

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

AD 0,1&26s G 63cd/m²; pot3

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

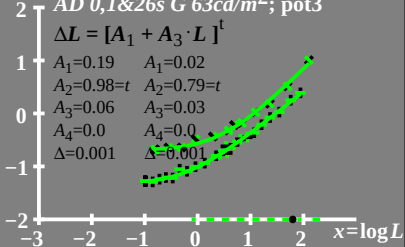
$$A_1 = 0.19 \quad A_1 = 0.02$$

$$A_2 = 0.98 = t \quad A_2 = 0.79 = t$$

$$A_3 = 0.06 \quad A_3 = 0.03$$

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

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



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

AD 0,1&26s G 63cd/m²; pot3

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

$$A_1 = 0.19$$

$$A_1 = 0.02$$

$$A_2 = 0.98 = t$$

$$A_2 = 0.79 = t$$

$$A_3 = 0.06$$

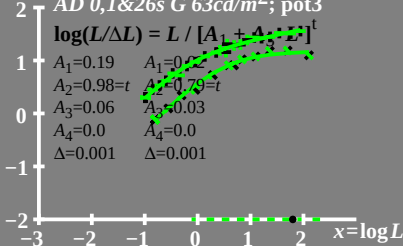
$$A_3 = 0.03$$

$$A_4 = 0.0$$

$$A_4 = 0.0$$

$$\Delta = 0.001$$

$$\Delta = 0.001$$



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

$AD\ 0,1\&26s\ G\ 63 \text{ cd/m}^2; \text{ pot3}$

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

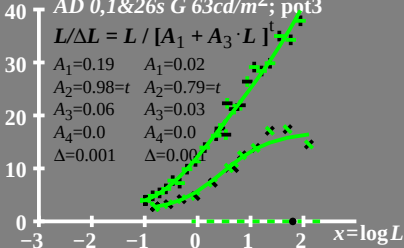
$$A_1 = 0.19 \quad A_1 = 0.02$$

$$A_2 = 0.98 = t \quad A_2 = 0.79 = t$$

$$A_3 = 0.06 \quad A_3 = 0.03$$

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

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



T^* luminance difference
threshold sum

• $L_g = 63 \text{ cd/m}^2$

$AD\ 0,1\&26s\ G\ 63\text{cd/m}^2; pot3$

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

$$A_1 = 0.19 \quad A_1 = 0.02$$

$$A_2 = 0.98=t \quad A_2 = 0.79=t$$

$$A_3 = 0.06 \quad A_3 = 0.03$$

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

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

