

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

02 0,1s B 630 cd/m^2 ; pot3

$$\Delta L = A_4 [A_1 + A_3 \cdot L]^t$$

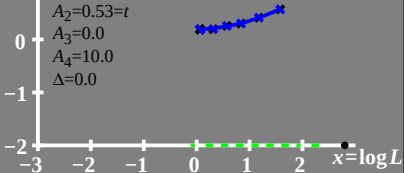
$$A_1 = 0.02$$

$$A_2 = 0.53 = t$$

$$A_3 = 0.0$$

$$A_4 = 10.0$$

$$\Delta = 0.0$$



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

02 0,1s B 630cd/m²; pot3

$$\log(L/\Delta L) = L / [A_4 \cdot (A_1 + A_3 \cdot L)^t]$$

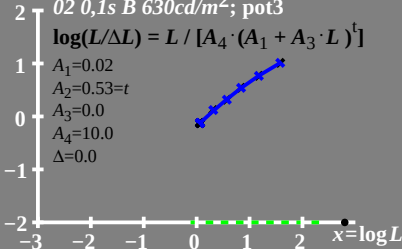
$$A_1 = 0.02$$

$$A_2 = 0.53 = t$$

$$A_3 = 0.0$$

$$A_4 = 10.0$$

$$\Delta = 0.0$$



$L/\Delta L$ luminance contrast
sensitivity threshold

• $L_g = 630 \text{ cd/m}^2$

02 0,1s B 630cd/m²; pot3

$$L/\Delta L = L / [A_4 \cdot (A_1 + A_3 \cdot L)^t]$$

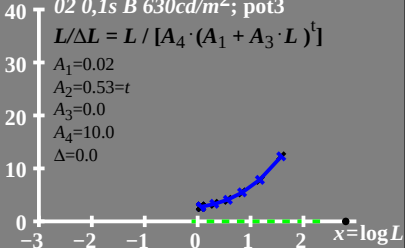
$$A_1 = 0.02$$

$$A_2 = 0.53 = t$$

$$A_3 = 0.0$$

$$A_4 = 10.0$$

$$\Delta = 0.0$$



T^* luminance difference
threshold sum

• $L_g = 630 \text{ cd/m}^2$

80 02 0,1s B 630cd/m²; pot3

$$T^* = A_4[A_1 + A \cdot L^t - 1]$$

60 $A_1 = 0.02$

$A_2 = 0.53 = t$

40 $A_3 = 0.0$

$A_4 = 10.0$

$\Delta = 0.0$

20

0

-3

-2

-1

0

1

2

$x = \log L$