

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

AD 0,1s G 6,3cd/m²; pot3

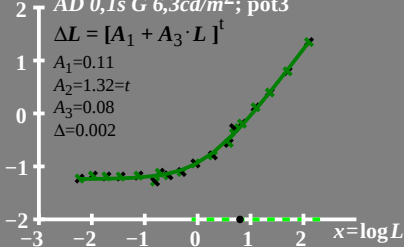
$$\Delta L = [A_1 + A_3 \cdot L]^t$$

$$A_1 = 0.11$$

$$A_2 = 1.32 = t$$

$$A_3 = 0.08$$

$$\Delta = 0.002$$



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

AD 0,1s G 6,3cd/m²; pot3

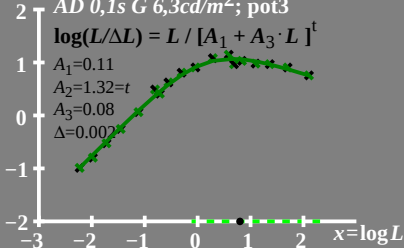
$$\log(L/\Delta L) = L / [A_1 + A_3 \cdot L]^t$$

$$A_1 = 0.11$$

$$A_2 = 1.32 = t$$

$$A_3 = 0.08$$

$$\Delta = 0.002$$



$L/\Delta L$ luminance contrast
sensitivity threshold

• $L_g = 6,3 \text{ cd/m}^2$

AD 0,1s G 6,3cd/m²; pot3

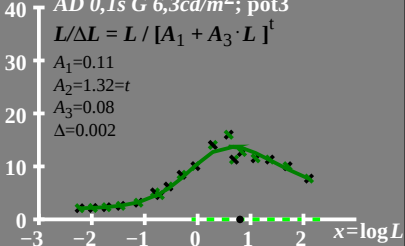
$$L/\Delta L = L / [A_1 + A_3 \cdot L]^t$$

$$A_1 = 0.11$$

$$A_2 = 1.32 = t$$

$$A_3 = 0.08$$

$$\Delta = 0.002$$



T^* luminance difference
threshold sum

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

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

$$A_1 = 0.11$$

$$A_2 = 1.32 = t$$

$$A_3 = 0.08$$

$$\Delta = 0.002$$

$$L_g = 6,3cd/m^2$$

80

60

40

20

0

-3

-2

-1

0

1

2

$x = \log L$