

log(L*) LABJND2 lightness

log(L*) L*

4 10000

$$L^*_{\text{LABJND2}} = (t/a) \ln [1 + b (Y/Y_u)]$$

$$a=0.3411 \quad t=88.23 \quad t/a=258.6 \quad b=a \cdot Y_u=6.14$$

$$L^*_u=508, \quad Y_u=18$$

$$\log(L^*_u)=2.7, \quad m_u=0.43$$

3 1000

2 100

1

-2

0,1

-1

1

0

$Y_N=4$

10

1

$Y_u=18$

100

2

Y

log(Y)

application range