

$\log [(Y/\Delta Y) / (Y_u/\Delta Y_u)]$ CIE Y -based sensitivity
 $S_r/S_{ru}=(Y/\Delta Y)/(Y_u/\Delta Y_u)$ normalized to $Y_u/\Delta Y_u$

$$L^*_{85,3} = (t/a) \ln [1 + b (Y/Y_u)]$$

$$a=0,3411 \quad t=88,23 \quad t/a=258,6 \quad b=a \cdot Y_u=6,14$$

tristimulus value Y sensitivity

$$\log[(Y/dY)/(Y_u/dY_u)] = \log [(t \cdot Y) / (1+b \cdot (Y/Y_u))] - \log [(t \cdot Y_u) / (1+b)]$$

$$L^*_{85,3,u}=508, Y_u=18, dY_u=0,08, Y_u/dY_u=222$$

$$\log[(Y/dY)/(Y_u/dY_u)]=0, m_u=0,13$$

