

$L^*_{r,TUBJND}$

relative lightness normalized to the background lightness $L^*_{u,TUBJND}$

3 $L^*_{TUBJND} = (t/a) \ln(1 + a \cdot Y)$ [1b]

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

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

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

