

$F_{ab}(x_r)$ = achromatische Rezeptorerregung, TUB-Modell

antagonistisches Modell

$a=1,00$, $b=1,00$ $e=2,7182$

$a'=a \ln(10)=2,302$, $\beta=1,0$

$$F_{ab}(x_r) = -b \beta \frac{10^{x_r/a'} - 10^{-x_r/a'}}{10^{x_r/a'} + 10^{-x_r/a'}}$$

$$F'_{ab}(x_r) = -4 b \alpha / [a \{10^{x_r/a'} + 10^{-x_r/a'}\}^2]$$

$$a=1,00; b=1,00 \quad F'_{ab}(x_r)$$

$$\alpha=0,55$$

Bereich Büro-
Leuchtdichte

