

log  $\Delta L$  luminance difference threshold •  $L_g = 630 \text{ cd/m}^2$

2 *AD 0,1s G 630cd/m<sup>2</sup>; pot3*

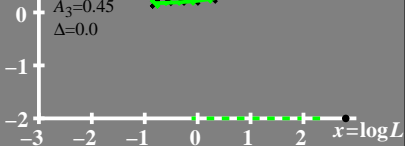
$$\Delta L = [A_1 + A_3 \cdot L]^t$$

$$A_1 = 1.96$$

$$A_2 = 0.57 = t$$

$$A_3 = 0.45$$

$$\Delta = 0.0$$



$\log(L/\Delta L)$  luminance contrast sensitivity threshold  $\bullet L_g=630\text{cd/m}^2$

*AD 0,1s G 630cd/m<sup>2</sup>; pot3*

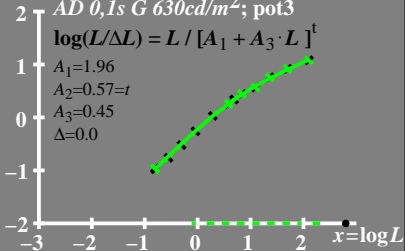
$$\log(L/\Delta L) = L / [A_1 + A_3 \cdot L]^t$$

$$A_1=1.96$$

$$A_2=0.57=t$$

$$A_3=0.45$$

$$\Delta=0.0$$



$L/\Delta L$  luminance contrast  
sensitivity threshold

•  $L_g = 630 \text{ cd/m}^2$

AD 0, 1s G 630  $\text{cd/m}^2$ ; pot3

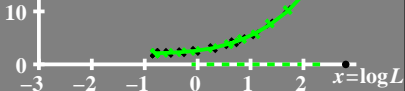
$$L/\Delta L = L / [A_1 + A_3 \cdot L]^t$$

$$A_1 = 1.96$$

$$A_2 = 0.57 = t$$

$$A_3 = 0.45$$

$$\Delta = 0.0$$



$T^*$  luminance difference  
threshold sum

•  $L_g = 630 \text{ cd/m}^2$

80  $AD\ 0,1s\ G\ 630 \text{ cd/m}^2; \text{ pot3}$

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

60  $A_1 = 1.96$

$A_2 = 0.57 = t$

40  $A_3 = 0.45$

$\Delta = 0.0$

20

0

-3

-2

-1

0

1

2

$x = \log L$