

log ΔL luminance difference threshold • $L_g = 630 \text{ cd/m}^2$

04 0,1&26s A 630cd/m²; pot3

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

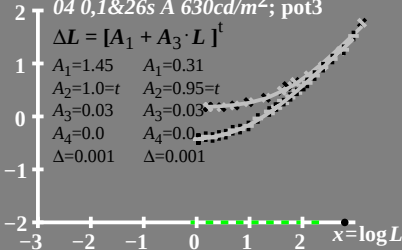
$$A_1 = 1.45 \quad A_1 = 0.31$$

$$A_2 = 1.0 = t \quad A_2 = 0.95 = t$$

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

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

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



$\log(L/\Delta L)$ luminance contrast sensitivity threshold • $L_g = 630 \text{ cd/m}^2$

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$$\log(L/\Delta L) = L / [A_1 + A_2 \cdot L^{-1} + A_3 \cdot L^{-2} + A_4 \cdot L^{-3}]$$

$$A_1 = 1.45$$

$$A_1 = 0.31$$

$$A_2 = 1.0 = t$$

$$A_2 = 0.95 = t$$

$$A_3 = 0.03$$

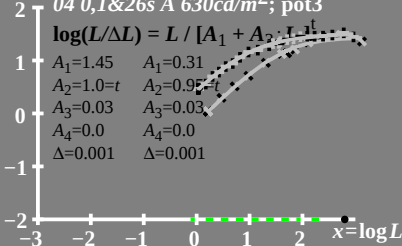
$$A_3 = 0.03$$

$$A_4 = 0.0$$

$$A_4 = 0.0$$

$$\Delta = 0.001$$

$$\Delta = 0.001$$



$L/\Delta L$ luminance contrast sensitivity threshold • $L_g = 630 \text{ cd/m}^2$

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

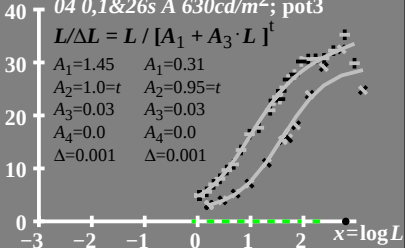
$$A_1 = 1.45 \quad A_1 = 0.31$$

$$A_2 = 1.0 = t \quad A_2 = 0.95 = t$$

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

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

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



T^* luminance difference
threshold sum

• $L_g = 630 \text{ cd/m}^2$

04 0,1&26s A 630cd/m²; pot3

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

$$A_1 = 1.45 \quad A_1 = 0.31$$

$$A_2 = 1.0 = t \quad A_2 = 0.95 = t$$

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

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

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

