

$\Delta Y / \Delta Y_u$

LABJND tristimulus value difference

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

6

$$L^*/L^*_u = (t/a) \{ \ln(1 + a \cdot Y) - \ln(1 + a \cdot Y_u) \} \quad [1a]$$

$$L^*/L^*_u = (t/a) \{ \ln[1 + b \cdot (Y/Y_u)] - \ln(1 + b) \} \quad [1b]$$

normalized tristimulus value Y difference **4,917**

$$dY/dY_u = (1 + a \cdot Y) / (1 + a \cdot Y_u) \quad [3d]$$

4

2

0

$$m_{u90_4} = 0,003, f_{90}=0, f_4=0$$

$$m_u = 0,003$$

application
range

0,1 0,187

1

10

 $Y_u = 18\ 100$ Y log Y