

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

2 *AD 0,1s G 6,3cd/m²; pot3*

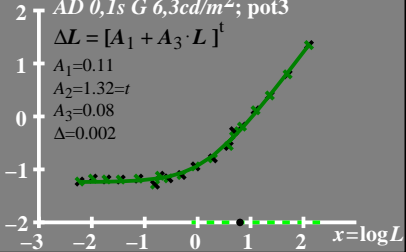
$$\Delta L = [A_1 + A_3 \cdot L]^t$$

$$A_1=0.11$$

$$A_2=1.32=t$$

$$A_3=0.08$$

$$\Delta=0.002$$



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

AD 0,1s G 6,3cd/m²; pot3

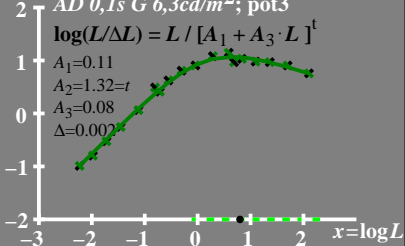
$$\log(L/\Delta L) = L / [A_1 + A_3 \cdot L]^t$$

$$A_1=0.11$$

$$A_2=1.32=t$$

$$A_3=0.08$$

$$\Delta=0.002$$



$L/\Delta L$ luminance contrast
sensitivity threshold

● $L_g = 6,3 \text{ cd/m}^2$

40 $AD\ 0,1s\ G\ 6,3 \text{ cd/m}^2; \text{ pot3}$

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

30 $A_1 = 0.11$

$A_2 = 1.32 = t$

20 $A_3 = 0.08$

$\Delta = 0.002$

10

0

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

T^* luminance difference
threshold sum

$L_g = 6,3 \text{ cd/m}^2$

$AD\ 0,1s\ G\ 6,3 \text{ cd/m}^2; \text{ pot3}$

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

$$A_1 = 0.11$$

$$A_2 = 1.32 = t$$

$$A_3 = 0.08$$

$$\Delta = 0.002$$

80

60

40

20

0

-3

-2

-1

0

1

2

$x = \log L$