

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

2 100

 $l_{LABJNDu4}^* = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$ $l_{LABJNDu4}^* = \ln(A_{1n} + A_{2n}x) / (A_{2n}A_{0n}) \quad (x = Y/Y_u)$ $l_N^*(3,6)=146, l_u^*(18)=332, l_w^*(90)=517$

1 10

 $l_{90}^*/l_u^*=1,55, A_{0n}=1,5, A_{2u}=0,1044, c_x=0,42$ $l_{18}^*/l_u^*=1,00, A_{1n}=0,007, A_{2n}=0,0058$ $l_{3,6}^*/l_u^*=0,43, l_u^*=332,22, Y_u=18$ 0 1 $\log[l^*/l_u^*]=0, m_u=0,33$ $L_u^*=49, l_u^*=332$ application
range

0,1

1

10

100

Y

-1

0

1

2

 $\log(Y)$