

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

02 0,1&26s R 6,3cd/m²; hyp2

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

$$A_1 = 70.62 \quad A_1 = 112.5$$

$$A_2 = 4.49 \quad A_2 = 5.21$$

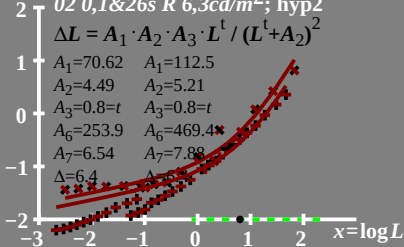
$$A_3 = 0.8 = t \quad A_3 = 0.8 = t$$

$$A_6 = 253.9 \quad A_6 = 469.4$$

$$A_7 = 6.54 \quad A_7 = 7.88$$

$$\Delta = 6.4$$

$$\Delta = 6.4$$



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

02 0,1&26s R 6,3cd/m²; hyp2

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

$$A_1 = 70.62$$

$$A_2 = 4.49$$

$$A_3 = 0.8 = t$$

$$A_6 = 258.9$$

$$A_7 = 6.54$$

$$\Delta = 6.4$$

$$A_4 = 1.15$$

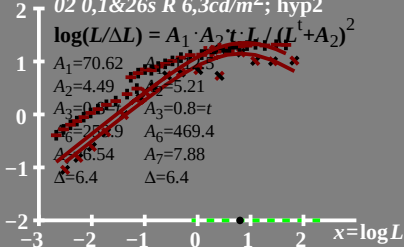
$$A_5 = 5.21$$

$$A_3 = 0.8 = t$$

$$A_6 = 469.4$$

$$A_7 = 7.88$$

$$\Delta = 6.4$$



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

02 0,1&26s R 6,3cd/m²; hyp2

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

$$A_1 = 70.62 \quad A_1 = 112.5$$

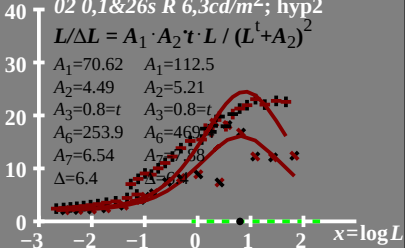
$$A_2 = 4.49 \quad A_2 = 5.21$$

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

$$A_6 = 253.9 \quad A_6 = 469.7$$

$$A_7 = 6.54 \quad A_7 = 7.88$$

$$\Delta = 6.4 \quad \Delta = 6.4$$



T^* luminance difference
threshold sum

