

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

02 26&0,1s B 6,3cd/m²; hyp3

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

$$A_1 = 98.67 \quad A_1 = 46.24$$

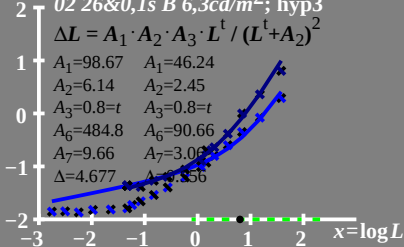
$$A_2 = 6.14 \quad A_2 = 2.45$$

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

$$A_6 = 484.8 \quad A_6 = 90.66$$

$$A_7 = 9.66 \quad A_7 = 3.06$$

$$\Delta = 4.677 \quad \Delta = 8.556$$



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

02 26&0,1s B 6,3cd/m²; hyp3

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

$$A_1 = 98.67$$

$$A_2 = 6.14$$

$$A_3 = 0.8 = t$$

$$A_6 = 48.48$$

$$A_7 = 9.66$$

$$\Delta = 4.677$$

$$A_1 = 46.9$$

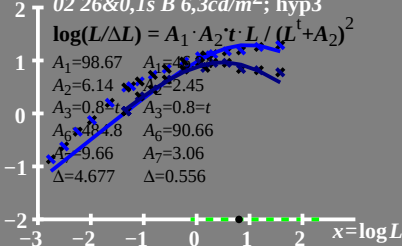
$$A_2 = 2.45$$

$$A_3 = 0.8 = t$$

$$A_6 = 90.66$$

$$A_7 = 3.06$$

$$\Delta = 0.556$$



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

02 26&0,1s B 6,3cd/m²; hyp3

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

$$A_1 = 98.67 \quad A_1 = 46.24$$

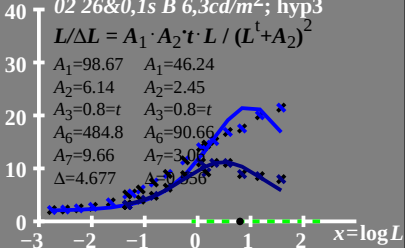
$$A_2 = 6.14 \quad A_2 = 2.45$$

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

$$A_6 = 484.8 \quad A_6 = 90.66$$

$$A_7 = 9.66 \quad A_7 = 3.06$$

$$\Delta = 4.677 \quad \Delta = 0.556$$



T^* luminance difference
threshold sum

• $L_g = 6,3 \text{ cd/m}^2$

02 26&0,1s B 6,3cd/m²; hyp3

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

$$A_1 = 98.67 \quad A_1 = 46.24$$

$$A_2 = 6.14 \quad A_2 = 2.45$$

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

$$A_6 = 484.8 \quad A_6 = 90.66$$

$$A_7 = 9.66 \quad A_7 = 3.06$$

$$\Delta = 4.677 \quad \Delta = 0.558$$

