

$\log [(\Delta Y/Y) / (\Delta Y_u/Y_u)]$

CIE Y sensitivity
normalized to $\Delta Y_u/Y_u$

$$S_r/S_{ru} = (\Delta Y/Y) / (\Delta Y_u/Y_u)$$

$$L^* = 116 (Y/Y_n)^{1/3} - 16 \quad (Y_n=100, 1 \leq Y \leq 100) \quad [1f]$$

$$dY/Y = (3/116) \cdot (Y/Y_n)^{2/3} \quad [2f]$$

$$dY/Y = c \cdot Y^{-1/3} \quad [3f]$$

$$dY/Y = d \cdot (Y/Y_u)^{-1/3} \quad [4f]$$

$$c = 0,120 \quad d = 1,404 \quad [5f]$$

