

$\log [(\Delta Y/Y) / (\Delta Y_u/Y_u)]$ CIE Y sensitivity

$S_r/S_{ru} = (\Delta Y/Y) / (\Delta Y_u/Y_u)$ normalized to $\Delta Y_u/Y_u$

$$100 L^*_{85,2} = (t/a) \ln (1 + a \cdot Y) \quad [1f]$$

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

tristimulus value Y sensitivity

$(dY/Y) / (dY_u/Y_u)$

$$= [(1 + a \cdot Y)/Y] / [(1 + a \cdot Y_u)/Y_u] \quad [3f]$$



0,885

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

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

application range

