

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

LABJNDu3 relative
tistimulus value sensitivity

$Y_{nc} = L^*_{WRGBnc} = 100, 52, 87, 31$

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

2
100

$$L^*_{LABJNDu3} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$L^*_{LABJNDu3} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$(dY/Y) / (dY/Y)_u = [(A_{1n} + A_{2u}x) / x_u] / (A_{1n} + A_{2u})$$

1
10 $(dY/Y)_{90} / (dY/Y)_u = 0,84, A_{0n} = 1,5, A_{2u} = 0,0699, c_x = 0,67$

$(dY/Y)_{18} / (dY/Y)_u = 1,00, A_{1n} = 0,017, A_{2n} = 0,0038$

$(dY/Y)_{3,6} / (dY/Y)_u = 1,78, Y_u = 18, dY_u = 0,13$

0
1
- - - - - application range

$\log[(dY/Y) / (dY/Y)_u] = 0, m_u = -0,18$

$L^*_u = 496, dY_u = 0,13, dY_u/Y_u = 0,0072$

0,1

1

10

100

$x_u = 1$ Y

-2 -1 0 1 2 $\log(Y)$

$x_N = 0,2$

$x_W = 5$