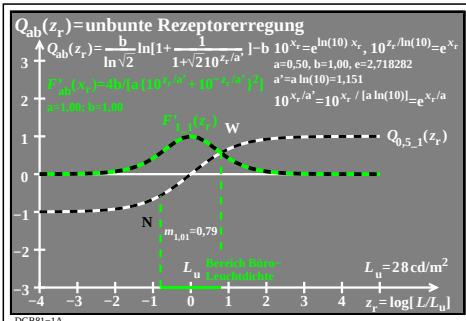
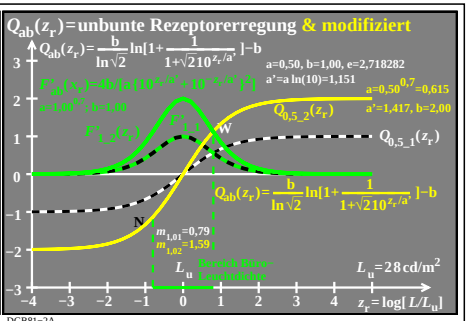
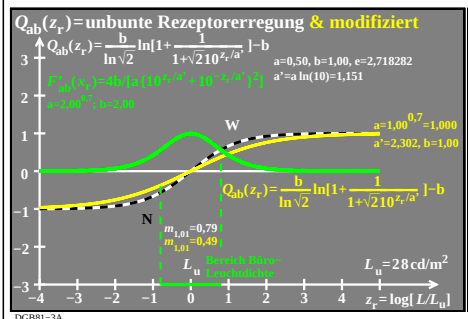
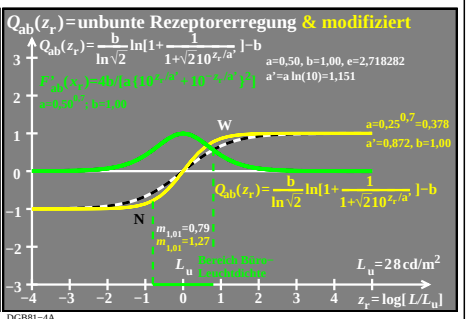
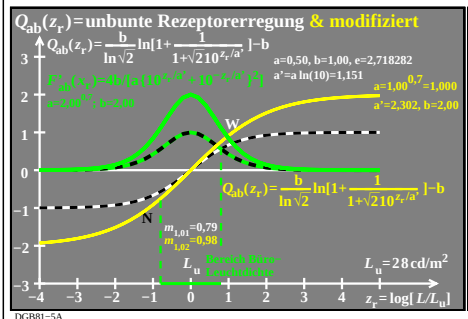
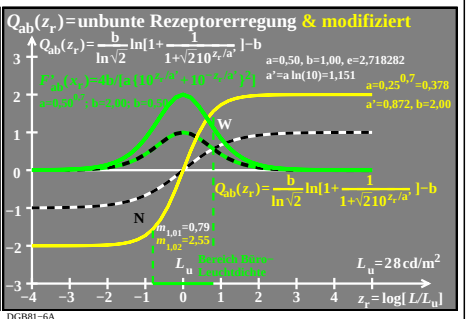

$Q_{ab}(z_r)$=unbunte Rezeptorerregung
$Q_{ab}(z_r)=\frac{b}{\ln\sqrt{2}}\ln[1+\frac{1}{1+\sqrt{210}^{z_r/a'}}]-b$ $10^{x_r}=e^{\ln(10)\,x_r}$, $10^{z_r/\ln(10)}=e^{x_r}$
a=0,50, b=1,00, e=2,718282
a'=a ln(10)=1,151
$10^{x_r/a'}=10^{x_r\,/\,[a\ln(10)]}=e^{x_r/a}$
$F'_{ab}(x_r)=4b/(a\,[10^{x_r/a}+10^{-x_r/a}]^2)$
a=1,00, b=1,00
$F'_{0,5_1}(z_r)$
W
$Q_{0,5_1}(z_r)$
N
$m_{1,01}$=0,79
L_u Bereich Zäpfer Leuchtdichte
L_u=28 cd/m²
z_r= log[L/L_u]
DGB81−1A

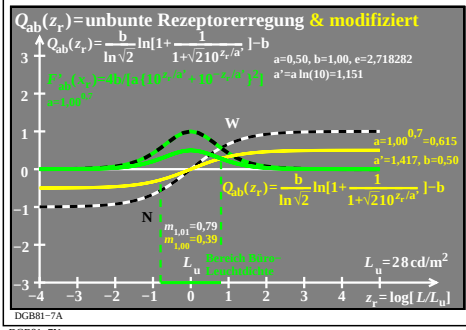

$Q_{ab}(z_r)$=unbunte Rezeptorerregung & modifiziert
$Q_{ab}(z_r)=\frac{b}{\ln\sqrt{2}}\ln[1+\frac{1}{1+\sqrt{210}^{z_r/a'}}]-b$
a=0,50, b=1,00, e=2,718282
a'=a ln(10)=1,151
$F'_{ab}(x_r)=4b/(a\,[10^{x_r/a}+10^{-x_r/a}]^2)$
a=1,00^{0,7}, b=1,00
$F'_{0,5_2}(z_r)$
$Q_{0,5_2}(z_r)$
a=0,50^{0,7}=0,615
a'=1,417, b=2,00
W
$Q_{0,5_1}(z_r)$
N
$m_{1,01}$=0,79
$m_{1,02}$=1,59
L_u Bereich Zäpfer Leuchtdichte
L_u=28 cd/m²
z_r= log[L/L_u]
DGB81−2A

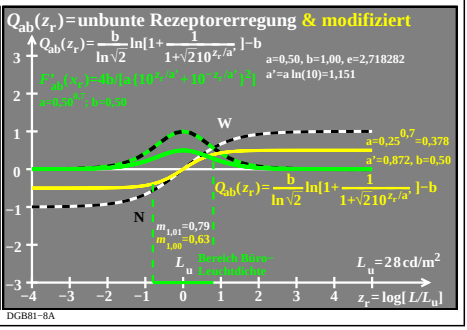

$Q_{ab}(z_r)$=unbunte Rezeptorerregung & modifiziert
$Q_{ab}(z_r)=\frac{b}{\ln\sqrt{2}}\ln[1+\frac{1}{1+\sqrt{210}^{z_r/a'}}]-b$
a=0,50, b=1,00, e=2,718282
a'=a ln(10)=1,151
$F'_{ab}(x_r)=4b/(a\,[10^{x_r/a}+10^{-x_r/a}]^2)$
a=2,00^{0,7}, b=2,00
a=1,00^{0,7}=1,000
a'=2,302, b=1,00
W
N
$m_{1,01}$=0,79
$m_{1,01}$=0,49
L_u Bereich Zäpfer Leuchtdichte
L_u=28 cd/m²
z_r= log[L/L_u]
DGB81−3A


$Q_{ab}(z_r)$=unbunte Rezeptorerregung & modifiziert
$Q_{ab}(z_r)=\frac{b}{\ln\sqrt{2}}\ln[1+\frac{1}{1+\sqrt{210}^{z_r/a'}}]-b$
a=0,50, b=1,00, e=2,718282
a'=a ln(10)=1,151
$F'_{ab}(x_r)=4b/(a\,[10^{x_r/a}+10^{-x_r/a}]^2)$
a=0,50^{0,7}, b=0,80
a=0,25^{0,7}=0,378
a'=0,872, b=1,00
W
N
$m_{1,01}$=0,79
$m_{1,01}$=1,27
L_u Bereich Blüte Leuchtdichte
L_u=28 cd/m²
z_r= log[L/L_u]
DGB81−4A


$Q_{ab}(z_r)$=unbunte Rezeptorerregung & modifiziert
$Q_{ab}(z_r)=\frac{b}{\ln\sqrt{2}}\ln[1+\frac{1}{1+\sqrt{210}^{z_r/a'}}]-b$
a=0,50, b=1,00, e=2,718282
a'=a ln(10)=1,151
$F'_{ab}(x_r)=4b/(a\,[10^{x_r/a}+10^{-x_r/a}]^2)$
a=2,00^{0,7}, b=2,00
a=1,00^{0,7}=1,000
a'=2,302, b=2,00
W
N
$m_{1,01}$=0,79
$m_{1,02}$=0,98
L_u Bereich Zäpfer Leuchtdichte
L_u=28 cd/m²
z_r= log[L/L_u]
DGB81−5A


$Q_{ab}(z_r)$=unbunte Rezeptorerregung & modifiziert
$Q_{ab}(z_r)=\frac{b}{\ln\sqrt{2}}\ln[1+\frac{1}{1+\sqrt{210}^{z_r/a'}}]-b$
a=0,50, b=1,00, e=2,718282
a'=a ln(10)=1,151
$F'_{ab}(x_r)=4b/(a\,[10^{x_r/a}+10^{-x_r/a}]^2)$
a=0,50^{0,7}, b=0,80
a=0,25^{0,7}=0,378
a'=0,872, b=2,00
W
N
$m_{1,01}$=0,79
$m_{1,02}$=2,55
L_u Bereich Blüte Leuchtdichte
L_u=28 cd/m²
z_r= log[L/L_u]
DGB81−6A


$Q_{ab}(z_r)$=unbunte Rezeptorerregung & modifiziert
$Q_{ab}(z_r)=\frac{b}{\ln\sqrt{2}}\ln[1+\frac{1}{1+\sqrt{210}^{z_r/a'}}]-b$
a=0,50, b=1,00, e=2,718282
a'=a ln(10)=1,151
$F'_{ab}(x_r)=4b/(a\,[10^{x_r/a}+10^{-x_r/a}]^2)$
a=1,00^{0,7}
a=1,00^{0,7}=0,615
a'=1,417, b=0,50
W
N
$m_{1,01}$=0,79
$m_{1,00}$=0,39
L_u Bereich Zäpfer Leuchtdichte
L_u=28 cd/m²
z_r= log[L/L_u]
DGB81−7A


$Q_{ab}(z_r)$=unbunte Rezeptorerregung & modifiziert
$Q_{ab}(z_r)=\frac{b}{\ln\sqrt{2}}\ln[1+\frac{1}{1+\sqrt{210}^{z_r/a'}}]-b$
a=0,50, b=1,00, e=2,718282
a'=a ln(10)=1,151
$F'_{ab}(x_r)=4b/(a\,[10^{x_r/a}+10^{-x_r/a}]^2)$
a=0,50^{0,7}, b=0,80
a=0,25^{0,7}=0,378
a'=0,872, b=0,50
W
N
$m_{1,01}$=0,79
$m_{1,00}$=0,63
L_u Bereich Blüte Leuchtdichte
L_u=28 cd/m²
z_r= log[L/L_u]
DGB81−8A

DGB81−7N