

$\log(Y/\Delta Y)$

CIE tristimulus
value Y sensitivity

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

4
10000

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

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

relative tristimulus value Y sensitivity

3
1000

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

$$L^*_u=338, Y_u=18, dY_u=0,12, Y_u/dY_u=148$$

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

2
100

application
range

1

0,1

1

10

$Y_u=18$ 100 Y

-2

-1

0

1

2

$\log(Y)$