

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

2 *AD 0,1&26s G 63cd/m²; hyp3*

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

$$A_1 = 79.87 \quad A_1 = 228.9$$

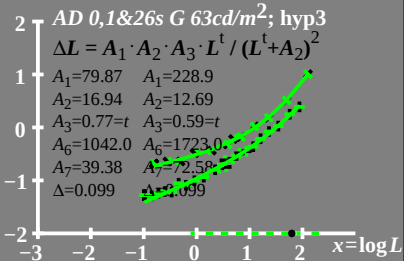
$$A_2 = 16.94 \quad A_2 = 12.69$$

$$A_3 = 0.77 = t \quad A_3 = 0.59 = t$$

$$A_6 = 1042.0 \quad A_6 = 1723.0$$

$$A_7 = 39.38 \quad A_7 = 72.58$$

$$\Delta = 0.099 \quad \Delta = 0.099$$



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

AD 0,1&26s G 63cd/m²; hyp3

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

$$A_1 = 79.87$$

$$A_2 = 16.94$$

$$A_3 = 0.77 = t$$

$$A_6 = 1042.0$$

$$A_7 = 39.38$$

$$\Delta = 0.099$$

$$A_1 = 232.9$$

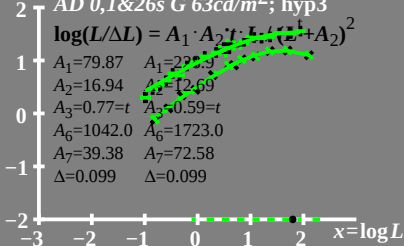
$$A_2 = 12.69$$

$$A_3 = 0.59 = t$$

$$A_6 = 1723.0$$

$$A_7 = 72.58$$

$$\Delta = 0.099$$



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

$AD\ 0,1\&26s\ G\ 63 \text{ cd/m}^2; \text{hyp3}$

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

$$A_1 = 79.87 \quad A_1 = 228.9$$

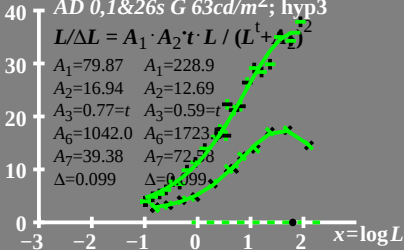
$$A_2 = 16.94 \quad A_2 = 12.69$$

$$A_3 = 0.77 = t \quad A_3 = 0.59 = t$$

$$A_6 = 1042.0 \quad A_6 = 1723.5$$

$$A_7 = 39.38 \quad A_7 = 72.58$$

$$\Delta = 0.099 \quad \Delta = 0.099$$



T^* luminance difference
threshold sum

• $L_g = 63 \text{ cd/m}^2$

80 $AD\ 0,1\&26s\ G\ 63 \text{ cd/m}^2, \text{ hyp3}$

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

$$A_1 = 79.87 \quad A_1 = 228.9$$

$$A_2 = 16.94 \quad A_2 = 12.69$$

$$A_3 = 0.77 = t \quad A_3 = 0.59 = t$$

$$A_6 = 1042.0 \quad A_6 = 1723.0$$

$$A_7 = 39.38 \quad A_7 = 72.58$$

$$\Delta = 0.099 \quad \Delta = 0.099$$

