

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

02 0,1&26s B 6,3cd/m²; hyp3

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

$$A_1 = 195.5 \quad A_1 = 146.6$$

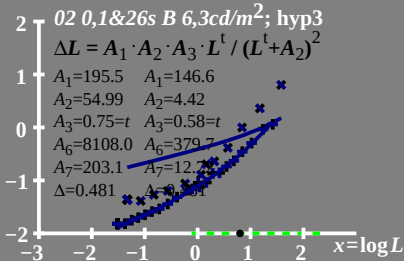
$$A_2 = 54.99 \quad A_2 = 4.42$$

$$A_3 = 0.75 = t \quad A_3 = 0.58 = t$$

$$A_6 = 8108.0 \quad A_6 = 379.7$$

$$A_7 = 203.1 \quad A_7 = 12.7$$

$$\Delta = 0.481 \quad \Delta = 0.351$$



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

02 0,1&26s B 6,3cd/m²; hyp3

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

$$A_1 = 195.5$$

$$A_2 = 54.99$$

$$A_3 = 0.75 =$$

$$A_6 = 8108.0$$

$$A_7 = 203.1$$

$$\Delta = 0.481$$

$$A_1 = 195.5$$

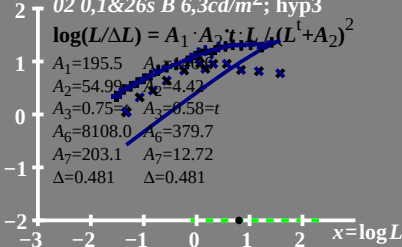
$$A_2 = 4.42$$

$$A_3 = 0.58 = t$$

$$A_6 = 379.7$$

$$A_7 = 12.72$$

$$\Delta = 0.481$$



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

02 0,1&26s B 6,3cd/m²; hyp3

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

$$A_1 = 195.5 \quad A_1 = 146.6$$

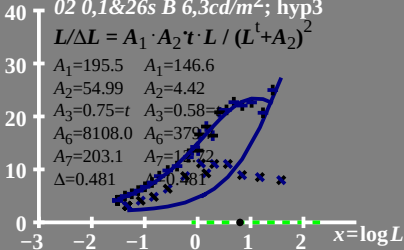
$$A_2 = 54.99 \quad A_2 = 4.42$$

$$A_3 = 0.75 = t \quad A_3 = 0.58 =$$

$$A_6 = 8108.0 \quad A_6 = 379$$

$$A_7 = 203.1 \quad A_7 = 12.72$$

$$\Delta = 0.481 \quad \Delta = 0.481$$



T^* luminance difference
threshold sum

• $L_g = 6,3 \text{ cd/m}^2$

02 0,1&26s B 6,3cd/m²; hyp3

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

$$A_1 = 195.5 \quad A_1 = 146.6$$

$$A_2 = 54.99 \quad A_2 = 4.42$$

$$A_3 = 0.75 = t \quad A_3 = 0.58 = t$$

$$A_6 = 8108.0 \quad A_6 = 379.7$$

$$A_7 = 203.1 \quad A_7 = 12.72$$

$$\Delta = 0.481 \quad \Delta = 0.481$$

