

$\Delta Y/\Delta Y_u$

HAULAB tristimulus value difference

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

6

$$L^* = s(Y/Y_n)^n - d \quad (Y_n=100, Y_u=37, s=134,6, n=0,31, d=49,5) \quad [1a]$$

$$L^* = r(Y/Y_u)^n - d \quad (r = s(Y_u/Y_n)^n = 79,10, L^*_u = r - d = 29,5) \quad [1b]$$

4

$Y_{curve}, ij=1, Y_{uij}=37, L^*_{uij}=50$

$k=99, Y_{kij}=200, L^*_{kij}=117,3, \Delta Y/\Delta Y_u=1,95$

$k=37, Y_{kij}=138, L^*_{kij}=99,2, \Delta Y/\Delta Y_u=1,00$

$k=1, Y_{kij}=102, L^*_{kij}=85,9, \Delta Y/\Delta Y_u=0,13$

$k=0, Y_{kij}=101, L^*_{kij}=85,5, \Delta Y/\Delta Y_u=0,08$

2

$\phi=120^\circ$
 $L_{aw} = 1000 \text{ cd/m}^2$

$m_{u90} = 0,022, f_{90}=2, f_4=0$

$m_u = 1,583$

0

0,1

1

1

2

$Y_u=18$
 $Y_u=37$

1,958
 1,022
 application range

log Y