

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

2 *02 0,1s R 6,3cd/m²; pot3*

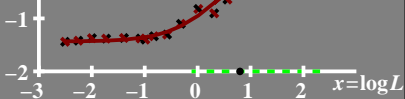
$$\Delta L = [A_1 + A_3 \cdot L]^t$$

1 $A_1=0.04$

$A_2=1.08=t$

0 $A_3=0.08$

$\Delta=0.011$



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

02 0,1s R 6,3cd/m²; pot3

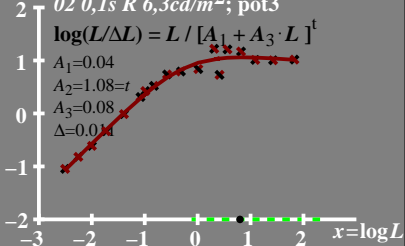
$$\log(L/\Delta L) = L / [A_1 + A_3 \cdot L]^t$$

$$A_1=0.04$$

$$A_2=1.08=t$$

$$A_3=0.08$$

$$\Delta=0.01$$



$L/\Delta L$ luminance contrast
sensitivity threshold

● $L_g = 6,3 \text{ cd/m}^2$

02 0,1s R 6,3cd/m²; pot3

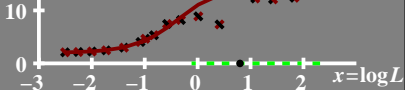
$$L/\Delta L = L / [A_1 + A_3 \cdot L]^t$$

$$A_1 = 0.04$$

$$A_2 = 1.08 = t$$

$$A_3 = 0.08$$

$$\Delta = 0.011$$



T^* luminance difference
threshold sum

• $L_g = 6,3 \text{ cd/m}^2$

80 *02 0,1s R 6,3cd/m²; pot3*

$$T^* = [A_1 + A \cdot L]^t - 1$$

60 $A_1 = 0.04$

$A_2 = 1.08 = t$

40 $A_3 = 0.08$

$\Delta = 0.011$

20

0

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