

$\Delta Y/Y$ CIE Y sensitivity

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

0,03

$$L^*_{85,2} = (t/a) \ln(1 + a \cdot Y) \quad [1e]$$

$$a=0,6823 \quad t=88,23 \quad t/a=129,3 \quad [2e]$$

tristimulus value Y sensitivity

$$dY/Y = (1 + a \cdot Y) / (t \cdot Y) \quad [3e]$$

0,02

0,015

$$\log(dY/Y) = -2,07, \quad m_u = -0,07$$

$$Y_u = 18, \quad dY_u = 0,15, \quad dY_u/Y_u = 0,008$$

$$Y_N = 3,6 \quad Y_u = 18 \quad Y_W = 90$$

application
range

0,007

0,00

1

10

100

1000

10000

4 log Y