

$\Delta Y/Y$

CIE Y sensitivity

$$S_r = (\Delta Y/Y)$$

$$0,3 \quad L^* = 116 (Y/Y_n)^{1/3} - 16 \quad (Y_n = 100, 1 \leq Y \leq 100) \quad [1e]$$

$$dY/Y = (3/116) \cdot Y_n^{1/3} \cdot Y^{-1/3} \quad [2e]$$

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

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

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

0,182

0,106

0,1

$$\log(dY/Y) = -1,33, \quad m_u = -0,33$$

$$Y_u = 18, \quad dY_u = 0,83, \quad Y_n = 3,6, \quad dY_n = 0,048, \quad Y_w = 90$$

0,0

application
range

0,006

-1 0 1 2 3 4 log Y