

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

02 0,1&26s B 630cd/m²; hyp2

$$\Delta L = A_1 \cdot A_2 \cdot A_3 \cdot L^t / (L^t + A_2)^2$$

$$A_1 = 108.6 \quad A_1 = 117.7$$

$$A_2 = 114.8 \quad A_2 = 29.34$$

$$A_3 = 0.8 = t \quad A_3 = 0.8 = t$$

$$A_6 = 9971.0 \quad A_6 = 2762.0$$

$$A_7 = 375.7 \quad A_7 = 68.29$$

$$\Delta = 0.008 \quad \Delta = 0.008$$



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

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$$\log(L/\Delta L) = A_1 \cdot A_2 \cdot t \cdot L / (L^t + A_2)^2$$

$$A_1 = 108.6$$

$$A_2 = 114.8$$

$$A_3 = 0.8 = t$$

$$A_6 = 9971.0$$

$$A_7 = 375.7$$

$$\Delta = 0.008$$

$$A_1 = 117.7$$

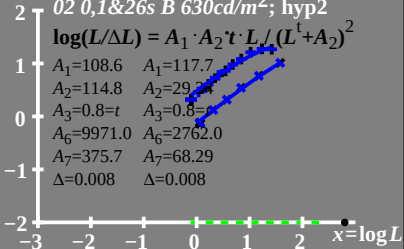
$$A_2 = 29.24$$

$$A_3 = 0.8 = t$$

$$A_6 = 2762.0$$

$$A_7 = 68.29$$

$$\Delta = 0.008$$



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

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$$L/\Delta L = A_1 \cdot A_2 \cdot t \cdot L / (L^t + A_2)^2$$

$$A_1 = 108.6 \quad A_1 = 117.7$$

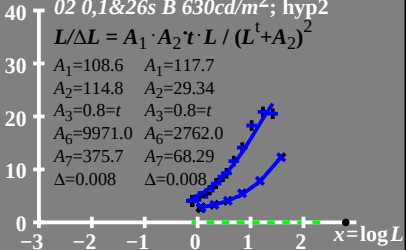
$$A_2 = 114.8 \quad A_2 = 29.34$$

$$A_3 = 0.8 = t \quad A_3 = 0.8 = t$$

$$A_6 = 9971.0 \quad A_6 = 2762.0$$

$$A_7 = 375.7 \quad A_7 = 68.29$$

$$\Delta = 0.008 \quad \Delta = 0.008$$



T^* luminance difference
threshold sum

• $L_g = 630 \text{ cd/m}^2$

02 0,1&26s B 630cd/m²; hyp2

$$T^* = A_1 \cdot L^t / (L^t + A_2)$$

$$A_1 = 108.6 \quad A_1 = 117.7$$

$$A_2 = 114.8 \quad A_2 = 29.34$$

$$A_3 = 0.8 = t \quad A_3 = 0.8 = t$$

$$A_6 = 9971.0 \quad A_6 = 2762.0$$

$$A_7 = 375.7 \quad A_7 = 68.29$$

$$\Delta = 0.008 \quad \Delta = 0.008$$

