

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

02 0,1&26s R 630cd/m²; pot3

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

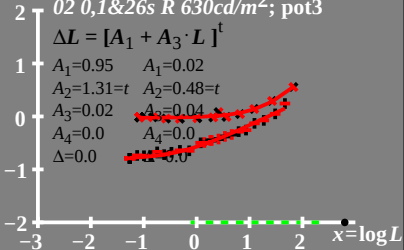
$$A_1 = 0.95 \quad A_1 = 0.02$$

$$A_2 = 1.31 = t \quad A_2 = 0.48 = t$$

$$A_3 = 0.02 \quad A_3 = 0.04$$

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

$$\Delta = 0.0 \quad \Delta = 0.0$$



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

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$$\log(L/\Delta L) = L / [A_1 + A_2 L + A_3 L^2 + A_4 L^3]^t$$

$$A_1 = 0.95$$

$$A_1 = 0.02$$

$$A_2 = 1.31 = t$$

$$A_2 = 0.16 = t$$

$$A_3 = 0.02$$

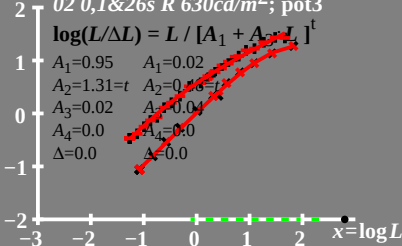
$$A_3 = 0.04$$

$$A_4 = 0.0$$

$$A_4 = 0.0$$

$$\Delta = 0.0$$

$$\Delta = 0.0$$



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

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

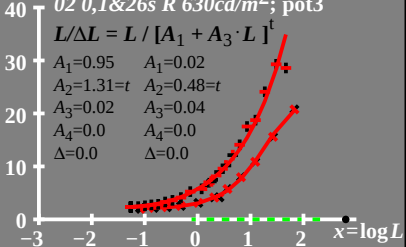
$$A_1 = 0.95 \quad A_1 = 0.02$$

$$A_2 = 1.31 = t \quad A_2 = 0.48 = t$$

$$A_3 = 0.02 \quad A_3 = 0.04$$

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

$$\Delta = 0.0 \quad \Delta = 0.0$$



T^* luminance difference
threshold sum

• $L_g = 630 \text{ cd/m}^2$

02 0,1&26s R 630cd/m²; pot3

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

$$A_1 = 0.95 \quad A_1 = 0.02$$

$$A_2 = 1.31 = t \quad A_2 = 0.48 = t$$

$$A_3 = 0.02 \quad A_3 = 0.04$$

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

$$\Delta = 0.0 \quad \Delta = 0.0$$

