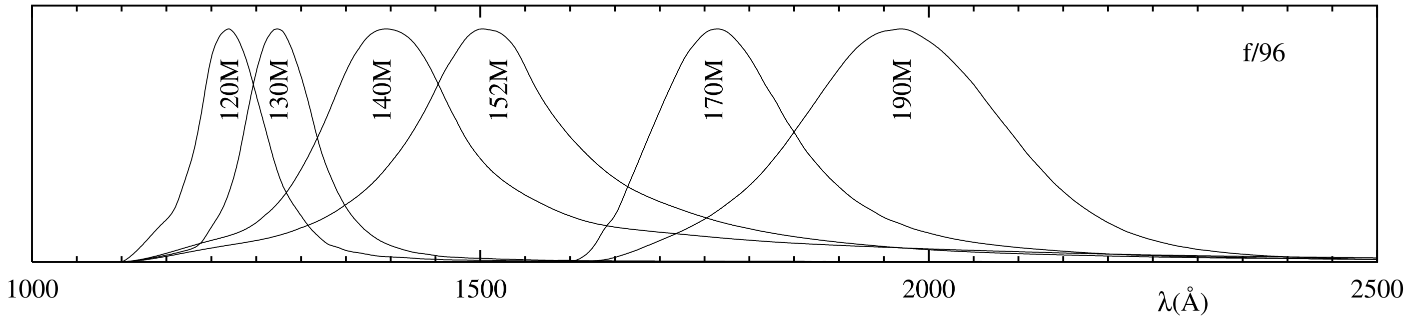
FOC HST - 1989



120M

$\lambda_c = 1224$	$\lambda_\circ = 1237$	$\lambda_{peak} = 1220$	$\lambda_{gauss} = 1230$	*40000*	*30000*	*20000*	*ι Her*	*Vega*	*Sun*
WHM = 84	W10% = 193	W80% = 49	FWHM = 97	1228	1230	1235	1239	1375	1880
$W_\circ = 103$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.83\ {}^{1.68}_{1.82}$	$a = {}^{-1.115}_{-0.881}$ $b = {}^{13.960}_{12.394}$ *ι Her*		[103]	[102]	[102]	[99]	[13]	[1]
$\mu = 77$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 3.28\ {}^{2.64}_{3.26}$	$a = {}^{-0.065}_{-0.071}$ $b = {}^{8.220}_{8.168}$ *Sun*							
$I_{asym} = 3.85$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 6.00\ {}^{4.28}_{5.96}$	$\frac{A(\lambda)}{E(B-V)}$: $(10.261, -0.091)^{r=-0.99}_{40000}$		$(10.247, -0.123)^{r=-1.00}_{\iota Her}$			$(8.668, 0.149)^{r=1.00}_{Sun}$		
$I_{kurt} = 24.15$	$\lambda_{eff} = 1213.0 + 119.4 \times E(B-V)$ r=0.98			$W_{eff} = 109.7 - 56.1 \times E(B-V)$ r=−0.99					
	$\lambda_{eff}(T) = 1269 - 889 \times \theta + 4663 \times \theta^2 - 3213 \times \theta^3$			$W_{eff}(T) = 132 - 233 \times \theta - 97 \times \theta^2 + 213 \times \theta^3$					

130M

$\lambda_c = 1277$	$\lambda_\circ = 1293$	$\lambda_{peak} = 1274$	$\lambda_{gauss} = 1278$	*40000*	*30000*	*20000*	*ι Her*	*Vega*	*Sun*
WHM = 87	W10% = 193	W80% = 50	FWHM = 101	1284	1284	1289	1290	1353	1964
$W_\circ = 107$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.75\ {}^{1.68}_{1.82}$	$a = {}^{-0.923}_{-0.793}$ $b = {}^{12.667}_{11.831}$ *ι Her*		[105]	[103]	[101]	[102]	[45]	[1]
$\mu = 83$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 3.10\ {}^{2.76}_{3.07}$	$a = {}^{-0.057}_{-0.058}$ $b = {}^{8.683}_{8.418}$ *Sun*							
$I_{asym} = 3.76$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 5.68\ {}^{4.39}_{5.62}$	$\frac{A(\lambda)}{E(B-V)}$: $(9.584, 0.015)^{r=0.94}_{40000}$		$(9.626, 0.011)^{r=0.99}_{\iota Her}$			$(9.138, 0.081)^{r=1.00}_{Sun}$		
$I_{kurt} = 23.43$	$\lambda_{eff} = 1282.5 + 72.3 \times E(B-V)$ r=0.99			$W_{eff} = 115.4 - 46.7 \times E(B-V)$ r=−0.99					
	$\lambda_{eff}(T) = 1343 - 1092 \times \theta + 5104 \times \theta^2 - 3440 \times \theta^3$			$W_{eff}(T) = 133 - 185 \times \theta - 223 \times \theta^2 + 292 \times \theta^3$					

140M

$\lambda_c = 1402$	$\lambda_\circ = 1549$	$\lambda_{peak} = 1395$	$\lambda_{gauss} = 1409$	*40000*	*30000*	*20000*	*ι Her*	*Vega*	*Sun*
WHM = 174	W10% = 572	W80% = 100	FWHM = 256	1438	1437	1455	1469	1560	2849
$W_\circ = 273$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.65\ {}^{1.51}_{1.64}$	$a = {}^{-0.464}_{-0.238}$ $b = {}^{9.833}_{8.626}$ *ι Her*		[253]	[254]	[260]	[261]	[226]	[23]
$\mu = 330$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 2.68\ {}^{1.92}_{2.75}$	$a = {}^{0.581}_{0.658}$ $b = {}^{4.122}_{3.562}$ *Sun*							
$I_{asym} = 2.39$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 4.23\ {}^{2.51}_{4.70}$	$\frac{A(\lambda)}{E(B-V)}$: $(8.682, -0.096)^{r=-0.99}_{40000}$		$(8.687, -0.139)^{r=-0.97}_{\iota Her}$			$(6.591, -0.152)^{r=-0.88}_{Sun}$		
$I_{kurt} = 6.46$	$\lambda_{eff} = 1405.7 + 608.4 \times E(B-V)$ r=0.98			$W_{eff} = 278.6 - 27.8 \times E(B-V)$ r=−0.12					
	$\lambda_{eff}(T) = 1176 + 2571 \times \theta + 1531 \times \theta^2 - 2359 \times \theta^3$			$W_{eff}(T) = 374 - 1213 \times \theta + 1235 \times \theta^2 - 380 \times \theta^3$					

152M

$\lambda_c = 1512$	$\lambda_\circ = 1589$	$\lambda_{peak} = 1502$	$\lambda_{gauss} = 1515$	*40000*	*30000*	*20000*	*ι Her*	*Vega*	*Sun*
WHM = 195	W10% = 608	W80% = 97	FWHM = 268	1512	1511	1526	1537	1592	2747
$W_\circ = 285$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.62\ {}^{1.55}_{1.61}$	$a = {}^{-0.350}_{-0.251}$ $b = {}^{9.202}_{8.687}$ *ι Her*		[274]	[274]	[274]	[276]	[264]	[15]
$\mu = 254$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 2.63\ {}^{1.99}_{2.65}$	$a = {}^{0.528}_{0.623}$ $b = {}^{4.539}_{3.814}$ *Sun*							
$I_{asym} = 2.41$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 4.36\ {}^{2.63}_{4.54}$	$\frac{A(\lambda)}{E(B-V)}$: $(8.273, -0.000)^{r=-0.01}_{40000}$		$(8.289, 0.000)^{r=0.00}_{\iota Her}$			$(6.882, -0.214)^{r=-0.90}_{Sun}$		
$I_{kurt} = 8.50$	$\lambda_{eff} = 1501.0 + 309.1 \times E(B-V)$ r=0.95			$W_{eff} = 160.7 + 183.5 \times E(B-V)$ r=-0.73					
	$\lambda_{eff}(T) = 1455 + 163 \times \theta + 5425 \times \theta^2 - 4230 \times \theta^3$			$W_{eff}(T) = 371 - 871 \times \theta + 343 \times \theta^2 + 189 \times \theta^3$					

170M

$\lambda_c = 1772$	$\lambda_\circ = 1834$	$\lambda_{peak} = 1764$	$\lambda_{gauss} = 1776$	*40000*	*30000*	*20000*	*ι Her*	*Vega*	*Sun*
WHM = 176	W10% = 396	W80% = 95	FWHM = 202	1801	1801	1806	1809	1822	2436
$W_\circ = 215$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.66\ {}^{1.63}_{1.67}$	$a = {}^{-0.091}_{-0.094}$ $b = {}^{8.108}_{8.108}$ *ι Her*		[210]	[211]	[214]	[215]	[212]	[21]
$\mu = 168$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 2.56\ {}^{2.24}_{2.53}$	$a = {}^{0.297}_{0.510}$ $b = {}^{6.686}_{4.678}$ *Sun*							
$I_{asym} = 2.67$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 4.18\ {}^{3.09}_{4.12}$	$\frac{A(\lambda)}{E(B-V)}$: $(7.771, 0.100)^{r=0.99}_{40000}$		$(7.865, 0.092)^{r=0.99}_{\iota Her}$			$(7.982, -0.463)^{r=-0.97}_{Sun}$		
$I_{kurt} = 9.75$	$\lambda_{eff} = 1801.9 + 69.0 \times E(B-V)$ r=0.89			$W_{eff} = 152.1 + 136.7 \times E(B-V)$ r=-0.84					
	$\lambda_{eff}(T) = 1873 - 983 \times \theta + 4241 \times \theta^2 - 2436 \times \theta^3$			$W_{eff}(T) = 207 + 252 \times \theta - 1507 \times \theta^2 + 1080 \times \theta^3$					

190M

$\lambda_c = 1971$	$\lambda_\circ = 1983$	$\lambda_{peak} = 1970$	$\lambda_{gauss} = 1970$	*40000*	*30000*	*20000*	*ι Her*	*Vega*	*Sun*
WHM = 263	W10% = 539	W80% = 147	FWHM = 280	1955	1958	1962	1966	1973	2203
$W_\circ = 298$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.81\ {}^{1.76}_{1.88}$	$a = {}^{-0.057}_{-0.058}$ $b = {}^{8.699}_{8.437}$ *ι Her*		[291]	[295]	[296]	[297]	[296]	[65]
$\mu = 141$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 2.73\ {}^{2.65}_{2.69}$	$a = {}^{0.027}_{0.365}$ $b = {}^{9.673}_{5.989}$ *Sun*							
$I_{asym} = 1.02$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 4.33\ {}^{3.81}_{4.24}$	$\frac{A(\lambda)}{E(B-V)}$: $(8.310, 0.019)^{r=0.78}_{40000}$		$(8.439, 0.007)^{r=0.50}_{\iota Her}$			$(9.523, -0.746)^{r=-1.00}_{Sun}$		
$I_{kurt} = 3.65$	$\lambda_{eff} = 1955.0 + 26.4 \times E(B-V)$ r=0.62			$W_{eff} = 256.2 + 86.8 \times E(B-V)$ r=-0.81					
	$\lambda_{eff}(T) = 1949 + 164 \times \theta + 138 \times \theta^2 + 239 \times \theta^3$			$W_{eff}(T) = 264 + 451 \times \theta - 1562 \times \theta^2 + 860 \times \theta^3$					

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