

L^*/L_u^* LABJNDu4 relative Normhelligkeit L^*/L_u^* $Y_{nc} = L^*_w \text{RGB}_{nc} = 100, 52, 87, 31$ L^*/L_u^*

2 100

 $L^*_{\text{LABJNDu4}} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$ $L^*_{\text{LABJNDu4}} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$ $L^*_N(3,6) = 348, L^*_u(18) = 791, L^*_w(90) = 1231$

1 10

0 1

 $\log[L^*/L_u^*] = 0, m_u = 0,33$ $L^*_u = 49, L^*_u = 791$

Anwendungsbereich

0,1

1

10

100

Y

-1

0

1

2

 $\log(Y)$ $x_u = 1$ $x_w = 5$ $x_N = 0,2$