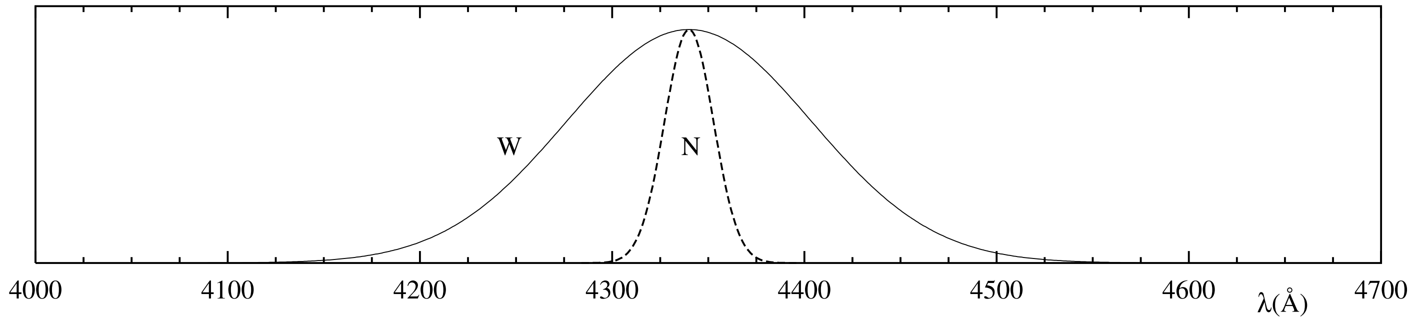
Lutz and Lutz - 1972



W (interference filter) assumed profile: gaussian

$\lambda_c = 4340$

WHM = 150

$W_\circ = 160$

	B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
	4337	4337	4344	4350	4355	4409
	[160]	[160]	[162]	[160]	[153]	[45]
	WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
	4339	4340	4343	4340	4344	4337

$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.22\ ^{1.20}_{1.24}$	$a = {}^{0.997}_{0.997}$ $b = {}^{1.088}_{1.084}$	*B3*
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.36\ ^{1.34}_{1.40}$	$a = {}^{0.997}_{0.997}$ $b = {}^{1.078}_{1.074}$	*Sun*
$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.53\ ^{1.49}_{1.60}$	$\frac{A(\lambda)}{E(B-V)}$:	$(4.139, 0.076)^{r=1.00}_{B3}$ $(4.439, 0.096)^{r=1.00}_{Sun}$ $(5.058, 0.082)^{r=1.00}_{M2}$

$\lambda_{eff} = 4340.0 + 3.7 \times E(B-V)$ r=1.00 | $W_{eff} = 159.9 - 0.7 \times E(B-V)$ r=-0.95

$\lambda_{eff}(T) = 4336.1 + 8.6 \times \theta + 6.0 \times \theta^2 - 3.0 \times \theta^3$ | $W_{eff}(T) = 159.2 + 2.4 \times \theta - 3.3 \times \theta^2 - 0.6 \times \theta^3$

N (interference filter) assumed profile: gaussian

$\lambda_c = 4340$

WHM = 30

$W_\circ = 32$

	B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
	4340	4339	4340	4341	4341	4335
	[32]	[33]	[33]	[33]	[32]	[31]
	WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
	4340	4339	4341	4341	4343	4340

$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.22\ ^{1.20}_{1.26}$	$a = {}^{0.997}_{0.997}$ $b = {}^{1.084}_{1.084}$	*B3*
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.36\ ^{1.34}_{1.42}$	$a = {}^{0.997}_{0.997}$ $b = {}^{1.084}_{1.083}$	*Sun*
$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.53\ ^{1.49}_{1.64}$	$\frac{A(\lambda)}{E(B-V)}$:	$(4.137, 0.078)^{r=1.00}_{B3}$ $(4.443, 0.098)^{r=1.00}_{Sun}$ $(5.074, 0.084)^{r=1.00}_{M2}$

$\lambda_{eff} = 4340.0 + 0.1 \times E(B-V)$ r=1.00 | $W_{eff} = 31.9 - 0.0 \times E(B-V)$ r=-0.95

$\lambda_{eff}(T) = 4339.8 + 0.3 \times \theta + 0.2 \times \theta^2 - 0.1 \times \theta^3$ | $W_{eff}(T) = 31.9 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$