

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

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

$$A_0=1.0 \quad A_1=0.017 \quad A_2=0.0058$$

relative tristimulus value Y sensitivity

$$\log[(Y/dY)/(Y_u/dY_u)] = \log [Y / (A_1 + A_2 \cdot Y)] - \log [Y_u / (A_1 + A_2 \cdot Y_u)]$$

$$L^*_u=338, Y_u=18, dY_u=0.12, Y_u/dY_u=148$$

$$\log[(Y/dY)/(Y_u/dY_u)]=0, m_u=0.13$$

