

log ΔL luminance difference threshold • $L_g=6,3\text{cd/m}^2$

02 26&0,1s Y 6,3cd/m²; pot4

$$\Delta L = A_4[A_1 + A_3 \cdot L]^t$$

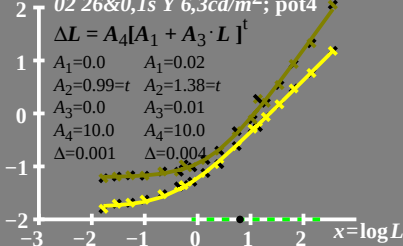
$$A_1=0.0 \quad A_1=0.02$$

$$A_2=0.99=t \quad A_2=1.38=t$$

$$A_3=0.0 \quad A_3=0.01$$

$$A_4=10.0 \quad A_4=10.0$$

$$\Delta=0.001 \quad \Delta=0.004$$



$\log(L/\Delta L)$ luminance contrast sensitivity threshold • $L_g = 6,3 \text{ cd/m}^2$

02 26&0,1s Y 6,3cd/m²; pot4

$$\log(L/\Delta L) = L / [A_1 : (A_2 + A_3 \cdot L)^t]$$

$$A_1 = 0.0$$

$$A_1 = 0.02$$

$$A_2 = 0.99 = t$$

$$A_2 = 1.38 = t$$

$$A_3 = 0.0$$

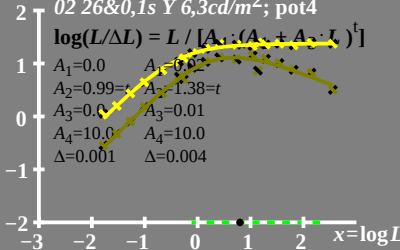
$$A_3 = 0.01$$

$$A_4 = 10.0$$

$$A_4 = 10.0$$

$$\Delta = 0.001$$

$$\Delta = 0.004$$



$L/\Delta L$ luminance contrast sensitivity threshold • $L_g = 6,3 \text{ cd/m}^2$

02 26&0,1s Y 6,3cd/m²; pot4

$$L/\Delta L = L / [A_4 \cdot (A_1 + A_3 \cdot L)^t]$$

$$A_1 = 0.0$$

$$A_1 = 0.02$$

$$A_2 = 0.99 = t$$

$$A_2 = 1.38 = t$$

$$A_3 = 0.0$$

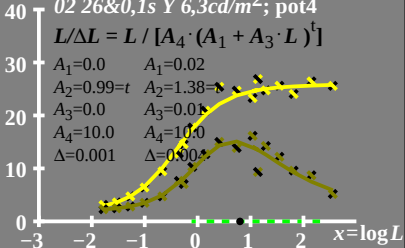
$$A_3 = 0.01$$

$$A_4 = 10.0$$

$$A_4 = 10.0$$

$$\Delta = 0.001$$

$$\Delta = 0.001$$



T^* luminance difference
threshold sum

• $L_0 = 6,3 \text{ cd/m}^2$

80 $0,26 \pm 0,1 \text{ s } Y 6,3 \text{ cd/m}^2; \text{ pot 4}$

$$T^* = A_4[A_1 + A \cdot L^t - 1]$$

$$A_1 = 0.0 \quad A_1 = 0.02$$

$$A_2 = 0.99 = t \quad A_2 = 1.38 = t$$

$$A_3 = 0.0 \quad A_3 = 0.01$$

$$A_4 = 10.0 \quad A_4 = 10.0$$

$$\Delta = 0.001 \quad \Delta = 0.004$$

