

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

CIE Y sensitivity
normalized to $\Delta Y_u/Y_u$

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

2 **100** $L^* = 116 (Y/Y_n)^{1/3} - 16 \quad (Y_n=100, 1 \leq Y \leq 100)$ [1f]

$dY/Y = (3/116) \cdot (Y/Y_n)^{2/3}$ [2f]

$dY/Y = c \cdot Y^{-1/3}$ [3f]

$dY/Y = d \cdot (Y/Y_u)^{-1/3}$ [4f]

1 **10** **4,501** $c = 0,120$ $d = 1,404$ [5f]

0 $\log[(dY_u/Y_u)/(dY_u/Y_u)] = 0, m_u = -0,33$

$Y_u = 18, dY_u = 0,83, dY_u/Y_u = 0,045$

$Y_n = 3,6 \quad Y_u = 18 \quad Y_w = 90$

application range

