

# $L^*/L_u^*$ CIELAB & TUBJND

relative lightness  $L^*/L_u^*$   
normalized to the  
background lightness  $L_u^*$

$L^*_{TUBJND} = d \ln [ 1 + b \cdot (Y/Y_u) ]$   $d=25,6$   $b=6,141$  [2a]  
 $L^*_{CIELAB} = 116 (Y/Y_u)^{1/3} - 16$  ( $Y_u=100, 0,89 \leq Y$ ) [2b]  
 regularity index:  $g^*_5=30, g^*_9=23,$  [ISO 15775]

