

$\log(I^*)$

LABJNDu0-Normhelligkeit I^*

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

I^*

4 10000

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

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

$$I^*_N(3,6) = 329, I^*_u(18) = 748, I^*_W(90) = 1164$$

$$10 \log[I^*/I^*_u] = 0, m_u = 0,33$$

$$L^*_u = 49, I^*_u = 748$$

2 100

$$I^*_{90} = 1163,74, A_{0n} = 0,00666, A_{2u} = 0,1044, c_x = 1,00$$

$$I^*_{18} = 747,51, A_{1n} = 0,00017, A_{2n} = 0,0058$$

$$I^*_{3,6} = 328,76, I^*_u = 747,51, Y_u = 18$$

Anwendungsbereich

1

0,1

1

10

$x_u = 1$

100

Y

-2

-1

0

1

$x_N = 0,2$

2

$x_W = 5$

$\log(Y)$