

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

04 26s A/B 6,3cd/m<sup>2</sup>; hyp2

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

$$A_1=347.4 \quad A_1=155.39$$

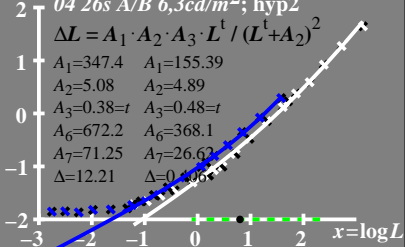
$$A_2=5.08 \quad A_2=4.89$$

$$A_3=0.38=t \quad A_3=0.48=t$$

$$A_6=672.2 \quad A_6=368.1$$

$$A_7=71.25 \quad A_7=26.62$$

$$\Delta=12.21 \quad \Delta=0.406$$



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

04 26s A/B 6,3cd/m<sup>2</sup>; hyp2

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

$$A_1=347.4 \quad A_2=55.39$$

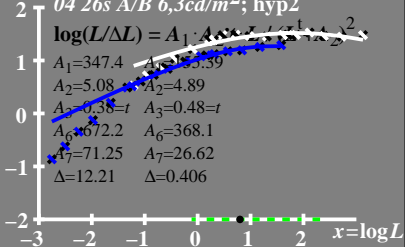
$$A_2=5.08 \quad A_2=4.89$$

$$A_3=0.38=t \quad A_3=0.48=t$$

$$A_6=672.2 \quad A_6=368.1$$

$$A_7=71.25 \quad A_7=26.62$$

$$\Delta=12.21 \quad \Delta=0.406$$



$L/\Delta L$  luminance contrast  
sensitivity threshold

●  $L_g = 6,3 \text{ cd/m}^2$

04 26s A/B 6,3  $\text{cd/m}^2$ ; hyp2

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

$$A_1 = 347.4 \quad A_1 = 155.39$$

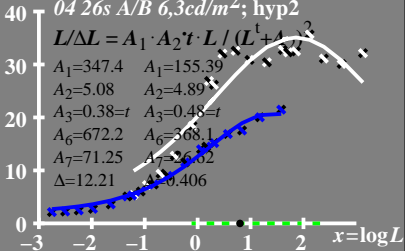
$$A_2 = 5.08 \quad A_2 = 4.89$$

$$A_3 = 0.38 = t \quad A_3 = 0.48 = t$$

$$A_6 = 672.2 \quad A_6 = 368.1$$

$$A_7 = 71.25 \quad A_7 = 26.82$$

$$\Delta = 12.21 \quad \Delta = 0.406$$



$T^*$  luminance difference  
threshold sum

•  $L_g = 6,3 \text{cd/m}^2$

80 *04 26s A/B 6,3cd/m<sup>2</sup>; hyp2*

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

$A_1 = 347.4$      $A_1 = 155.39$

$A_2 = 5.08$      $A_2 = 4.89$

$A_3 = 0.38 = t$      $A_3 = 0.48 = t$

$A_6 = 672.2$      $A_6 = 368.1$

$A_7 = 71.25$      $A_7 = 26.62$

$\Delta = 12.21$      $\Delta = 0.406$

