

log ΔL luminance difference threshold • $L_g = 6,3 \text{cd/m}^2$

02 0,1s R 6,3cd/m²; hyp3

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

$$A_1 = 70.62$$

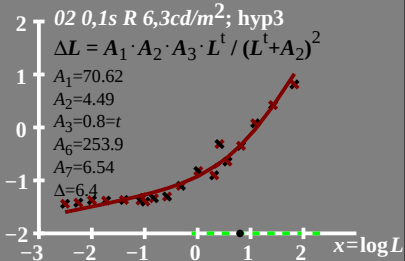
$$A_2 = 4.49$$

$$A_3 = 0.8 = t$$

$$A_6 = 253.9$$

$$A_7 = 6.54$$

$$\Delta = 6.4$$



$\log(L/\Delta L)$ luminance contrast • $L_g = 6,3 \text{cd/m}^2$
 sensitivity threshold

02 0,1s R 6,3cd/m²; hyp3

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

$$A_1 = 70.62$$

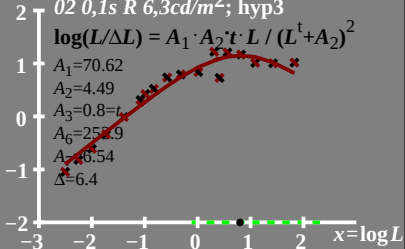
$$A_2 = 4.49$$

$$A_3 = 0.8 = t$$

$$A_6 = 253.9$$

$$A_7 = 6.54$$

$$\Delta = 6.4$$



$L/\Delta L$ luminance contrast
sensitivity threshold

• $L_g = 6,3 \text{cd/m}^2$

02 0,1s R 6,3cd/m²; hyp3

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

$$A_1 = 70.62$$

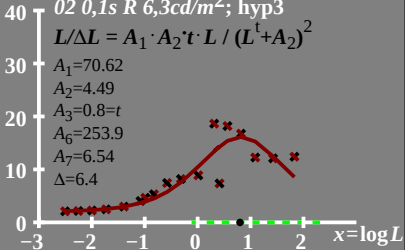
$$A_2 = 4.49$$

$$A_3 = 0.8 = t$$

$$A_6 = 253.9$$

$$A_7 = 6.54$$

$$\Delta = 6.4$$



T^* luminance difference
threshold sum

• $L_g = 6,3 \text{ cd/m}^2$

02 0,1s R 6,3cd/m²; hyp3

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

$$A_1 = 70.62$$

$$A_2 = 4.49$$

$$A_3 = 0.8 = t$$

$$A_6 = 253.9$$

$$A_7 = 6.54$$

$$\Delta = 6.4$$

