

$F_{ab}(x_r)$ =ähnlich tanh & modifiziert

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

$$a=1,00, b=1,00 e=2,718282$$

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

$$F'_{ab}(x_r) = \frac{b}{2} \frac{a^2 + x^2}{a^2 + x^2}$$

$$a=1,00^{1,0}; b=1,00$$

W

$$a=1,00^{1,0}=1,000$$

$$a'=2,302, b=0,50$$

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

$$\begin{aligned}m_{1,01} &= 0,98 \\m_{1,00} &= 0,49\end{aligned}$$

$L_u$  Bereich Büro-  
Leuchtdichte

$$L_u = 28 \text{ cd/m}^2$$

$$x_r = \log[L/L_u]$$