

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

04 0,1s A 6,3 cd/m^2 ; hyp2

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

$$A_1 = 96.74$$

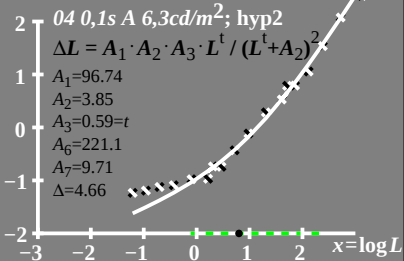
$$A_2 = 3.85$$

$$A_3 = 0.59 = t$$

$$A_6 = 221.1$$

$$A_7 = 9.71$$

$$\Delta = 4.66$$



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

04 0,1s A 6,3cd/m²; hyp2

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

$$A_1 = 96.74$$

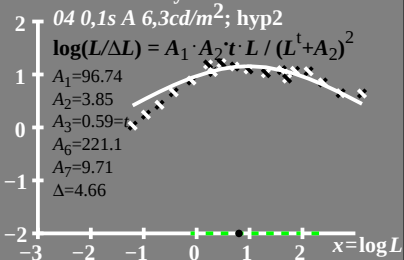
$$A_2 = 3.85$$

$$A_3 = 0.59 = t$$

$$A_6 = 221.1$$

$$A_7 = 9.71$$

$$\Delta = 4.66$$



$L/\Delta L$ luminance contrast
sensitivity threshold

• $L_g = 6,3 \text{cd/m}^2$

04 0,1s A 6,3cd/m²; hyp2

$$L/\Delta L = A_1 \cdot A_2 \cdot t \cdot L / (L^t + A_2)^2$$

$$A_1 = 96.74$$

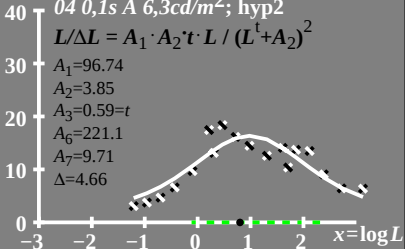
$$A_2 = 3.85$$

$$A_3 = 0.59 = t$$

$$A_6 = 221.1$$

$$A_7 = 9.71$$

$$\Delta = 4.66$$



T^* luminance difference
threshold sum

● $L_g = 6,3 \text{ cd/m}^2$

80 04 0,1s A 6,3cd/m²; hyp2

$$T^* = A_1 \cdot L^t / (L^t + A_2)$$

60 $A_1 = 96.74$

$A_2 = 3.85$

40 $A_3 = 0.59 = t$

$A_6 = 221.1$

$A_7 = 9.71$

$\Delta = 4.66$

