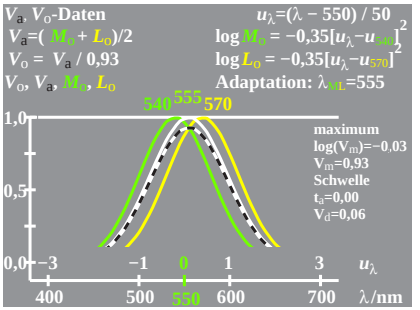
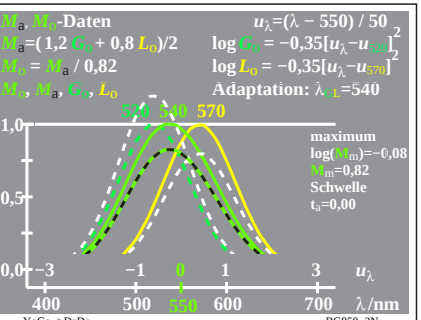
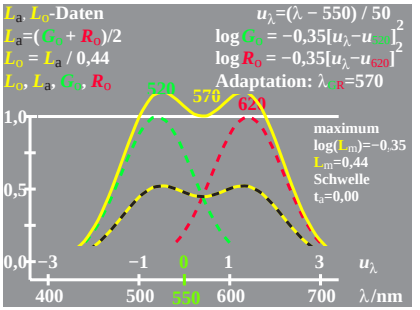
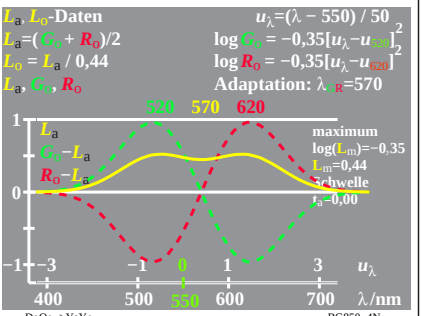
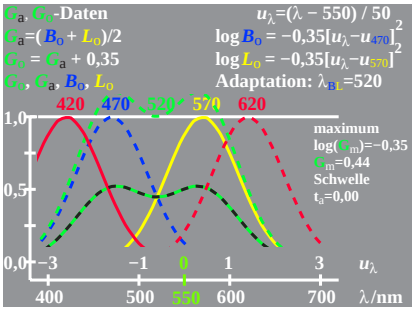
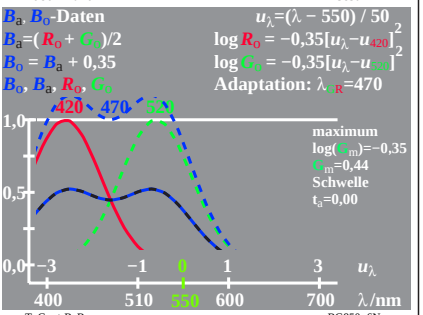

V_a, V_o-Daten
V_a=(M_o + L_o)/2
V_o = V_a / 0,93
V_o, V_a, M_o, L_o
u_λ=(λ − 550) / 50
log M_o = −0,35[u_λ−u_{540}]^2
log L_o = −0,35[u_λ−u_{570}]^2
Adaptation: λ_{oL}=555
540 555 570
maximum
log(V_m)=−0,03
V_m=0,93
Schwelle
t_a=0,00
V_d=0,06
1,0
0,5
0,0
−3 −1 0 1 3 u_λ
400 500 550 600 700 λ/nm
DoPo−>UaUo
BG850−1N

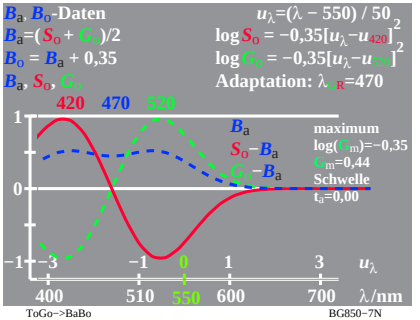

M_a, M_o-Daten
M_a=(1,2 G_o + 0,8 L_o)/2
M_o = M_a / 0,82
M_o, M_a, G_o, L_o
u_λ=(λ − 550) / 50
log G_o = −0,35[u_λ−u_{550}]^2
log L_o = −0,35[u_λ−u_{570}]^2
Adaptation: λ_{oL}=540
540 570
maximum
log(M_m)=−0,08
M_m=0,82
Schwelle
t_a=0,00
1,0
0,5
0,0
−3 −1 0 1 3 u_λ
400 500 550 600 700 λ/nm
YoGo−>DaDo
BG850−2N

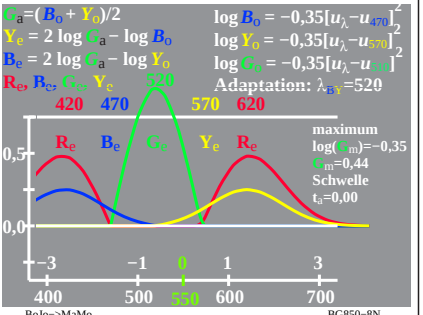

L_a, L_o-Daten
L_a=(G_o + R_o)/2
L_o = L_a / 0,44
L_o, L_a, G_o, R_o
u_λ=(λ − 550) / 50
log G_o = −0,35[u_λ−u_{550}]^2
log R_o = −0,35[u_λ−u_{620}]^2
Adaptation: λ_{oR}=570
520 570 620
maximum
log(L_m)=−0,35
L_m=0,44
Schwelle
t_a=0,00
1,0
0,5
0,0
−3 −1 0 1 3 u_λ
400 500 550 600 700 λ/nm
DoOo−>YaYo
BG850−3N


L_a, L_o-Daten
L_a=(G_o + R_o)/2
L_o = L_a / 0,44
L_a, G_o, R_o
u_λ=(λ − 550) / 50
log G_o = −0,35[u_λ−u_{550}]^2
log R_o = −0,35[u_λ−u_{620}]^2
Adaptation: λ_{oR}=570
520 570 620
L_a
G_o−L_a
R_o−L_a
maximum
log(L_m)=−0,35
L_m=0,44
Schwelle
t_a=0,00
1
0
−1
−3 −1 0 1 3 u_λ
400 500 550 600 700 λ/nm
DoOo−>YaYo
BG850−4N


G_a, G_o-Daten
G_a=(B_o + L_o)/2
G_o = G_a + 0,35
G_o, G_a, B_o, L_o
u_λ=(λ − 550) / 50
log B_o = −0,35[u_λ−u_{470}]^2
log L_o = −0,35[u_λ−u_{570}]^2
Adaptation: λ_{oL}=520
420 470 520 570 620
maximum
log(G_m)=−0,35
G_m=0,44
Schwelle
t_a=0,00
1,0
0,5
0,0
−3 −1 0 1 3 u_λ
400 500 550 600 700 λ/nm
BoJo−>MaMo
BG850−5N


B_a, B_o-Daten
B_a=(R_o + G_o)/2
B_o = B_a + 0,35
B_o, B_a, R_o, G_o
u_λ=(λ − 550) / 50
log R_o = −0,35[u_λ−u_{420}]^2
log G_o = −0,35[u_λ−u_{500}]^2
Adaptation: λ_{oR}=470
420 470 520
maximum
log(G_m)=−0,35
G_m=0,44
Schwelle
t_a=0,00
1,0
0,5
0,0
−3 −1 0 1 3 u_λ
400 510 550 600 700 λ/nm
ToGo−>BaBo
BG850−6N


B_a, B_o-Daten
B_a=(S_o + G_o)/2
B_o = B_a + 0,35
B_a, S_o, G_o
u_λ=(λ − 550) / 50
log S_o = −0,35[u_λ−u_{420}]^2
log G_e = −0,35[u_λ−u_{520}]^2
Adaptation: λ_{oR}=470
420 470 520
B_a
S_o−B_a
G_o−B_a
maximum
log(G_m)=−0,35
G_m=0,44
Schwelle
t_a=0,00
1
0
−1
−3 −1 0 1 3 u_λ
400 510 550 600 700 λ/nm
ToGo−>BaBo
BG850−7N


G_a=(B_o + Y_o)/2
Y_e = 2 log G_a− log B_o
B_e = 2 log G_a− log Y_o
R_e, B_e, G_e, Y_e
log B_o = −0,35[u_λ−u_{470}]^2
log Y_o = −0,35[u_λ−u_{570}]^2
log G_o = −0,35[u_λ−u_{520}]^2
Adaptation: λ_{oY}=520
520
420 470 570 620
R_e B_e G_e Y_e R_e
maximum
log(G_m)=−0,35
G_m=0,44
Schwelle
t_a=0,00
0,5
0,0
−3 −1 0 1 3
400 500 550 600 700
BoJo−>MaMo
BG850−8N