

$\log(T^*)$

LABJNDu5 triangle lightness T^*

$Y_{nc} = L^*_{wRGBnc} = 100, 52, 87, 31$

T^*

4 10000

$T^*_{LABJNDu5} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$

$T^*_{LABJNDu5} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$

$T^*_N(3,6) = 219, T^*_u(18) = 498, T^*_W(90) = 776$

3 1000

$\log[T^*/T^*_u] = 0, m_u = 0,33$

$L^*_u = 49, T^*_u = 498$

2 100

$T^*_{90} = 775,82, A_{1n} = 1, A_{2u} = 0,1044, c_x = 1,00$

$T^*_{18} = 498,34, A_{1n} = 0,17, A_{2n} = 0,0058$

$T^*_{3,6} = 219,17, T^*_u = 498,34, Y_u = 18$

application
range

1

0,1

1

10

$x_u = 1$

100 Y

-2

-1

0

1

$x_N = 0,2$

$x_W = 5$

2 $\log(Y)$