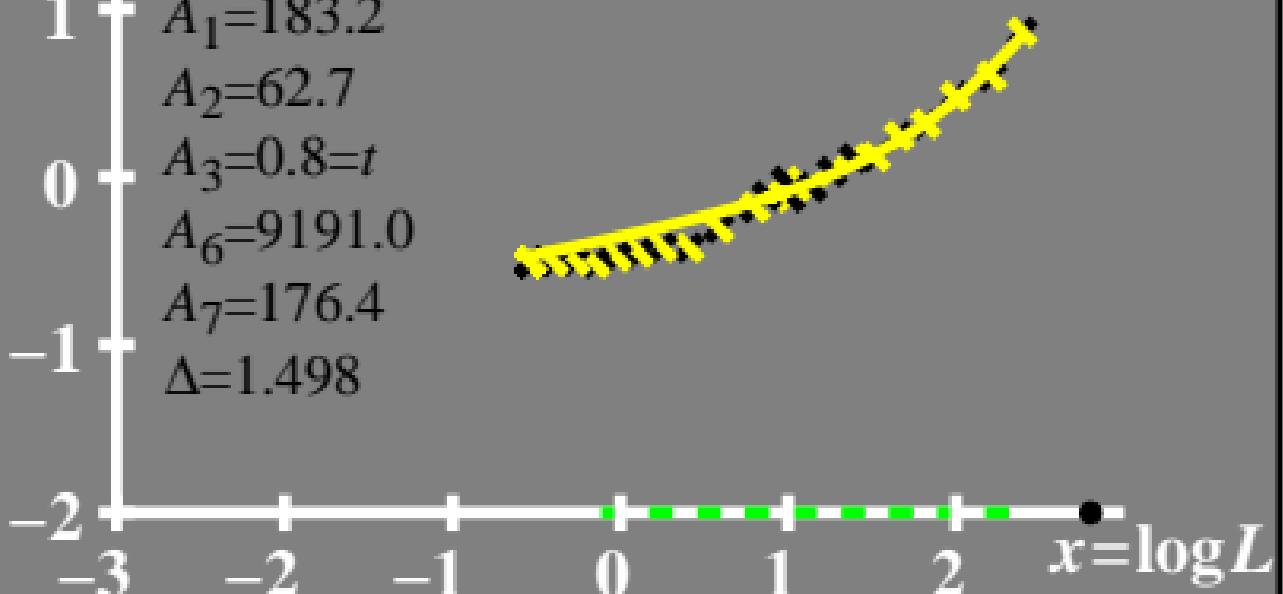


$\log \Delta L$ luminance difference threshold • $L_g = 630 \text{ cd/m}^2$

02 26s Y 630cd/m²; hyp2
 $\Delta L = A_1 \cdot A_2 \cdot A_3 \cdot L^t / (L^t + A_2)^2$

$A_1 = 183.2$
 $A_2 = 62.7$
 $A_3 = 0.8 = t$
 $A_6 = 9191.0$
 $A_7 = 176.4$
 $\Delta = 1.498$



$\log(L/\Delta L)$ luminance contrast sensitivity threshold • $L_g = 630 \text{ cd/m}^2$

2 - 02 26s Y 630cd/m²; hyp2

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

$$A_1 = 183.2$$

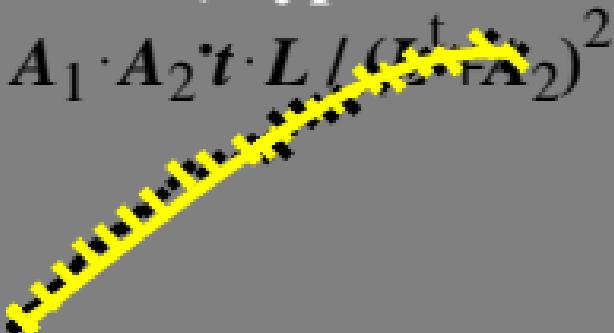
$$A_2 = 62.7$$

$$A_3 = 0.8 = t$$

$$A_6 = 9191.0$$

$$A_7 = 176.4$$

$$\Delta = 1.498$$



$L/\Delta L$ luminance contrast
sensitivity threshold

02 26s Y 630cd/m²; hyp2

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

$$A_1 = 183.2$$

$$A_2 = 62.7$$

$$A_3 = 0.8 = t$$

$$A_6 = 9191.0$$

$$A_7 = 176.4$$

$$\Delta = 1.498$$

$$\bullet L_g = 630 \text{ cd/m}^2$$

$$\star$$

40

30

20

10

0

UE230-2A_3

-3

-2

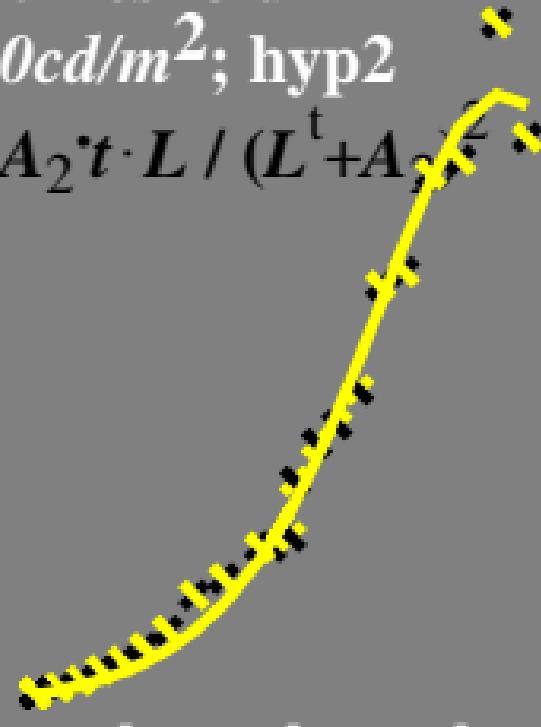
-1

0

1

2

$x = \log L$



T^* luminance difference threshold sum

• $L_g = 630 \text{ cd/m}^2$

80 T 02 26s Y 630cd/m²; hyp2

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

$$A_1 = 183.2$$

$$A_2 = 62.7$$

$$A_3 = 0.8 = t$$

$$A_6 = 9191.0$$

$$A_7 = 176.4$$

$$\Delta = 1.498$$

