

$\log (Y/\Delta Y)$

CIE Y-based sensitivity

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

$$L^* = (A_0/A_2) \ln (A_1 + A_2 \cdot Y)$$

$$A_0 = 1,00 \quad A_1 = 0,0170 \quad A_2 = 0,0058$$

tristimulus value Y sensitivity

$$\log(Y/dY) = \log [(A_1 + A_2 \cdot Y) / (A_0 \cdot Y)]$$

$$L^*_{85,u} = 338, Y_u = 18, dY_u = 0,12, Y_u/dY_u = 148$$

$$\log(Y/dY) = 2,17, m_u = 0,13$$

3 1000

2 100

0,1

1

10

100 Y

1

-2

-1

0

1

2

$\log(Y)$

application
range

$Y_u = 18$