

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

02 26s R 6,3cd/m²; hyp2

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

$$A_1 = 278.9$$

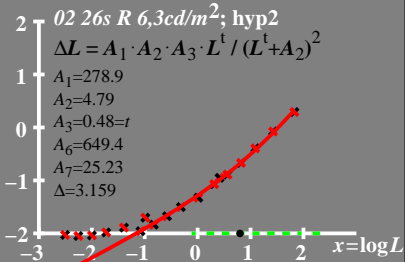
$$A_2 = 4.79$$

$$A_3 = 0.48 = t$$

$$A_6 = 649.4$$

$$A_7 = 25.23$$

$$\Delta = 3.159$$



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

02 26s R 6,3cd/m²; hyp2

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

$$A_1 = 278.9$$

$$A_2 = 4.79$$

$$A_3 = 0.48 = t$$

$$A_5 = 649.4$$

$$A_7 = 25.23$$

$$\Delta = 3.159$$



$L/\Delta L$ luminance contrast
sensitivity threshold

● $L_g = 6,3 \text{ cd/m}^2$

02 26s R 6,3cd/m²; hyp2

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

$$A_1 = 278.9$$

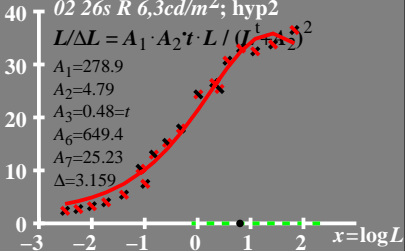
$$A_2 = 4.79$$

$$A_3 = 0.48 = t$$

$$A_6 = 649.4$$

$$A_7 = 25.23$$

$$\Delta = 3.159$$



T^* luminance difference
threshold sum

• $L_g = 6,3 \text{ cd/m}^2$

80 *02 26s R 6,3 cd/m²; hyp2*

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

60 $A_1 = 278.9$

$A_2 = 4.79$

40 $A_3 = 0.48 = t$

$A_6 = 649.4$

$A_7 = 25.23$

$\Delta = 3.159$

