

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

AD 26s G 6,3 cd/m²; hyp2

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

$$A_1 = 171.9$$

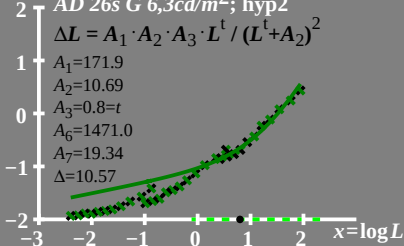
$$A_2 = 10.69$$

$$A_3 = 0.8 = t$$

$$A_6 = 1471.0$$

$$A_7 = 19.34$$

$$\Delta = 10.57$$



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

AD 26s G 6,3cd/m²; hyp2

$$\log(L/\Delta L) = A_1 + A_2 \cdot \frac{L^t}{L^t + A_2}$$

$$A_1 = 171.9$$

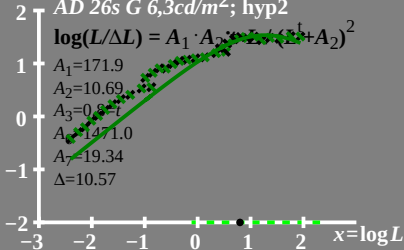
$$A_2 = 10.69$$

$$A_3 = 0.8 = t$$

$$A_4 = 1471.0$$

$$A_7 = 19.34$$

$$\Delta = 10.57$$



$L/\Delta L$ luminance contrast sensitivity threshold

• $L_g = 6,3 \text{ cd/m}^2$

AD 26s G $6,3 \text{ cd/m}^2$; hyp2

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

$$A_1 = 171.9$$

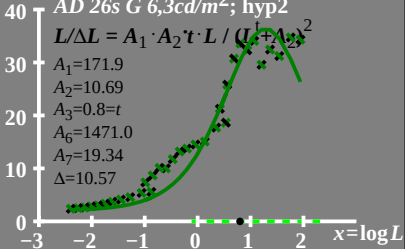
$$A_2 = 10.69$$

$$A_3 = 0.8 = t$$

$$A_6 = 1471.0$$

$$A_7 = 19.34$$

$$\Delta = 10.57$$



T^* luminance difference
threshold sum

• $L_g = 6,3 \text{ cd/m}^2$

80 $AD\ 26s\ G\ 6,3 \text{ cd/m}^2; \text{ hyp2}$

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

60 $A_1 = 171.9$

$A_2 = 10.69$

40 $A_3 = 0.8 = t$

$A_6 = 1471.0$

$A_7 = 19.34$

$\Delta = 10.57$

0
-3 -2 -1 0 1 2 $x = \log L$