

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

AD 0,1s G 63cd/m²; pot3

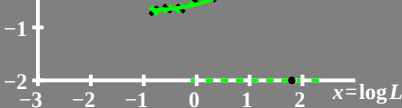
$$\Delta L = [A_1 + A_3 \cdot L]^t$$

$$A_1 = 0.19$$

$$A_2 = 0.98 = t$$

$$A_3 = 0.06$$

$$\Delta = 0.001$$



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

AD 0,1s G 63cd/m²; pot3

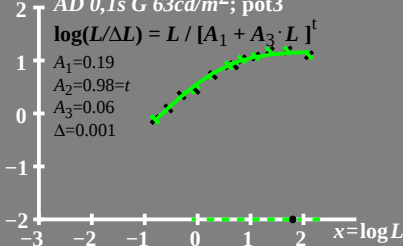
$$\log(L/\Delta L) = L / [A_1 + A_3 \cdot L]^t$$

$$A_1 = 0.19$$

$$A_2 = 0.98 = t$$

$$A_3 = 0.06$$

$$\Delta = 0.001$$



$L/\Delta L$ luminance contrast
sensitivity threshold

• $L_g = 63 \text{ cd/m}^2$

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

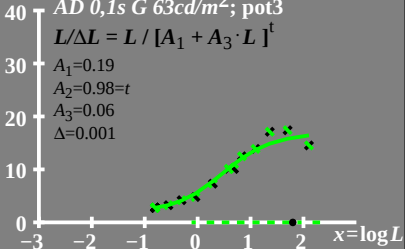
$$L/\Delta L = L / [A_1 + A_3 \cdot L]^t$$

$$A_1 = 0.19$$

$$A_2 = 0.98 = t$$

$$A_3 = 0.06$$

$$\Delta = 0.001$$



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

$x = \log L$