

lin[Empfindlichkeit]

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

$$\log S_a = -0,35[u_\lambda - u_{445}]^2 - 1,17$$

[V_o, L_a, M_a, S_a]

Sa Ma La

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

L:M:S Adaptation
=16:8:1 L&M: 557

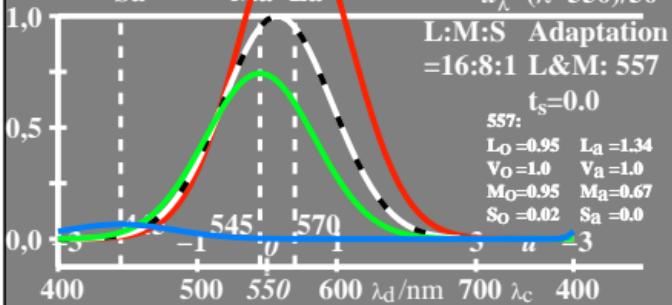
$t_s = 0.0$

$$557: L_o = 0.95 \quad L_a = 1.34$$

$$V_o = 1.0 \quad V_a = 1.0$$

$$M_o = 0.95 \quad M_a = 0.67$$

$$S_o = 0.02 \quad S_a = 0.0$$



lin[Empfindlichkeit]

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

$$\log S_a = -0,35[u_\lambda - u_{445}]^2 + 0,02$$

[V_o, L_a, M_a, S_a]

Sa Ma La

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

L:M:S Adaptation
=4:2:3 L&M: 557

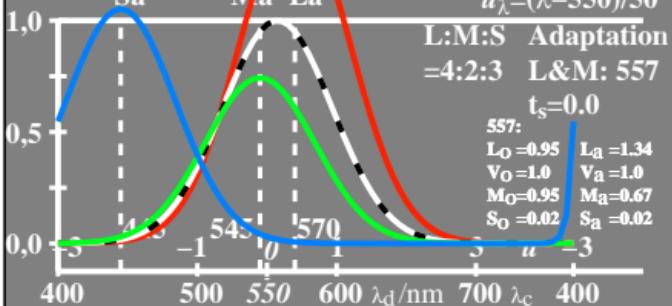
$t_s = 0.0$

$$557: L_o = 0.95 \quad L_a = 1.34$$

$$V_o = 1.0 \quad V_a = 1.0$$

$$M_o = 0.95 \quad M_a = 0.67$$

$$S_o = 0.02 \quad S_a = 0.02$$



lin[Sättigung]

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

$$\log S_a = -0,35[u_\lambda - u_{445}]^2 - 1,17$$

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

Sa Ma La

$$\log M_a = \log M_o - 0,13$$

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

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

$$\log S_o = -0,35[u_\lambda - u_{445}]^2 - 1,17$$

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

Sättigung V

L:M:S Adaptation
=16:8:1 L&M: 557

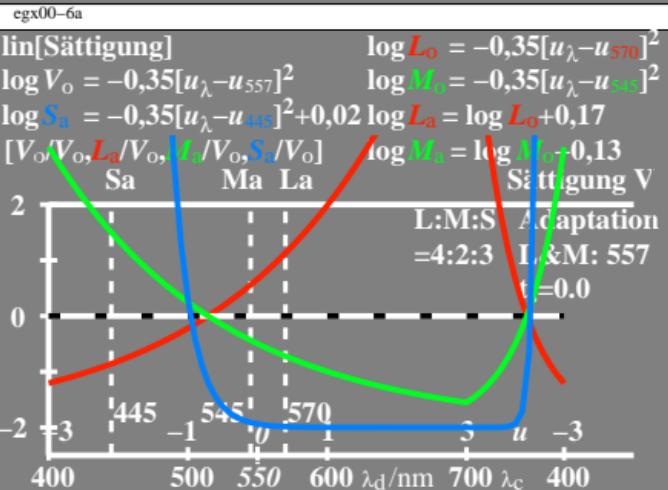
$t_s = 0.0$

$$557: L_o = 0.95 \quad L_a = 1.34$$

$$V_o = 1.0 \quad V_a = 1.0$$

$$M_o = 0.95 \quad M_a = 0.67$$

$$S_o = 0.02 \quad S_a = 0.0$$



egx00-7n