

l^*/l_u^* LABJNDu4 relative standard lightness l^*/l_u^* $Y_{nc}=Y_{wRGBnc}=100, 21, 72, 7$ l^*/l_u^*

2 100

 $l_{LABJNDu4}^* = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$ $l_{LABJNDu4}^* = \ln(A_{1n} + A_{2n}x) / (A_{2n}A_{0n}) \quad (x = Y/Y_u)$ $l_N^*(3,6)=348, l_u^*(18)=791, l_w^*(90)=1231$

1 10

 $l_{90}^*/l_u^* = 1,55, A_{0n} = 1,5, A_{2u} = 0,0438, c_x = 0,42$ $l_{18}^*/l_u^* = 1,00, A_{1n} = 0,007, A_{2n} = 0,0024$ $l_{3,6}^*/l_u^* = 0,43, l_u^* = 791,01, Y_u = 18$ 0 1 $\log[l^*/l_u^*] = 0, m_u = 0,33$ $L_u^* = 49, l_u^* = 791$ application
range