

$\log[L^*_{r,TUBJND}]$ relative lightness normalized to the background lightness $L^*_{u,TUBJND}$

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

$$L^*/L^*_u = \ln(1 + a \cdot Y) / \ln(1 + a \cdot Y_u) \quad [2b]$$

$$L^*/L^*_u = \ln[1 + b \cdot (Y/Y_u)] / \ln(1 + b) \quad [3b]$$

$$a=0,3411 \quad t=88,23 \quad t/a=258,6 \quad b=6,141 \quad Y_u=18 \quad [4b]$$

