

$L^*_{TUBJND,r}$

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

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

$L^*_{TUBJND} = (t/a) \ln (1 + b \cdot Y/Y_u)$ $Y_u=18$ [2d]

$a=0,3411$ $t=88,23$ $t/a=258,6$ $b=6,141$ [3d]

$L^*_r = L^*/L^*_u = \ln (1 + a \cdot Y) - \ln (1 + a \cdot Y_u)$ [4b]

2 $L^*_r = L^*/L^*_u = \ln [1 + b \cdot (Y/Y_u)] - \ln (1 + b)$ [5b]

