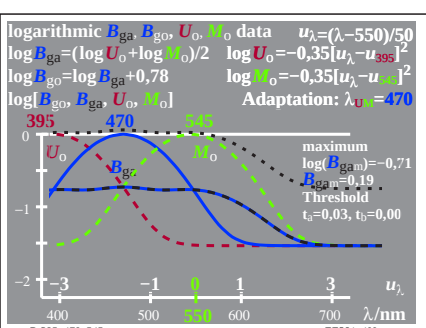
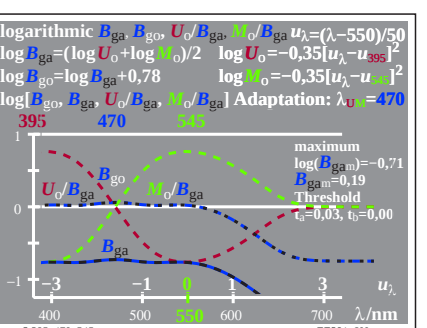
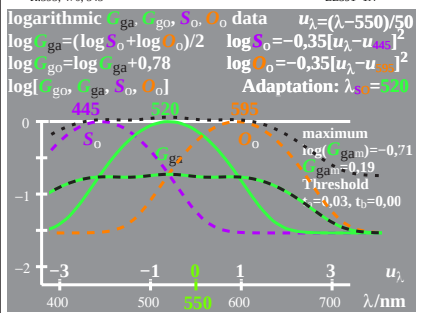
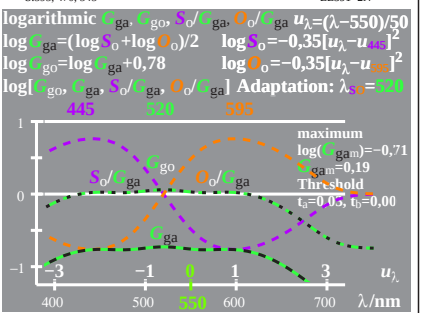
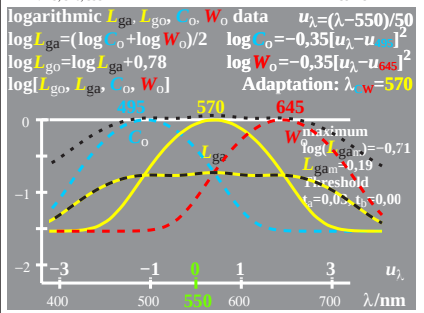
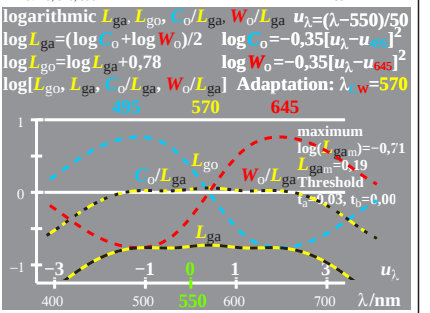

logarithmic B_{ga}, B_{go}, U_o, M_o data
$u_\lambda=(\lambda-550)/50$
$\log B_{ga}=(\log U_o+\log M_o)/2$
$\log U_o=-0{,}35[u_\lambda-u_{395}]^2$
$\log B_{go}=\log B_{ga}+0{,}78$
$\log M_o=-0{,}35[u_\lambda-u_{545}]^2$
$[B_{go}, B_{ga}, U_o, M_o]$
Adaptation: $\lambda_{UM}=470$
395
470
545
U_o
M_o
B_{ga}
maximum
$\log(B_{gam})=-0{,}71$
$B_{gam}=0{,}19$
Threshold
$t_a=0{,}03$, $t_b=0{,}00$
u_λ
λ/nm
R:395, 470, 545
EE391−1N

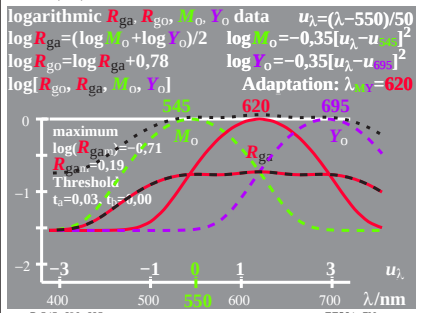

logarithmic B_{ga}, B_{go}, U_o/B_{ga}, M_o/B_{ga} $u_\lambda=(\lambda-550)/50$
$\log B_{ga}=(\log U_o+\log M_o)/2$
$\log U_o=-0{,}35[u_\lambda-u_{395}]^2$
$\log B_{go}=\log B_{ga}+0{,}78$
$\log M_o=-0{,}35[u_\lambda-u_{545}]^2$
$[B_{go}, B_{ga}, U_o/B_{ga}, M_o/B_{ga}]$
Adaptation: $\lambda_{UM}=470$
395
470
545
B_{go}
U_o/B_{ga}
M_o/B_{ga}
B_{ga}
maximum
$\log(B_{gam})=-0{,}71$
$B_{gam}=0{,}19$
Threshold
$t_a=0{,}03$, $t_b=0{,}00$
u_λ
λ/nm
S:395, 470, 545
EE391−2N

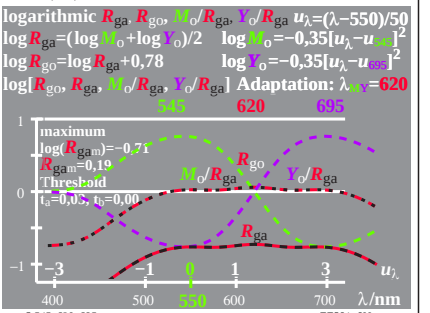

logarithmic G_{ga}, G_{go}, S_o, O_o data
$u_\lambda=(\lambda-550)/50$
$\log G_{ga}=(\log S_o+\log O_o)/2$
$\log S_o=-0{,}35[u_\lambda-u_{445}]^2$
$\log G_{go}=\log G_{ga}+0{,}78$
$\log O_o=-0{,}35[u_\lambda-u_{595}]^2$
$[G_{go}, G_{ga}, S_o, O_o]$
Adaptation: $\lambda_{SO}=520$
445
520
595
S_o
O_o
G_{ga}
maximum
$\log(G_{gam})=-0{,}71$
$G_{gam}=0{,}19$
Threshold
$t_a=0{,}03$, $t_b=0{,}00$
u_λ
λ/nm
R:445, 520, 595
EE391−3N


logarithmic G_{ga}, G_{go}, S_o/G_{ga}, O_o/G_{ga} $u_\lambda=(\lambda-550)/50$
$\log G_{ga}=(\log S_o+\log O_o)/2$
$\log S_o=-0{,}35[u_\lambda-u_{445}]^2$
$\log G_{go}=\log G_{ga}+0{,}78$
$\log O_o=-0{,}35[u_\lambda-u_{595}]^2$
$[G_{go}, G_{ga}, S_o/G_{ga}, O_o/G_{ga}]$
Adaptation: $\lambda_{SO}=520$
445
520
595
G_{go}
S_o/G_{ga}
O_o/G_{ga}
G_{ga}
maximum
$\log(G_{gam})=-0{,}71$
$G_{gam}=0{,}19$
Threshold
$t_a=0{,}03$, $t_b=0{,}00$
u_λ
λ/nm
S:445, 520, 595
EE391−4N


logarithmic L_{ga}, L_{go}, C_o, W_o data
$u_\lambda=(\lambda-550)/50$
$\log L_{ga}=(\log C_o+\log W_o)/2$
$\log C_o=-0{,}35[u_\lambda-u_{495}]^2$
$\log L_{go}=\log L_{ga}+0{,}78$
$\log W_o=-0{,}35[u_\lambda-u_{645}]^2$
$[L_{go}, L_{ga}, C_o, W_o]$
Adaptation: $\lambda_{CW}=570$
495
570
645
C_o
W_o
L_{ga}
maximum
$\log(L_{gam})=-0{,}71$
$L_{gam}=0{,}19$
Threshold
$t_a=0{,}03$, $t_b=0{,}00$
u_λ
λ/nm
R:495, 570, 645
EE391−5N


logarithmic L_{ga}, L_{go}, C_o/L_{ga}, W_o/L_{ga} $u_\lambda=(\lambda-550)/50$
$\log L_{ga}=(\log C_o+\log W_o)/2$
$\log C_o=-0{,}35[u_\lambda-u_{495}]^2$
$\log L_{go}=\log L_{ga}+0{,}78$
$\log W_o=-0{,}35[u_\lambda-u_{645}]^2$
$[L_{go}, L_{ga}, C_o/L_{ga}, W_o/L_{ga}]$
Adaptation: $\lambda_{CW}=570$
495
570
645
L_{go}
C_o/L_{ga}
W_o/L_{ga}
L_{ga}
maximum
$\log(L_{gam})=-0{,}71$
$L_{gam}=0{,}19$
Threshold
$t_a=0{,}03$, $t_b=0{,}00$
u_λ
λ/nm
S:495, 570, 645
EE391−6N


logarithmic R_{ga}, R_{go}, M_o, Y_o data
$u_\lambda=(\lambda-550)/50$
$\log R_{ga}=(\log M_o+\log Y_o)/2$
$\log M_o=-0{,}35[u_\lambda-u_{545}]^2$
$\log R_{go}=\log R_{ga}+0{,}78$
$\log Y_o=-0{,}35[u_\lambda-u_{695}]^2$
$[R_{go}, R_{ga}, M_o, Y_o]$
Adaptation: $\lambda_{MY}=620$
545
620
695
M_o
Y_o
R_{ga}
maximum
$\log(R_{gam})=-0{,}71$
$R_{gam}=0{,}19$
Threshold
$t_a=0{,}03$, $t_b=0{,}00$
u_λ
λ/nm
R:545, 620, 695
EE391−7N


logarithmic R_{ga}, R_{go}, M_o/R_{ga}, Y_o/R_{ga} $u_\lambda=(\lambda-550)/50$
$\log R_{ga}=(\log M_o+\log Y_o)/2$
$\log M_o=-0{,}35[u_\lambda-u_{545}]^2$
$\log R_{go}=\log R_{ga}+0{,}78$
$\log Y_o=-0{,}35[u_\lambda-u_{695}]^2$
$[R_{go}, R_{ga}, M_o/R_{ga}, Y_o/R_{ga}]$
Adaptation: $\lambda_{MY}=620$
545
620
695
R_{go}
M_o/R_{ga}
Y_o/R_{ga}
R_{ga}
maximum
$\log(R_{gam})=-0{,}71$
$R_{gam}=0{,}19$
Threshold
$t_a=0{,}03$, $t_b=0{,}00$
u_λ
λ/nm
S:545, 620, 695
EE391−8N