

$\Delta Y / \Delta Y_u$

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LABJND tristimulus value difference  
 $\Delta Y$  normalized to  $\Delta Y_u$

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

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

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

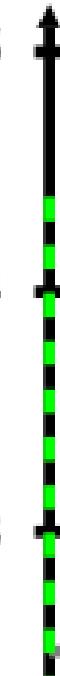
$$dY/dY_u = (1 + a \cdot Y) / (1 + a \cdot Y_u) \quad [3d]$$

4

2

0

het01-2a



$$m_{u90\_4} = 0,003, f_{90}=0, f_4=0$$

$$m_u = 0,003$$

$$0,1 \quad 0,187$$

$$1$$

$$10$$

$$Y_u=18$$

$$100$$

$$Y$$

application range