

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

AD 0,1s G 6,3cd/m²; hyp3

$$\Delta L = A_1 \cdot A_2 \cdot A_3 \cdot L^t / (L^t + A_7)^2$$

$$A_1 = 61.44$$

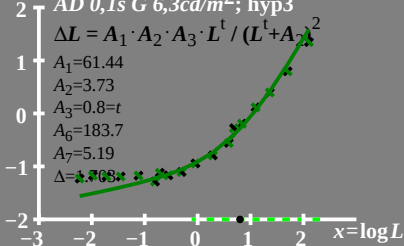
$$A_2 = 3.73$$

$$A_3 = 0.8 = t$$

$$A_6 = 183.7$$

$$A_7 = 5.19$$

$$\Delta = 1.868$$



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

AD 0,1s G 6,3cd/m²; hyp3

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

$$A_1 = 61.44$$

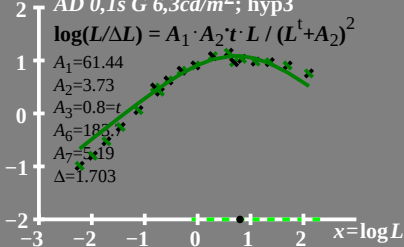
$$A_2 = 3.73$$

$$A_3 = 0.8 = t$$

$$A_6 = 183.7$$

$$A_7 = 5.19$$

$$\Delta = 1.703$$



$L/\Delta L$ luminance contrast
sensitivity threshold

• $L_g = 6,3 \text{ cd/m}^2$

AD 0,1s G 6,3cd/m²; hyp3

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

$$A_1 = 61.44$$

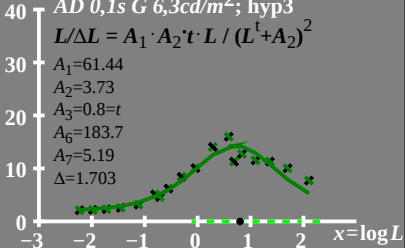
$$A_2 = 3.73$$

$$A_3 = 0.8 = t$$

$$A_6 = 183.7$$

$$A_7 = 5.19$$

$$\Delta = 1.703$$



T^* luminance difference
threshold sum

• $L_g = 6,3 \text{ cd/m}^2$

80 $AD\ 0,1s\ G\ 6,3 \text{ cd/m}^2; \text{hyp3}$

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

60 $A_1 = 61.44$

$A_2 = 3.73$

40 $A_3 = 0.8 = t$

$A_6 = 183.7$

20 $A_7 = 5.19$

$\Delta = 1.703$

