

$\log(T^*)$

IECsRGBu5 triangle lightness T^*

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

T^*

4 10000

$$T^*_{IECsRGBu5} = 50(Y/Y_u)^{1/2,4} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$T^*_{N(3,6)} = 26, T^*_u(18) = 50, T^*_{W(90)} = 98$$

3 1000

$$T^*_{90} = 97,77, \gamma = 2,4, 1/\gamma = 1/2,4 = 0,41$$

$$T^*_{18} = 50,00, S_u = 50,00, D_u = -0,00$$

$$T^*_{3,6} = 25,51, T^*_u = 50,00, Y_u = 18$$

2 100

$$\log[T^*/T^*_u] = 0, m_u = 0,41$$

$$L^*_u = 49, T^*_u = 50$$

application
range

1

0,1

10

1

100

2

Y

-2

-1

0

$Y_N = 3,6$

1

$Y_W = 90$

2

$\log(Y)$