

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

2 02 26&0,1s R 6,3cd/m²; pot3

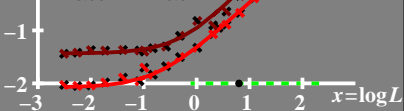
$$\Delta L = [A_1 + A_3 \cdot L]^t$$

$$A_1=0.0 \quad A_1=0.04$$

$$A_2=0.9=t \quad A_2=1.08=t$$

$$A_3=0.02 \quad A_3=0.08$$

$$\Delta=0.002 \quad \Delta=0.011$$



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

02 26&0,1s R 6,3cd/m²; pot3

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

$$A_1=0.0$$

$$A_2=0.9 =$$

$$A_3=0.02$$

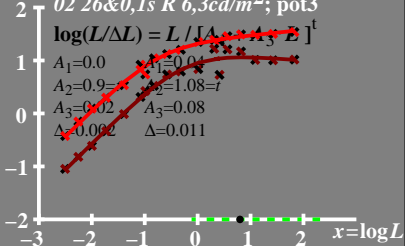
$$\Delta=0.002$$

$$A_1=0.04$$

$$A_2=1.08 = t$$

$$A_3=0.08$$

$$\Delta=0.011$$



$L/\Delta L$ luminance contrast sensitivity threshold

● $L_g = 6,3 \text{ cd/m}^2$

02 26&0,1s R 6,3cd/m²; pot3

$$L/\Delta L = L / [A_1 + A_3 \cdot L]^{1/t}$$

$$A_1 = 0.0$$

$$A_1 = 0.04$$

$$A_2 = 0.9 = t$$

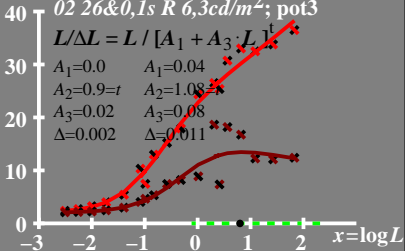
$$A_2 = 1.08 = t$$

$$A_3 = 0.02$$

$$A_3 = 0.08$$

$$\Delta = 0.002$$

$$\Delta = 0.011$$



T^* luminance difference
threshold sum

• $L_g = 6,3 \text{ cd/m}^2$

02 26 & 0,1s R 6,3 cd/m^2 ; pot3

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

$$A_1 = 0.0 \quad A_1 = 0.04$$

$$A_2 = 0.9 = t \quad A_2 = 1.08 = t$$

$$A_3 = 0.02 \quad A_3 = 0.08$$

$$\Delta = 0.002 \quad \Delta = 0.011$$

