

$\Delta Y/Y$

CIE Y sensitivity

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

0,03

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

[1e]

$$a = 0,3411 \quad t = 88,23 \quad t/a = 258,6 \quad [2e]$$

[2e]

tristimulus value Y sensitivity

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

[3e]

0,02

0,01

0,00

0,015

$$\log(dY/Y) = -2,34, m_u = -0,13$$

$$Y_u = 18, dY_u = 0,08, dY_u/Y_u = 0,004$$

0,1

-1

0

10

1

Y_u = 18

100

2

log(Y)

application
range

0,003