

LABJNDu0 relative standard lightness  $L^*/L^*_u$

$$Y_{nc} = L^*_w \mathbf{RGB}_{nc} = 100, \mathbf{52, 87, 31}$$

$L^*/L^*_u$   
2-100

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

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

$$L^*_N(3,6) = 146, L^*_u(18) = 332, L^*_w(90) = 517$$

1-10  $L^*_{90}/L^*_u = 1,55, A_{0n} = 1,5, A_{2u} = 0,1044, c_x = 1,00$

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

$$L^*_{3,6}/L^*_u = 0,43, L^*_u = 332,22, Y_u = 18$$

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

$$L^*_u = 49, L^*_u = 332$$

application range

