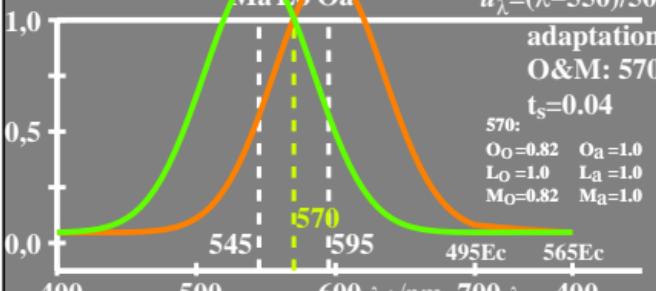


lin[sensitivity]

 $[O_a, M_a]$ 

eex31-1a

$$\log O_o = -0,35[u_\lambda - u_{595}]^2$$

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

$$\log O_a = \log O_o + 0,09$$

$$\log M_a = \log M_o + 0,09$$

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

adaptation

O&M: 570

$$t_s = 0,04$$

$$\begin{aligned} 570: \\ O_o &= 0,82 & O_a &= 1,0 \\ L_o &= 1,0 & L_a &= 1,0 \\ M_o &= 0,82 & M_a &= 1,0 \end{aligned}$$

lin[saturation]

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

$$\log L_a = \log L_o + 0,00$$

$$[O_o/L_o, M_o/L_o]$$

Ma Lo Oa

saturation L

$$adaptation$$

O&M: 570

$$t_s = 0,04$$

$$\begin{aligned} 570: \\ O_o &= 0,82 & O_a &= 1,0 \\ L_o &= 1,0 & L_a &= 1,0 \\ M_o &= 0,82 & M_a &= 1,0 \end{aligned}$$

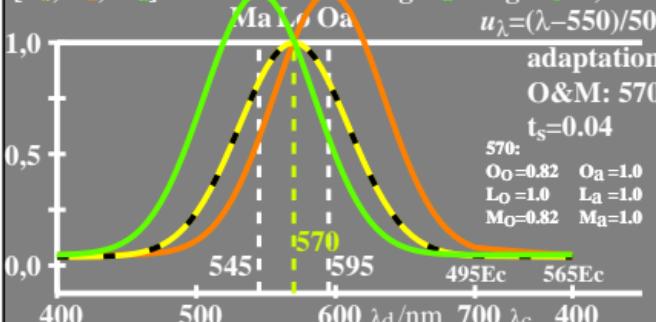
$$\begin{aligned} 400 & 500 & 600 & 700 & 400 \\ \lambda_d/\text{nm} & & & & \lambda_c \end{aligned}$$

eex31-2a

lin[sensitivity]

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

$$\log L_a = \log L_o + 0,00$$

 $[L_o, O_a, M_a]$ 

eex31-3a

$$\log O_o = -0,35[u_\lambda - u_{595}]^2$$

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

$$\log O_a = \log O_o + 0,09$$

$$\log M_a = \log M_o + 0,09$$

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

adaptation

O&M: 570

$$t_s = 0,04$$

$$\log O_o = -0,35[u_\lambda - u_{595}]^2$$

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

$$\log O_a = \log O_o + 0,09$$

$$\log M_a = \log M_o + 0,09$$

saturation L

adaptation

O&M: 570

$$t_s = 0,04$$

$$\begin{aligned} 570: \\ O_o &= 0,82 & O_a &= 1,0 \\ L_o &= 1,0 & L_a &= 1,0 \\ M_o &= 0,82 & M_a &= 1,0 \end{aligned}$$

$$\begin{aligned} 400 & 500 & 600 & 700 & 400 \\ \lambda_d/\text{nm} & & & & \lambda_c \end{aligned}$$

eex31-3n