

l^*/l_u^* LABJNDu3 relative standard lightness l^*/l_u^* $Y_{nc}=Y_{wRGBnc}=100, 21, 72, 7$ l^*/l_u^*

2 100

 $l_{LABJNDu3}^* = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$ $l_{LABJNDu3}^* = \ln(A_{1n} + A_{2n}x) / (A_{2n}A_{0n}) \quad (x = Y/Y_u)$ $l_N^*(3,6) = 491, l_u^*(18) = 1116, l_w^*(90) = 1737$

1 10

 $l_{90}^*/l_u^* = 1,55, A_{0n} = 0,6666, A_{2u} = 0,0699, c_x = 0,67$ $l_{18}^*/l_u^* = 1,00, A_{1n} = 0,011, A_{2n} = 0,0038$ $l_{3,6}^*/l_u^* = 0,43, l_u^* = 1115,68, Y_u = 18$

0 1

 $\log[l^*/l_u^*] = 0, m_u = 0,33$ $L_u^* = 49, l_u^* = 1116$ application
range

0,1

1

10

100

Y

-1

0

1

2

 $\log(Y)$