

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

02 0,1&26s B 63cd/m²; hyp2

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

$$A_1 = 48.76 \quad A_1 = 130.89$$

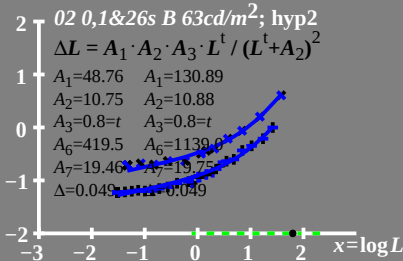
$$A_2 = 10.75 \quad A_2 = 10.88$$

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

$$A_6 = 419.5 \quad A_6 = 1139.0$$

$$A_7 = 19.46 \quad A_7 = 19.75$$

$$\Delta = 0.049 \quad \Delta = 0.049$$



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

02 0,1&26s B 63cd/m²; hyp2

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

$$A_1 = 48.76$$

$$A_1 = 139.89$$

$$A_2 = 10.75$$

$$A_2 = 10.88$$

$$A_3 = 0.8 = t$$

$$A_3 = 0.8 = t$$

$$A_6 = 419.5$$

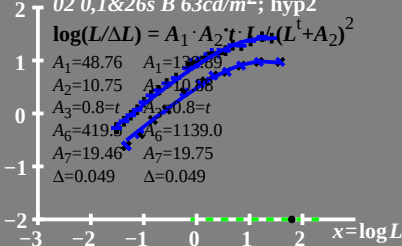
$$A_6 = 1139.0$$

$$A_7 = 19.46$$

$$A_7 = 19.75$$

$$\Delta = 0.049$$

$$\Delta = 0.049$$



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

02 0,1&26s B 63 cd/m^2 ; hyp2

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

$$A_1 = 48.76 \quad A_1 = 130.89$$

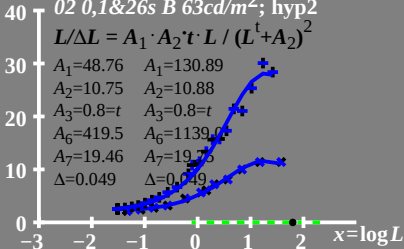
$$A_2 = 10.75 \quad A_2 = 10.88$$

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

$$A_6 = 419.5 \quad A_6 = 1139.0$$

$$A_7 = 19.46 \quad A_7 = 19.75$$

$$\Delta = 0.049 \quad \Delta = 0.049$$



T^* luminance difference
threshold sum

• $L_g = 63 \text{ cd/m}^2$

02 0,1&26s B 63cd/m²; hyp2

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

$$A_1 = 48.76 \quad A_1 = 130.89$$

$$A_2 = 10.75 \quad A_2 = 10.88$$

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

$$A_6 = 419.5 \quad A_6 = 1139.0$$

$$A_7 = 19.46 \quad A_7 = 19.75$$

$$\Delta = 0.049 \quad \Delta = 0.049$$

