

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

04 0,1&26s A 63 cd/m^2 ; pot3

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

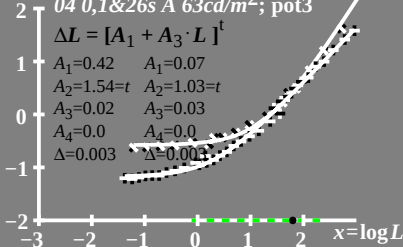
$$A_1 = 0.42 \quad A_1 = 0.07$$

$$A_2 = 1.54 = t \quad A_2 = 1.03 = t$$

$$A_3 = 0.02 \quad A_3 = 0.03$$

$$A_4 = 0.0 \quad A_4 = 0.0$$

$$\Delta = 0.003 \quad \Delta = 0.003$$



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

04 0,1&26s A 63cd/m²; pot3

$$\log(L/\Delta L) = L / [A_1 + A_2 \cdot L + A_3 \cdot L^t]$$

$$A_1 = 0.42$$

$$A_1 = 0.05$$

$$A_2 = 1.54 = t$$

$$A_2 = 1.03 = t$$

$$A_3 = 0.02$$

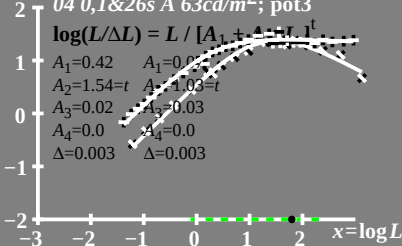
$$A_3 = 0.03$$

$$A_4 = 0.0$$

$$A_4 = 0.0$$

$$\Delta = 0.003$$

$$\Delta = 0.003$$



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

04 0,1&26s A 63 cd/m^2 ; pot3

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

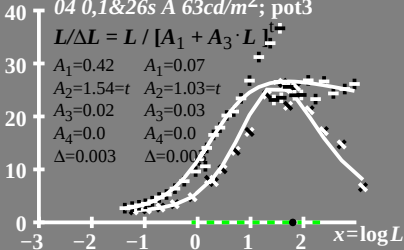
$$A_1 = 0.42 \quad A_1 = 0.07$$

$$A_2 = 1.54 = t \quad A_2 = 1.03 = t$$

$$A_3 = 0.02 \quad A_3 = 0.03$$

$$A_4 = 0.0 \quad A_4 = 0.0$$

$$\Delta = 0.003 \quad \Delta = 0.003$$



T^* luminance difference
threshold sum

• $L_g = 63 \text{cd/m}^2$

80 04 0,1&26s A 63cd/m^2 ; pot3

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

60 $A_1=0.42$ $A_1=0.07$

$A_2=1.54=t$ $A_2=1.03=t$

40 $A_3=0.02$ $A_3=0.03$

$A_4=0.0$ $A_4=0.0$

$\Delta=0.003$ $\Delta=0.003$

20

0

-3 -2 -1 0 1 2 $x = \log L$