

log ΔL luminance difference threshold $\bullet L_g=63\text{cd/m}^2$

2 *AD 0,1s G 63cd/m²; pot3*

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

$$A_1=0.19$$

$$A_2=0.98=t$$

$$A_3=0.06$$

$$\Delta=0.001$$



$\log(L/\Delta L)$ luminance contrast sensitivity threshold $\bullet L_g=63\text{cd/m}^2$

AD 0,1s G 63cd/m²; pot3

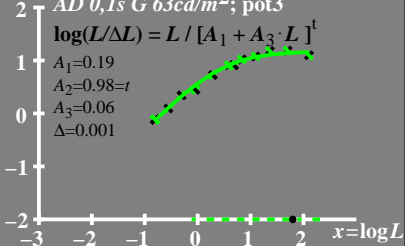
$$\log(L/\Delta L) = L / [A_1 + A_3 \cdot L]^t$$

$$A_1=0.19$$

$$A_2=0.98=t$$

$$A_3=0.06$$

$$\Delta=0.001$$



$L/\Delta L$ luminance contrast
sensitivity threshold

● $L_g = 63 \text{ cd/m}^2$

AD 0,1s G 63cd/m²; pot3

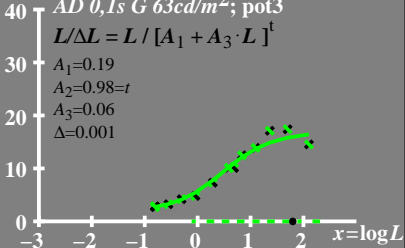
$$L/\Delta L = L / [A_1 + A_3 \cdot L]^t$$

$$A_1 = 0.19$$

$$A_2 = 0.98 = t$$

$$A_3 = 0.06$$

$$\Delta = 0.001$$



T^* luminance difference
threshold sum

• $L_g = 63 \text{ cd/m}^2$

$AD\ 0,1s\ G\ 63 \text{ cd/m}^2; \text{ pot3}$

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

$$A_1 = 0.19$$

$$A_2 = 0.98 = t$$

$$A_3 = 0.06$$

$$\Delta = 0.001$$

80

60

40

20

0

-3

-2

-1

0

1

2

$x = \log L$