

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

02 0,1&26s R 6,3cd/m²; pot3

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

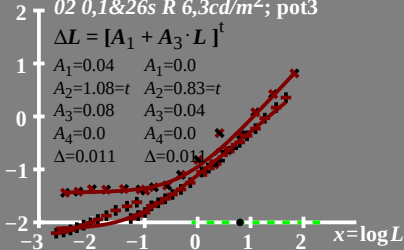
$$A_1 = 0.04 \quad A_1 = 0.0$$

$$A_2 = 1.08 = t \quad A_2 = 0.83 = t$$

$$A_3 = 0.08 \quad A_3 = 0.04$$

$$A_4 = 0.0 \quad A_4 = 0.0$$

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



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

02 0,1&26s R 6,3cd/m²; pot3

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

$$A_1 = 0.04$$

$$A_2 = 1.08$$

$$A_3 = 0.04$$

$$A_4 = 0.0$$

$$\Delta = 0.011$$

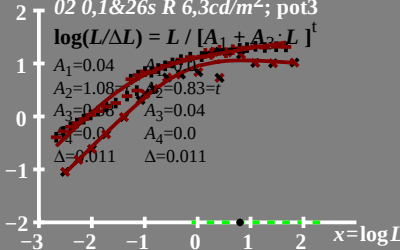
$$A_1 = 0.04$$

$$A_2 = 0.83 = t$$

$$A_3 = 0.04$$

$$A_4 = 0.0$$

$$\Delta = 0.011$$



$L/\Delta L$ luminance contrast
sensitivity threshold

• $L_g = 6,3 \text{cd/m}^2$

02 0,1&26s R 6,3cd/m²; pot3

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

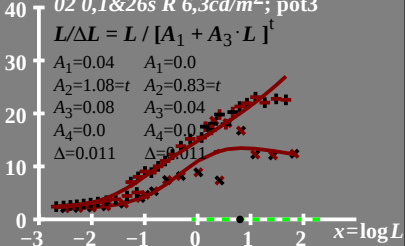
$$A_1 = 0.04 \quad A_1 = 0.0$$

$$A_2 = 1.08 = t \quad A_2 = 0.83 = t$$

$$A_3 = 0.08 \quad A_3 = 0.04$$

$$A_4 = 0.0 \quad A_4 = 0.0$$

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



T^* luminance difference
threshold sum

• $L_g = 6,3 \text{ cd/m}^2$

02 0,1&26s R 6,3cd/m²; pot3

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

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

$$A_2 = 1.08 = t \quad A_2 = 0.83 = t$$

$$A_3 = 0.08 \quad A_3 = 0.04$$

$$A_4 = 0.0 \quad A_4 = 0.0$$

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

