

$\log(l^*/l_u^*)$

LABJND_{u0} relative standard lightness l^*/l_u^*

$Y_{nc} = Y_{WRGBnc} = 100, 21, 72, 7$

l^*/l_u^*

2
100

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

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

$$l_N^*(3,6) = 146, l_u^*(18) = 332, l_W^*(90) = 517$$

1
10

$$\log[l^*/l_u^*] = 0, m_u = 0,33$$

$$L_u^* = 49, l_u^* = 332$$

application
range

