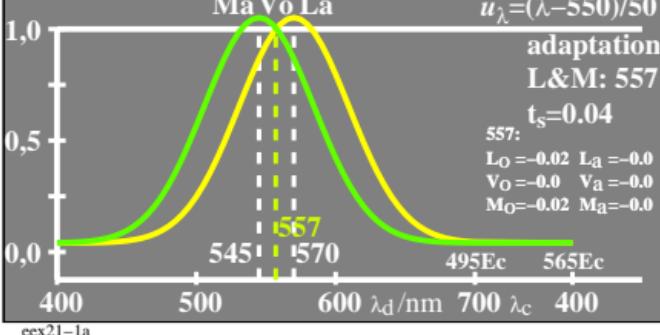


lin[sensitivity]

$[L_a, M_a]$

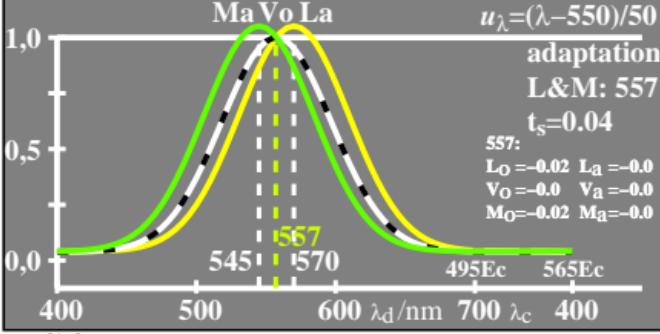


lin[sensitivity]

$\log V_o = -0,35[u_\lambda - u_{557}]^2$

$\log V_a = \log V_o + 0,00$

$[V_a, L_a, M_a]$



eex21-3n

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

$$\log M_o = -0,35[u_\lambda - u_{545}]^2$$

$$\log L_a = \log L_o + 0,02$$

$$\log M_a = \log M_o + 0,02$$

$$u_\lambda = (\lambda - 550)/50$$

adaptation

L&M: 557

$$t_s = 0,04$$

$$L_o = -0,02 \quad L_a = -0,0$$

$$V_o = -0,0 \quad V_a = -0,0$$

$$M_o = -0,02 \quad M_a = -0,0$$

lin[saturation]

$$\log V_o = -0,35[u_\lambda - u_{557}]^2$$

$$\log V_a = \log V_o + 0,00$$

$$[L_a/V_o, M_a/V_o]$$

Ma Vo La

saturation V

adaptation

L&M: 557

$$t_s = 0,04$$

$$L_o = -0,02 \quad L_a = -0,0$$

$$V_o = -0,0 \quad V_a = -0,0$$

$$M_o = -0,02 \quad M_a = -0,0$$

400 500 600 700 400

λ_d/nm λ_c

495Ec 565Ec

eex21-2a

lin[saturation]

$$\log V_o = -0,35[u_\lambda - u_{557}]^2$$

$$\log V_a = \log V_o + 0,00$$

$$[V_a/V_o, L_a/V_o, M_a/V_o]$$

Ma Vo La

saturation V

adaptation

L&M: 557

$$t_s = 0,04$$

$$L_o = -0,02 \quad L_a = -0,0$$

$$V_o = -0,0 \quad V_a = -0,0$$

$$M_o = -0,02 \quad M_a = -0,0$$

400 500 600 700 400

λ_d/nm λ_c

495Ec 565Ec

eex21-4a