

logarithmic U -sensitivity

$$U = (L_o \cdot M_o)^{0,5}$$

$$\log U = (\log L_o + \log M_o) / 2$$

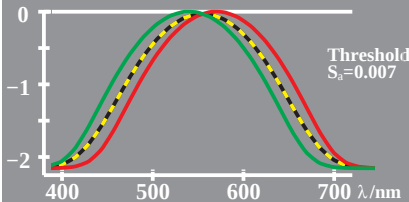
$\log [U, L_o, M_o]$

$$u_\lambda = (\lambda - 555) / 50$$

$$\log L_o = -0,35[u_\lambda - u_{570}]^2$$

$$\log M_o = -0,35[u_\lambda - u_{540}]^2$$

Adaptation: $\lambda_{LM} = 555$



WE351-1, change of LMS in colour vision