2.01\ ^{1.96}_{2.15}$	$\frac{A(\lambda)}{E(B-V)}$: $(5.018, 0.094)^{r=1.00}_{B3}$ $(5.391, 0.119)^{r=1.00}_{Sun}$ $(6.157, 0.102)^{r=1.00}_{M2}$
$I_{kurt} = -0.61$	$\lambda_{eff} = 3426.9 + 0.1 \times E(B-V)$ $r=1.00$	$W_{eff} = 27.9 - 0.0 \times E(B-V)$ $r=-0.96$
	$\lambda_{eff}(T) = 3427 + 0 \times \theta + 0 \times \theta^2 - 0 \times \theta^3$	$W_{eff}(T) = 28 + 0 \times \theta - 0 \times \theta^2 - 0 \times \theta^3$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
3427	3427	3427	3427	3427	3423
[28]	[28]	[28]	[27]	[27]	[23]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
3427	3424	3428	3427	3428	3427

375N

$\lambda_c = 3732$	$\lambda_\circ = 3732$	$\lambda_{peak} = 3736$	$\lambda_{gauss} = 3733$
WHM = 30	W10% = 43	W80% = 22	FWHM = 28

$W_\circ = 30$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.33\ ^{1.31}_{1.37}$	$a = {}^{0.969}_{0.969}$ $b = {}^{1.765}_{1.765}$ *B3*
$\mu = 10$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.54\ ^{1.52}_{1.62}$	$a = {}^{0.968}_{0.968}$ $b = {}^{1.766}_{1.766}$ *Sun*
$I_{asym} = -0.18$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.83\ ^{1.78}_{1.95}$	$\frac{A(\lambda)}{E(B-V)}$: $(4.694, 0.088)^{r=1.00}_{B3}$ $(5.044, 0.111)^{r=1.00}_{Sun}$ $(5.762, 0.096)^{r=1.00}_{M2}$
$I_{kurt} = -0.43$	$\lambda_{eff} = 3732.2 + 0.1 \times E(B-V)$ $r=1.00$	$W_{eff} = 30.1 - 0.0 \times E(B-V)$ $r=-0.96$
	$\lambda_{eff}(T) = 3732 + 0 \times \theta + 0 \times \theta^2 - 0 \times \theta^3$	$W_{eff}(T) = 30 + 0 \times \theta - 0 \times \theta^2 - 0 \times \theta^3$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
3733	3733	3731	3729	3731	3730
[30]	[29]	[29]	[27]	[30]	[32]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
3732	3732	3728	3729	3732	3732

380W

$\lambda_c = 3976$	$\lambda_\circ = 3967$	$\lambda_{peak} = 3989$	$\lambda_{gauss} = 3979$
WHM = 940	W10% = 1194	W80% = 603	FWHM = 826

$W_\circ = 879$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.28\ ^{1.26}_{1.27}$	$a = {}^{0.980}_{0.983}$ $b = {}^{1.549}_{1.474}$ *B3*
$\mu = 292$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.46\ ^{1.42}_{1.44}$	$a = {}^{0.983}_{0.986}$ $b = {}^{1.466}_{1.390}$ *Sun*
$I_{asym} = -0.12$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.70\ ^{1.63}_{1.66}$	$\frac{A(\lambda)}{E(B-V)}$: $(4.493, 0.050)^{r=0.99}_{B3}$ $(4.750, 0.067)^{r=1.00}_{Sun}$ $(5.213, 0.059)^{r=1.00}_{M2}$
$I_{kurt} = -0.85$	$\lambda_{eff} = 3968.1 + 73.2 \times E(B-V)$ $r=1.00$	$W_{eff} = 899.3 - 80.4 \times E(B-V)$ $r=-0.98$
	$\lambda_{eff}(T) = 3873 + 249 \times \theta + 122 \times \theta^2 - 100 \times \theta^3$	$W_{eff}(T) = 796 + 564 \times \theta - 1105 \times \theta^2 + 397 \times \theta^3$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
3951	4031	4027	4119	4212	4268
[880]	[835]	[853]	[720]	[517]	[415]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
3903	3928	3840	3922	3957	3931

390N

$\lambda_c = 3888$	$\lambda_\circ = 3888$	$\lambda_{peak} = 3886$	$\lambda_{gauss} = 3888$
WHM = 61	W10% = 78	W80% = 51	FWHM = 56

$W_\circ = 60$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.30\ ^{1.29}_{1.34}$	$a = {}^{0.977}_{0.977}$ $b = {}^{1.613}_{1.613}$ *B3*
$\mu = 19$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.49\ ^{1.47}_{1.56}$	$a = {}^{0.978}_{0.978}$ $b = {}^{1.610}_{1.610}$ *Sun*
$I_{asym} = -0.03$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.75\ ^{1.70}_{1.86}$	$\frac{A(\lambda)}{E(B-V)}$: $(4.544, 0.085)^{r=1.00}_{B3}$ $(4.878, 0.108)^{r=1.00}_{Sun}$ $(5.573, 0.092)^{r=1.00}_{M2}$
$I_{kurt} = -0.85$	$\lambda_{eff} = 3888.0 + 0.3 \times E(B-V)$ $r=1.00$	$W_{eff} = 59.9 - 0.0 \times E(B-V)$ $r=-0.96$
	$\lambda_{eff}(T) = 3888 + 1 \times \theta + 1 \times \theta^2 - 0 \times \theta^3$	$W_{eff}(T) = 60 + 0 \times \theta - 0 \times \theta^2 - 0 \times \theta^3$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
3888	3888	3891	3893	3890	3906
[60]	[60]	[57]	[55]	[58]	[28]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
3888	3889	3873	3888	3886	3888

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