

log ΔL luminance difference threshold • $L_g = 63 \text{ cd/m}^2$

02 0,1&26s Y 63cd/m²; pot3

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

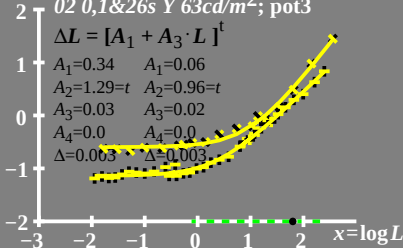
$$A_1 = 0.34 \quad A_1 = 0.06$$

$$A_2 = 1.29 = t \quad A_2 = 0.96 = t$$

$$A_3 = 0.03 \quad A_3 = 0.02$$

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

$$\Delta = 0.003 \quad \Delta = 0.003$$



$\log(L/\Delta L)$ luminance contrast sensitivity threshold • $L_g = 63 \text{ cd/m}^2$

02 0,1&26s Y 63cd/m²; pot3

$$\log(L/\Delta L) = L / [A_1 + A_2 + A_3 + A_4]$$

$$A_1 = 0.34$$

$$A_1 = 0.63$$

$$A_2 = 1.29 = t$$

$$A_2 = 0.96 = t$$

$$A_3 = 0.03$$

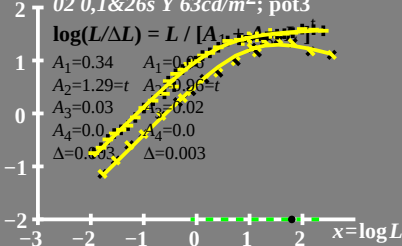
$$A_3 = 0.02$$

$$A_4 = 0.0$$

$$A_4 = 0.0$$

$$\Delta = 0.003$$

$$\Delta = 0.003$$



$L/\Delta L$ luminance contrast sensitivity threshold

● $L_g = 63 \text{ cd/m}^2$

02 0,1&26s Y 63cd/m²; pots

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

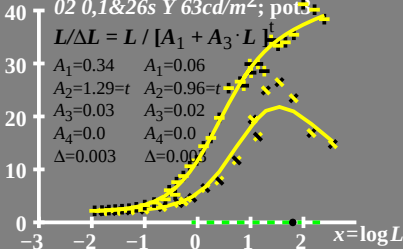
$$A_1 = 0.34 \quad A_1 = 0.06$$

$$A_2 = 1.29 = t \quad A_2 = 0.96 = t$$

$$A_3 = 0.03 \quad A_3 = 0.02$$

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

$$\Delta = 0.003 \quad \Delta = 0.003$$



T^* luminance difference
threshold sum

• $L_0 = 63 \text{ cd/m}^2$

02 0,1&26s Y 63cd/m²; pot3

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

$$A_1 = 0.34 \quad A_1 = 0.06$$

$$A_2 = 1.29 = t \quad A_2 = 0.96 = t$$

$$A_3 = 0.03 \quad A_3 = 0.02$$

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

$$\Delta = 0.003 \quad \Delta = 0.003$$

