log [(Y/ΔY) / (Y/ΔY)_u]

IECsRGBu1 relative tistimulus value contrast

$C_r/C_{ru} = (Y/ΔY)/(Y/ΔY)_u$ $y_{nc} = y_{WR} y_{Bu} y_{nc} = 100, 21, 12, 7$

$l^*_{IECsRGBu1} = 50 (Y/Y_u)^{1/2,4}$ $(Y_u = 18, Y_{nc}/100 < Y <= Y_{nc})$

$log[(Y/dY)/(Y/dY)_u] = (1/2,4) log Y/Y_u$

$(Y/dY)_{90}/(Y/dY)_u = 1,95, γ = 2,4, 1/γ = 1/2,4 = 0,41$
$(Y/dY)_{18}/(Y/dY)_u = 1,00, S_0 = 50,00, D_0 = -0,00$
$(Y/dY)_{3,6}/(Y/dY)_u = 0,51, Y_u = 18, dY_u = 4,80$

$log[(Y/dY)/(Y/dY)_u] = 0, m_u = 0,41$

$l^* = 50, dY_u = 4,80, Y_u/dY_u =$

application range

$Y_N = 3,6$ $Y_W = 90$

BEV10−8A