

$\log(L^*/L_u^*)$ LABJNDu0 relative standard lightness L^*/L_u^*
 $Y_{nc}=L^*_w \text{RGB}_{nc}=100, 52, 87, 31$

L^*/L_u^*
 2 100

$$L^*_{\text{LABJNDu0}} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$L^*_{\text{LABJNDu0}} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$L^*_N(3,6)=219, L^*_u(18)=498, L^*_w(90)=776$$

1 10

$$L^*_{90}/L^*_u = 1,55, A_{0n}=1,0, A_{2u}=0,1044, c_x=1,00$$

$$L^*_{18}/L^*_u = 1,00, A_{1n}=0,017, A_{2n}=0,0058$$

$$L^*_{3,6}/L^*_u = 0,43, L^*_u=498,34, Y_u=18$$

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

0 1

$$L^*_u=49, L^*_u=498$$

application range

