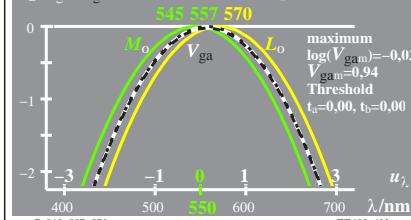


see similar files of the whole serie: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>



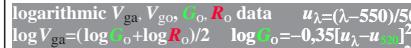
logarithmic  $V_{ga}$ ,  $V_{go}$ ,  $M_o$ ,  $L_o$  data  $u_{\lambda}=(\lambda-550)/50$   
 $\log V_{ga}=-(\log M_o+\log L_o)/2$   $\log M_o=-0,35[u_{\lambda}-u_{550}]^2$   
 $\log V_{go}=\log V_{ga}+0,02$   $\log L_o=-0,35[u_{\lambda}-u_{570}]^2$   
 $\log[V_{go}, V_{ga}, M_o, L_o]$  Adaptation:  $\lambda_{M_o}=537$



logarithmic  $V_{ga}$ ,  $V_{go}$ ,  $T_o$ ,  $G_o$  data  $u_{\lambda}=(\lambda-550)/50$   
 $\log V_{ga}=-(\log T_o+\log G_o)/2$   $\log T_o=-0,35[u_{\lambda}-u_{420}]^2$   
 $\log V_{go}=\log V_{ga}+0,35$   $\log G_o=-0,35[u_{\lambda}-u_{550}]^2$   
 $\log[V_{go}, V_{ga}, T_o, G_o]$  Adaptation:  $\lambda_{T_o}=470$



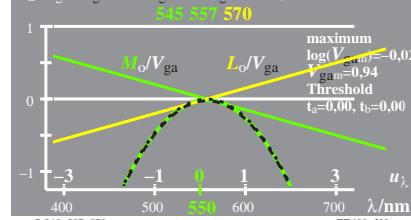
logarithmic  $V_{ga}$ ,  $V_{go}$ ,  $B_o$ ,  $L_o$  data  $u_{\lambda}=(\lambda-550)/50$   
 $\log V_{ga}=-(\log B_o+\log L_o)/2$   $\log B_o=-0,35[u_{\lambda}-u_{470}]^2$   
 $\log V_{go}=\log V_{ga}+0,35$   $\log L_o=-0,35[u_{\lambda}-u_{570}]^2$   
 $\log[V_{go}, V_{ga}, B_o, L_o]$  Adaptation:  $\lambda_{B_o}=520$



logarithmic  $V_{ga}$ ,  $V_{go}$ ,  $G_o$ ,  $R_o$  data  $u_{\lambda}=(\lambda-550)/50$   
 $\log V_{ga}=-(\log G_o+\log R_o)/2$   $\log G_o=-0,35[u_{\lambda}-u_{550}]^2$   
 $\log V_{go}=\log V_{ga}+0,35$   $\log R_o=-0,35[u_{\lambda}-u_{620}]^2$   
 $\log[V_{go}, V_{ga}, G_o, R_o]$  Adaptation:  $\lambda_{G_o}=570$



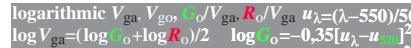
logarithmic  $V_{ga}$ ,  $V_{go}$ ,  $M_o$ ,  $L_o$  data  $u_{\lambda}=(\lambda-550)/50$   
 $\log V_{ga}=-(\log M_o+\log L_o)/2$   $\log M_o=-0,35[u_{\lambda}-u_{550}]^2$   
 $\log V_{go}=\log V_{ga}+0,02$   $\log L_o=-0,35[u_{\lambda}-u_{570}]^2$   
 $\log[V_{go}, V_{ga}, M_o, L_o]$  Adaptation:  $\lambda_{M_o}=537$



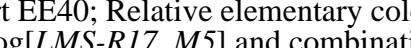
logarithmic  $V_{ga}$ ,  $V_{go}$ ,  $T_o$ ,  $G_o$  data  $u_{\lambda}=(\lambda-550)/50$   
 $\log V_{ga}=-(\log T_o+\log G_o)/2$   $\log T_o=-0,35[u_{\lambda}-u_{420}]^2$   
 $\log V_{go}=\log V_{ga}+0,35$   $\log G_o=-0,35[u_{\lambda}-u_{550}]^2$   
 $\log[V_{go}, V_{ga}, T_o, G_o]$  Adaptation:  $\lambda_{T_o}=470$



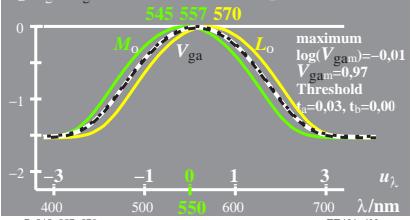
logarithmic  $V_{ga}$ ,  $V_{go}$ ,  $B_o$ ,  $L_o$  data  $u_{\lambda}=(\lambda-550)/50$   
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 $\log[V_{go}, V_{ga}, B_o, L_o]$  Adaptation:  $\lambda_{B_o}=520$



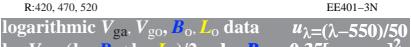
logarithmic  $V_{ga}$ ,  $V_{go}$ ,  $G_o$ ,  $R_o$  data  $u_{\lambda}=(\lambda-550)/50$   
 $\log V_{ga}=-(\log G_o+\log R_o)/2$   $\log G_o=-0,35[u_{\lambda}-u_{550}]^2$   
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 $\log[V_{go}, V_{ga}, M_o, L_o]$  Adaptation:  $\lambda_{M_o}=537$



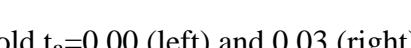
logarithmic  $V_{ga}$ ,  $V_{go}$ ,  $T_o$ ,  $G_o$  data  $u_{\lambda}=(\lambda-550)/50$   
 $\log V_{ga}=-(\log T_o+\log G_o)/2$   $\log T_o=-0,35[u_{\lambda}-u_{420}]^2$   
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 $\log[V_{go}, V_{ga}, T_o, G_o]$  Adaptation:  $\lambda_{T_o}=470$



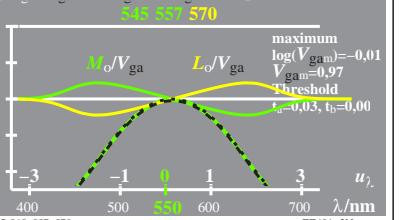
logarithmic  $V_{ga}$ ,  $V_{go}$ ,  $B_o$ ,  $L_o$  data  $u_{\lambda}=(\lambda-550)/50$   
 $\log V_{ga}=-(\log B_o+\log L_o)/2$   $\log B_o=-0,35[u_{\lambda}-u_{470}]^2$   
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 $\log[V_{go}, V_{ga}, G_o, R_o]$  Adaptation:  $\lambda_{G_o}=570$



TUB-test chart EE40; Relative elementary colour vision  
 Sensitivities  $\log[LMS-R17\_M5]$  and combinations; threshold  $t_a=0,00$  (left) and  $0,03$  (right)

TUB registration: 20230801-EE40/EE40L0NP.PDF/.PS  
 application for evaluation and measurement of display or print output

TUB material: code=rha4ta