

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

02 26s Y 6,3cd/m<sup>2</sup>; pot3

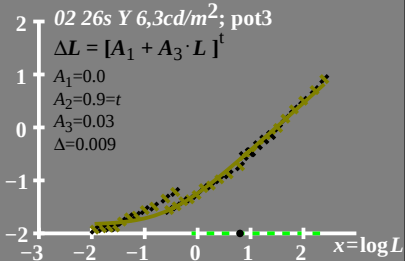
$$\Delta L = [A_1 + A_3 \cdot L]^t$$

$$A_1 = 0.0$$

$$A_2 = 0.9 = t$$

$$A_3 = 0.03$$

$$\Delta = 0.009$$



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

02 26s Y 6,3cd/m<sup>2</sup>; pot3

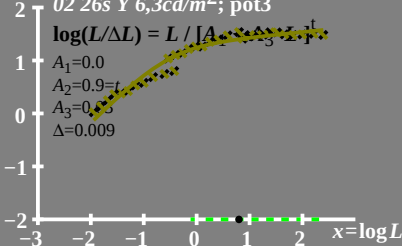
$$\log(L/\Delta L) = L / [A_1 + A_2 \cdot t + A_3 \cdot t^2]$$

$$A_1 = 0.0$$

$$A_2 = 0.9 = t$$

$$A_3 = 0.5$$

$$\Delta = 0.009$$



$L/\Delta L$  luminance contrast  
sensitivity threshold

•  $L_g = 6,3 \text{ cd/m}^2$

02 26s Y 6,3cd/m<sup>2</sup>; pot3

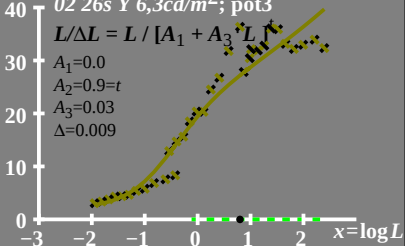
$$L/\Delta L = L / [A_1 + A_3 L^A]$$

$$A_1 = 0.0$$

$$A_2 = 0.9 = t$$

$$A_3 = 0.03$$

$$\Delta = 0.009$$



$T^*$  luminance difference  
threshold sum

•  $L_g = 6,3 \text{ cd/m}^2$

02 26s Y 6,3cd/m<sup>2</sup>; pot3

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

$$A_1 = 0.0$$

$$A_2 = 0.9 = t$$

$$A_3 = 0.03$$

$$\Delta = 0.009$$

80

60

40

20

0

-3

-2

-1

0

1

2

$x = \log L$