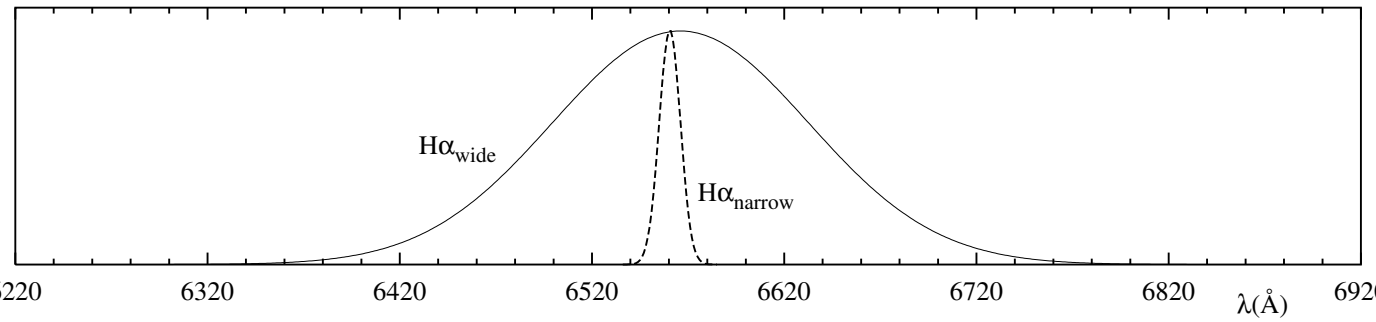
Hα - Dachs and Schmidt-Kaler - 1975



Hα_{narrow} (interference filter) assumed profile: gaussian									
				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 6560.5$				6560.1	6559.9	6560.0	6560.5	6560.6	6560.7
WHM $= 13.0$				[14.1]	[14.2]	[14.2]	[14.0]	[13.7]	[13.8]
$W_\circ = 14.0$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.84\ ^{0.83}_{0.87}$	$a = {}^{0.909}_{0.909}\ b = {}^{-0.282}_{-0.282}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.78\ ^{0.76}_{0.81}$	$a = {}^{0.909}_{0.909}\ b = {}^{-0.282}_{-0.282}$	*Sun*	6560.9	6561.4	6562.0	6563.5	6561.3	6560.2
	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.69\ ^{0.68}_{0.74}$	$\frac{A(\lambda)}{E(B-V)}$: $(2.369, 0.044)^{r=1.00}_{B3}$		$(2.552, 0.056)^{r=1.00}_{Sun}$			$(2.919, 0.045)^{r=1.00}_{M2}$		
	$\lambda_{eff} = 6560.5 + 0.0 \times E(B-V)$ r=1.00			$W_{eff} = 13.9 - 0.0 \times E(B-V)$ r=-0.93					
	$\lambda_{eff}(T) = 6560.5 + 0.0 \times \theta + 0.0 \times \theta^2 - 0.0 \times \theta^3$			$W_{eff}(T) = 13.9 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$					

Hα_{wide} (interference filter) assumed profile: gaussian									
				B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 6566$				6564	6564	6565	6566	6565	6574
WHM $= 157$				[167]	[168]	[167]	[167]	[164]	[170]
$W_\circ = 167$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.84\ ^{0.83}_{0.87}$	$a = {}^{0.909}_{0.909}\ b = {}^{-0.282}_{-0.283}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.78\ ^{0.76}_{0.81}$	$a = {}^{0.909}_{0.908}\ b = {}^{-0.283}_{-0.283}$	*Sun*	6567	6571	6573	6570	6568	6564
	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.69\ ^{0.68}_{0.74}$	$\frac{A(\lambda)}{E(B-V)}$: $(2.367, 0.044)^{r=1.00}_{B3}$		$(2.542, 0.055)^{r=1.00}_{Sun}$			$(2.904, 0.047)^{r=1.00}_{M2}$		
	$\lambda_{eff} = 6566.0 + 2.3 \times E(B-V)$ r=1.00			$W_{eff} = 167.2 - 0.3 \times E(B-V)$ r=-0.97					
	$\lambda_{eff}(T) = 6563.3 + 3.4 \times \theta + 3.5 \times \theta^2 - 1.6 \times \theta^3$			$W_{eff}(T) = 166.9 + 0.6 \times \theta - 0.3 \times \theta^2 - 0.3 \times \theta^3$					