

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

04 0,1s A&B $6,3 \text{ cd/m}^2$; hyp2

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

$$A_1 = 81.89 \quad A_1 = 183.2$$

$$A_2 = 5.59 \quad A_2 = 62.7$$

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

$$A_6 = 366.6 \quad A_6 = 9191.0$$

$$A_7 = 8.6 \quad A_7 = 176.4$$

$$\Delta = 7.289 \quad \Delta = 7.289$$



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

04 0,1s A&B 6,3cd/m²; hyp2

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

$$A_1=81.89$$

$$A_1=183.2$$

$$A_2=5.59$$

$$A_2=62.7$$

$$A_3=0.8=t$$

$$A_3=0.8=t$$

$$A_6=366.6$$

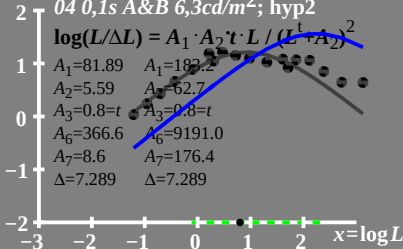
$$A_6=9191.0$$

$$A_7=8.6$$

$$A_7=176.4$$

$$\Delta=7.289$$

$$\Delta=7.289$$



$L/\Delta L$ luminance contrast
sensitivity threshold

• $L_g = 6,3 \text{ cd/m}^2$

04 0,1s A&B $6,3 \text{ cd/m}^2$; hyp2

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

$$A_1 = 81.89 \quad A_1 = 183.2$$

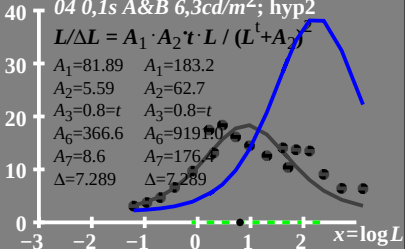
$$A_2 = 5.59 \quad A_2 = 62.7$$

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

$$A_6 = 366.6 \quad A_6 = 9191.0$$

$$A_7 = 8.6 \quad A_7 = 176.4$$

$$\Delta = 7.289 \quad \Delta = 7.289$$



T^* luminance difference
threshold sum

• $L_g = 6,3 \text{ cd/m}^2$

04 0,1s A&B $6,3 \text{ cd/m}^2$; hyp2

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

$$A_1 = 81.89 \quad A_1 = 183.2$$

$$A_2 = 5.59 \quad A_2 = 62.7$$

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

$$A_6 = 366.6 \quad A_6 = 9191.0$$

$$A_7 = 8.6 \quad A_7 = 176.4$$

$$\Delta = 7.289 \quad \Delta = 7.289$$

