

l^*

IECsRGBu3-Normhelligkeit l^*

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

l^*

4 10000

$$l^*_{IECsRGBu3} = 50 (Y/Y_u)^{1/1,6} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$l^*_{N(3,6)} = 18, l^*_u(18) = 50, l^*_{W(90)} = 137$$

3 1000

$$l^*_{90} = 136,71, \gamma = 1,6, 1/\gamma = 1/1,6 = 0,62$$

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

$$l^*_{3,6} = 18,24, l^*_u = 50,00, Y_u = 18$$

2 100

$$\log[l^*/l^*_u] = 0, m_u = 0,62$$

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

Anwendungsbereich

1

0,1

1

10

100

$Y_u = 18$

1000

Y

$Y_N = 3,6$

1

100

$Y_W = 90$

2

$\log(Y)$