

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

04 0,1&26s A 63 cd/m^2 ; hyp3

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

$$A_1 = 116.0 \quad A_1 = 209.4$$

$$A_2 = 22.11 \quad A_2 = 8.64$$

$$A_3 = 0.79 = t \quad A_3 = 0.51 = t$$

$$A_6 = 2045.0 \quad A_6 = 938.0$$

$$A_7 = 48.51 \quad A_7 = 64.49$$

$$\Delta = 1.324 \quad \Delta = 1.324$$



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

04 0,1&26s A 63cd/m²; hyp3

$$\log(L/\Delta L) = A_1 \cdot A_2 \cdot t \cdot I \cdot (I^t + A_3)^{-2}$$

$$A_1 = 116.0$$

$$A_1 = 205.4$$

$$A_2 = 22.11$$

$$A_2 = 8.64$$

$$A_3 = 0.79 = t$$

$$A_3 = 0.51 = t$$

$$A_6 = 2045.0$$

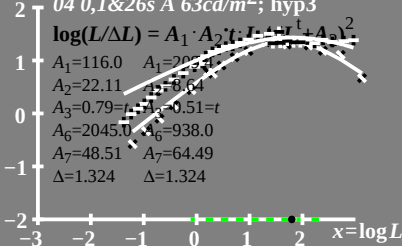
$$A_6 = 938.0$$

$$A_7 = 48.51$$

$$A_7 = 64.49$$

$$\Delta = 1.324$$

$$\Delta = 1.324$$



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

04 0,1&26s A 63 cd/m^2 ; hyp3

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

$$A_1 = 116.0 \quad A_1 = 209.4$$

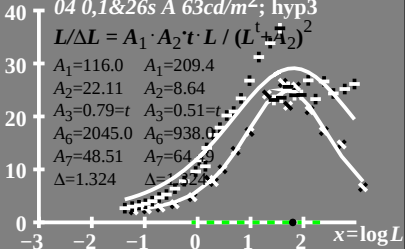
$$A_2 = 22.11 \quad A_2 = 8.64$$

$$A_3 = 0.79 = t \quad A_3 = 0.51 = t$$

$$A_6 = 2045.0 \quad A_6 = 938.0$$

$$A_7 = 48.51 \quad A_7 = 64.49$$

$$\Delta = 1.324 \quad \Delta = 1.324$$



T^* luminance difference
threshold sum

04 0,1&26s A 63cd/m²; hyp3

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

$$A_1 = 116.0 \quad A_1 = 209.4$$

$$A_2 = 22.11 \quad A_2 = 8.64$$

$$A_3 = 0.79 = t \quad A_3 = 0.51 = t$$

$$A_6 = 2045.0 \quad A_6 = 938.0$$

$$A_7 = 48.51 \quad A_7 = 64.49$$

$$\Delta = 1.324 \quad \Delta = 1.324$$

$L_g = 63 \text{cd/m}^2$

