

l^*/l_u^* LABJNDu1 relative standard lightness l^*/l_u^* $Y_{nc}=Y_{wRGBnc}=100, 21, 72, 7$ l^*/l_u^*

3

 $l_{LABJNDu1}^* = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$ $l_{LABJNDu1}^* = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$ $l_N^*(3,6)=146, l_u^*(18)=332, l_w^*(90)=517$

2

 $l^*/l_u^* = 1, m_u = 0,79$ $L_u^* = 49, l_u^* = 332$ application
range

0,1

1

10

100

Y

-1

0

1

2

 $\log(Y)$

CEF10-2A

 $x_N = 0,2$ $x_W = 5$ $x_u = 1$