

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

2 02 26&0,1s B 6,3cd/m²; pot4

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

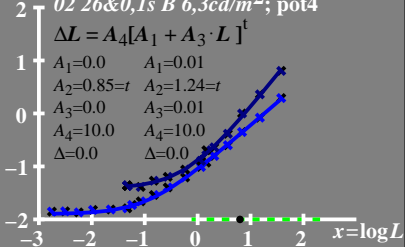
$A_1=0.0$ $A_1=0.01$

$A_2=0.85=t$ $A_2=1.24=t$

$A_3=0.0$ $A_3=0.01$

$A_4=10.0$ $A_4=10.0$

$\Delta=0.0$ $\Delta=0.0$



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

02 26&0,1s B 6,3cd/m²; pot4

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

$$A_1=0.0$$

$$A_1=0.01$$

$$A_2=0.85$$

$$A_2=1.24=t$$

$$A_3=0.0$$

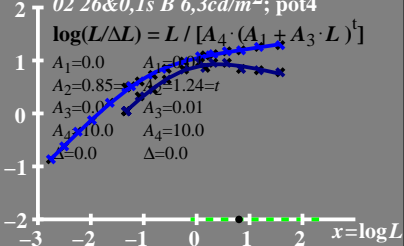
$$A_3=0.01$$

$$A_4=10.0$$

$$A_4=10.0$$

$$\Delta=0.0$$

$$\Delta=0.0$$



$L/\Delta L$ luminance contrast sensitivity threshold

• $L_g = 6,3 \text{ cd/m}^2$

02 26 & 0,1 s B 6,3 cd/m^2 ; pot4

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

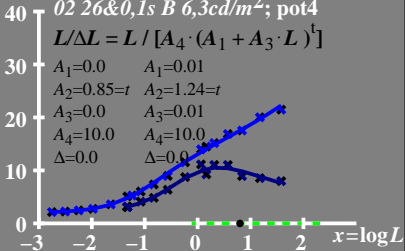
$$A_1 = 0.0 \quad A_1 = 0.01$$

$$A_2 = 0.85 = t \quad A_2 = 1.24 = t$$

$$A_3 = 0.0 \quad A_3 = 0.01$$

$$A_4 = 10.0 \quad A_4 = 10.0$$

$$\Delta = 0.0 \quad \Delta = 0.0$$



T^* luminance difference
threshold sum

• $L_g = 6,3 \text{ cd/m}^2$

80 *02 26 & 0,1 s B 6,3 cd/m²; pot4*

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

60 $A_1 = 0.0$ $A_1 = 0.01$

$A_2 = 0.85 = t$ $A_2 = 1.24 = t$

40 $A_3 = 0.0$ $A_3 = 0.01$

$A_4 = 10.0$ $A_4 = 10.0$

$\Delta = 0.0$ $\Delta = 0.0$

20

