IECsRGBu3 tristimulus value sensitivity
$Y_{nc} = Y_{W,R,G,B,nc} = 100, 21, 72, 7$

$\log (\Delta Y/Y)$

$S_r = (\Delta Y/Y)$

$2^1 \cdot 100$

$l^*_{\text{IECsRGBu3}} = 50 (Y/Y_u)^{1/1,6}$ ($Y_u = 18$, $Y_{nc}/100 < Y <= Y_{nc}$)

$\log(dY/Y) = \log[1,6(Y_u/50)] - (1/1,6) \log(Y/Y_u)$

$= (1/1,6) \log[1,6(Y_u/50)] - (1/1,6) \log(Y)$

$1 \cdot 10$

$\log(dY/Y) = -0,75$, $m_u = -0,62$

application range

$0,1 \cdot 1$ $l^*_u = 50$, $dY_u = 3,20$, $dY_u/Y_u = 0,1777$

(dY/Y)_{90} = 0,0650, γ = 1,6, 1/γ = 1/1,6 = 0,62

(dY/Y)_{18} = 0,1777, $S_{rn} = 50,00$, $D_n = -0,00$

(dY/Y)_{3,6} = 0,4850, $Y_u = 18$, $dY_u = 3,20$

$0 \cdot 0,1$ $0,1$ 1 10 $Y_u=18$ 100 Y

-1 $Y_N=3,6$ $Y_W=90$

-2 -1 0 1 2 $\log(Y)$

BEV30−5A