

L^*/L_u^* LABJNDu2 relative standard lightness L^*/L_u^* $Y_{nc} = L^*_w \mathbf{RGB}_{nc} = 100, \mathbf{52}, \mathbf{87}, \mathbf{31}$ L^*/L_u^*

2-100

$$L^*_{LABJNDu2} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$L^*_{LABJNDu2} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$L^*_N(3,6) = 174, L^*_u(18) = 396, L^*_w(90) = 616$$

1-10

 $\log[L^*/L_u^*] = 0, m_u = 0,33$
 $L^*_u = 49, L^*_u = 396$

 application
range
