

$\log(T^*)$

LABJNDu5 triangle lightness T^*

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

T^*

4 10000

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

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

$T^*_N(3,6) = 146, T^*_u(18) = 332, T^*_W(90) = 517$

3 1000

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

$L^*_u = 49, T^*_u = 332$

2 100

$T^*_{90} = 517,21, A_{1n} = 2,5, A_{2u} = 0,1044, c_x = 1,00$

$T^*_{18} = 332,22, A_{1n} = 0,17, A_{2n} = 0,0058$

$T^*_{3,6} = 146,11, T^*_u = 332,22, Y_u = 18$

application
range

1

0,1

-1

10

1

100

2

$x_u = 1$

$x_W = 5$

Y

$\log(Y)$