

$\Delta Y/\Delta Y_u$ 

HAULAB tristimulus value difference

 $\Delta Y/\Delta Y_u$  $\Delta Y$  normalized to  $\Delta Y_u$ 

6

$$L^* = s(Y/Y_n)^n - d \quad (Y_n=100, Y_u=22, s=134,6, n=0,31, d=34,6) \quad [1a]$$

$$L^* = r(Y/Y_u)^n - d \quad (r = s(Y_u/Y_n)^n = 79,10, L^*_u = r - d = 44,4) \quad [1b]$$

$Y_{curve}, ij=0, Y_{uij}=22, L^*_{uij}=50$

$k=99, Y_{kij}=100, L^*_{kij}=99,9, \Delta Y/\Delta Y_u=2,81$

$k=22, Y_{kij}=23, L^*_{kij}=50,7, \Delta Y/\Delta Y_u=1,01$

$k=1, Y_{kij}=2, L^*_{kij}=5,4, \Delta Y/\Delta Y_u=0,18$

$k=0, Y_{kij}=1, L^*_{kij}=-2,3, \Delta Y/\Delta Y_u=0,11$

2,811

$\phi=120'$

$L_{aw} = 300 \text{ cd/m}^2$

application range

1,019

0,1

0,117

10

100

hen60-5a