log[$\Delta Y / \Delta Y_u$] ΔY_{TUBJND} **tristimulus-value difference normalized to $\Delta Y_{u,TUBJND}$**

$100L^*_{TUBJND} = (t/a) \ln [1 + b \cdot (Y/Y_u)]$ [4d]

a=0,3411 t=88,23 t/a=258,6 b=6,141 Y_u=18 [2d]

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

$dY/dY_u = (1 + b \cdot Y/Y_u) / (1 + b)$ [4d]

W threshold

application range

N threshold

Y_u=18, dY_u=0,08, dY_u/Y_u=0,004

log[(dY)/(dY_u)]=0, m_u=0,86

0,1 1 10 Y_u=18 100 1000 Y

-2 -1 0 1 2 3 log Y

ecj60-2a