

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

02 26s Y 63cd/m²; pot4

$$\Delta L = A_4 [A_1 + A_3 \cdot L]^t$$

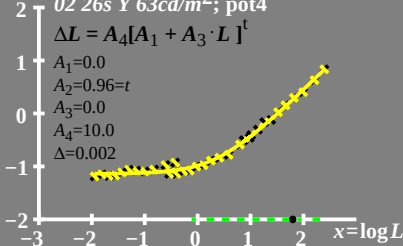
$$A_1 = 0.0$$

$$A_2 = 0.96 = t$$

$$A_3 = 0.0$$

$$A_4 = 10.0$$

$$\Delta = 0.002$$



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

02 26s Y 63cd/m²; pot4

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

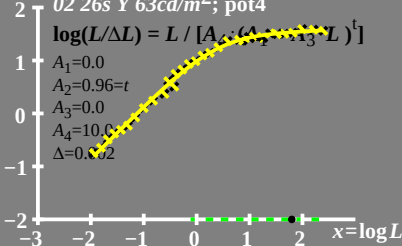
$$A_1 = 0.0$$

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$$A_3 = 0.0$$

$$A_4 = 10.0$$

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$L/\Delta L$ luminance contrast
sensitivity threshold

● $L_g = 63 \text{ cd/m}^2$

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$$L/\Delta L = L / [A_4 \cdot (A_1 + A_2 \cdot e^{A_3 \cdot x})^t]$$

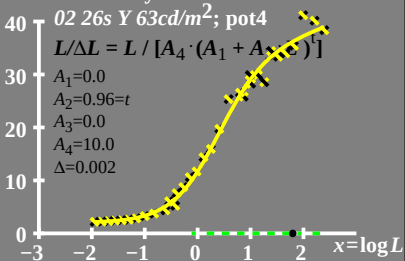
$$A_1 = 0.0$$

$$A_2 = 0.96 = t$$

$$A_3 = 0.0$$

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T^* luminance difference
threshold sum

• $L_g = 63 \text{ cd/m}^2$

02 26s Y 63cd/m²; pot4

$$T^* = A_4[A_1 + A \cdot L^t - 1]$$

$A_1 = 0.0$

$A_2 = 0.96 = t$

$A_3 = 0.0$

$A_4 = 10.0$

$\Delta = 0.002$

