

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

2 *02 0,1s R 63cd/m<sup>2</sup>; pot3*

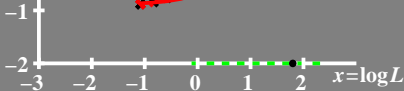
$$\Delta L = [A_1 + A_3 \cdot L]^t$$

1  $A_1=0.15$

$A_2=1.08=t$

0  $A_3=0.07$

$\Delta=0.002$



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

2 02 0,1s R 63cd/m<sup>2</sup>; pot3

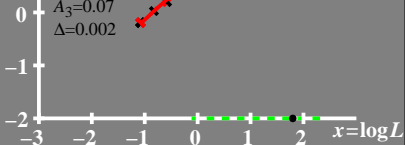
$$\log(L/\Delta L) = L / [A_1 + A_3 \cdot L]^t$$

$$A_1 = 0.15$$

$$A_2 = 1.08 = t$$

$$A_3 = 0.07$$

$$\Delta = 0.002$$



$L/\Delta L$  luminance contrast  
sensitivity threshold

●  $L_g = 63 \text{ cd/m}^2$

02 0,1s R 63cd/m<sup>2</sup>; pot3

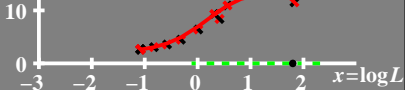
$$L/\Delta L = L / [A_1 + A_3 \cdot L]^t$$

$$A_1 = 0.15$$

$$A_2 = 1.08 = t$$

$$A_3 = 0.07$$

$$\Delta = 0.002$$



$T^*$  luminance difference  
threshold sum

•  $L_g = 63 \text{ cd/m}^2$

02 0,1s R 63cd/m<sup>2</sup>; pot3

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

$$A_1 = 0.15$$

$$A_2 = 1.08 = t$$

$$A_3 = 0.07$$

$$\Delta = 0.002$$

80

60

40

20

0

-3

-2

-1

0

1

2

$x = \log L$