

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

02 0,1&26s R 6,3cd/m²; hyp3

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

$$A_1 = 80.36 \quad A_1 = 169.2$$

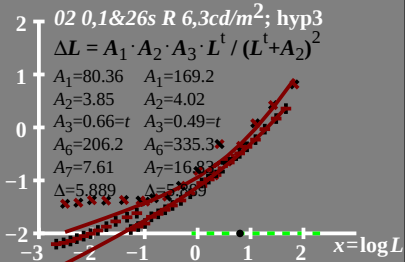
$$A_2 = 3.85 \quad A_2 = 4.02$$

$$A_3 = 0.66 = t \quad A_3 = 0.49 = t$$

$$A_6 = 206.2 \quad A_6 = 335.3$$

$$A_7 = 7.61 \quad A_7 = 16.83$$

$$\Delta = 5.889 \quad \Delta = 5.889$$



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

02 0,1&26s R 6,3cd/m²; hyp3

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

$$A_1 = 80.36$$

$$A_2 = 3.85$$

$$A_3 = 0.86$$

$$A_6 = 208.2$$

$$A_7 = 7.61$$

$$\Delta = 5.889$$

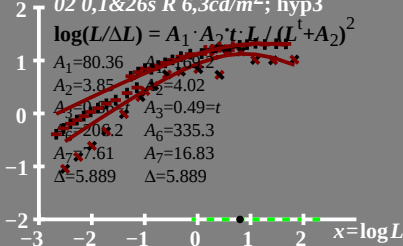
$$A_2 = 4.02$$

$$A_3 = 0.49 = t$$

$$A_6 = 335.3$$

$$A_7 = 16.83$$

$$\Delta = 5.889$$



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

02 0,1&26s R 6,3cd/m²; hyp3

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

$$A_1 = 80.36 \quad A_1 = 169.2$$

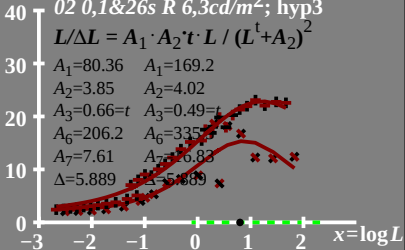
$$A_2 = 3.85 \quad A_2 = 4.02$$

$$A_3 = 0.66 = t \quad A_3 = 0.49 = t$$

$$A_6 = 206.2 \quad A_6 = 335.5$$

$$A_7 = 7.61 \quad A_7 = 16.83$$

$$\Delta = 5.889 \quad \Delta = 5.889$$



T^* luminance difference
threshold sum

• $L_g = 6,3 \text{ cd/m}^2$

02 0,1&26s R 6,3cd/m²; hyp3

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

$$A_1 = 80.36 \quad A_1 = 169.2$$

$$A_2 = 3.85 \quad A_2 = 4.02$$

$$A_3 = 0.66 = t \quad A_3 = 0.49 = t$$

$$A_6 = 206.2 \quad A_6 = 335.3$$

$$A_7 = 7.61 \quad A_7 = 16.83$$

$$\Delta = 5.889 \quad \Delta = 5.889$$

