

logarithmic U -saturation

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

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

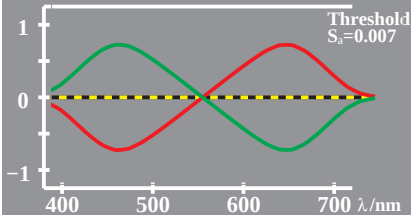
$$\log [L_o/U, M_o/U]$$

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

$$\log L_o = -0,35[u_\lambda - u_{590}]^2$$

$$\log M_o = -0,35[u_\lambda - u_{520}]^2$$

Adaptation: $\lambda_{LM}=555$



WE351-6, change of LMS in colour vision