

TUB registration: 20220301-CEJ5/CEJ5L0NP.PDF /PS

application for evaluation and measurement of display or print output

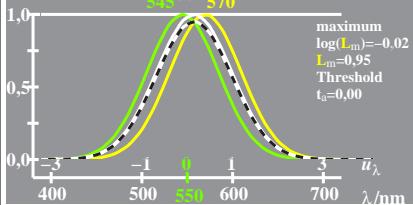
TUB material: code=rha4ta

<http://farbe.li.tu-berlin.de/CEJ5/CEJ5L0NP.PDF /PS>; only vector graphic VG; start output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/1

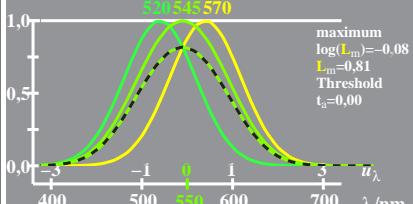
see similar files: <http://farbe.li.tu-berlin.de/CEJ5/CEJ5.HTM>

technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>

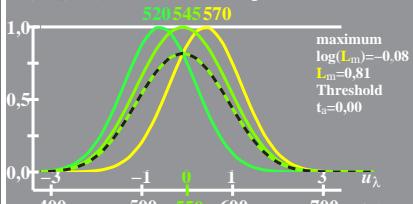
V_a, V_o -data $u_\lambda = (\lambda - 550) / 50$
 $V_a = (M_o + L_o)/2$ $\log M_o = -0,35[u_\lambda - u_{550}]^2$
 $V_o = V_a / 0,95$ $\log L_o = -0,35[u_\lambda - u_{550}]^2$
 V_o, V_a, M_o, L_o Adaptation: $\lambda_{557} = 557$



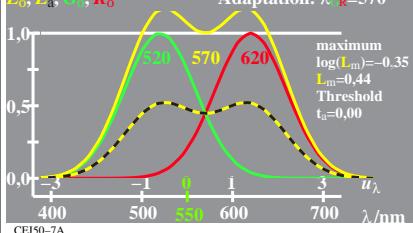
M_a, M_o -data $u_\lambda = (\lambda - 550) / 50$
 $M_a = (G_o + L_o)/2$ $\log G_o = -0,35[u_\lambda - u_{550}]^2$
 $M_o = M_a / 0,81$ $\log L_o = -0,35[u_\lambda - u_{550}]^2$
 M_o, M_a, G_o, L_o Adaptation: $\lambda_{545} = 545$



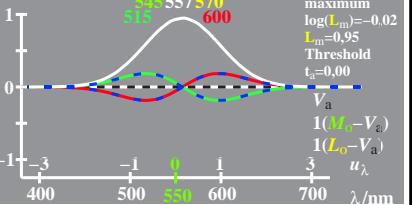
M_a, M_o -data $u_\lambda = (\lambda - 550) / 50$
 $M_a = (G_o + L_o)/2$ $\log G_o = -0,35[u_\lambda - u_{550}]^2$
 $M_o = M_a / 0,81$ $\log L_o = -0,35[u_\lambda - u_{550}]^2$
 M_o, M_a, G_o, L_o Adaptation: $\lambda_{545} = 545$



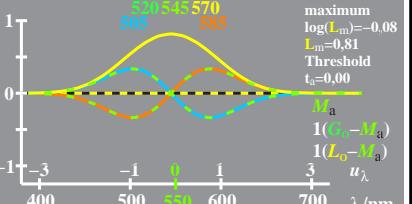
L_a, L_o -data $u_\lambda = (\lambda - 550) / 50$
 $L_a = (G_o + R_o)/2$ $\log G_o = -0,35[u_\lambda - u_{550}]^2$
 $L_o = L_a / 0,44$ $\log R_o = -0,35[u_\lambda - u_{620}]^2$
 L_o, L_a, G_o, R_o Adaptation: $\lambda_{570} = 570$



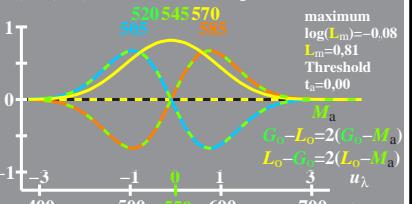
V_a, V_o -data $u_\lambda = (\lambda - 550) / 50$
 $V_a = (M_o + L_o)/2$ $\log M_o = -0,35[u_\lambda - u_{550}]^2$
 $V_o = V_a / 0,95$ $\log L_o = -0,35[u_\lambda - u_{550}]^2$
 V_o, V_a, M_o, L_o Adaptation: $\lambda_{557} = 557$



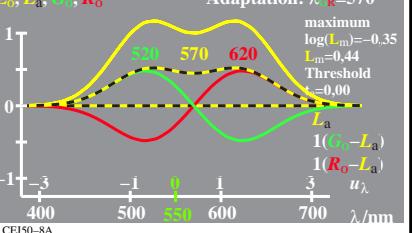
M_a, M_o -data $u_\lambda = (\lambda - 550) / 50$
 $M_a = (G_o + L_o)/2$ $\log G_o = -0,35[u_\lambda - u_{550}]^2$
 $M_o = M_a / 0,81$ $\log L_o = -0,35[u_\lambda - u_{550}]^2$
 M_o, M_a, G_o, L_o Adaptation: $\lambda_{545} = 545$



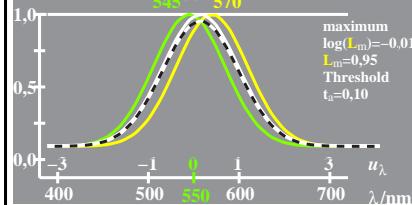
M_a, M_o -data $u_\lambda = (\lambda - 550) / 50$
 $M_a = (G_o + L_o)/2$ $\log G_o = -0,35[u_\lambda - u_{550}]^2$
 $M_o = M_a / 0,81$ $\log L_o = -0,35[u_\lambda - u_{550}]^2$
 M_o, M_a, G_o, L_o Adaptation: $\lambda_{545} = 545$



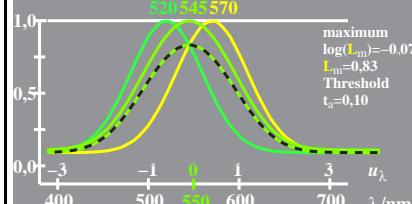
L_a, L_o -data $u_\lambda = (\lambda - 550) / 50$
 $L_a = (G_o + R_o)/2$ $\log G_o = -0,35[u_\lambda - u_{550}]^2$
 $L_o = L_a / 0,44$ $\log R_o = -0,35[u_\lambda - u_{620}]^2$
 L_o, L_a, G_o, R_o Adaptation: $\lambda_{570} = 570$



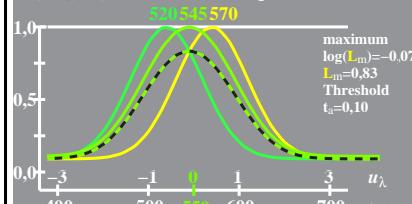
V_a, V_o -data $u_\lambda = (\lambda - 550) / 50$
 $V_a = (M_o + L_o)/2$ $\log M_o = -0,35[u_\lambda - u_{550}]^2$
 $V_o = V_a / 0,95$ $\log L_o = -0,35[u_\lambda - u_{550}]^2$
 V_o, V_a, M_o, L_o Adaptation: $\lambda_{557} = 557$



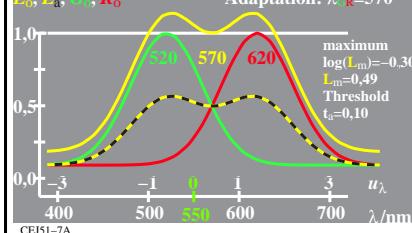
M_a, M_o -data $u_\lambda = (\lambda - 550) / 50$
 $M_a = (G_o + L_o)/2$ $\log G_o = -0,35[u_\lambda - u_{550}]^2$
 $M_o = M_a / 0,81$ $\log L_o = -0,35[u_\lambda - u_{550}]^2$
 M_o, M_a, G_o, L_o Adaptation: $\lambda_{545} = 557$



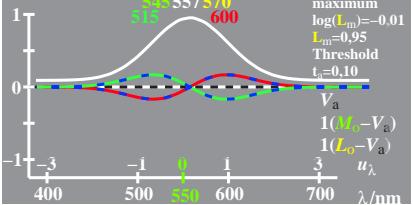
M_a, M_o -data $u_\lambda = (\lambda - 550) / 50$
 $M_a = (G_o + L_o)/2$ $\log G_o = -0,35[u_\lambda - u_{550}]^2$
 $M_o = M_a / 0,81$ $\log L_o = -0,35[u_\lambda - u_{550}]^2$
 M_o, M_a, G_o, L_o Adaptation: $\lambda_{545} = 545$



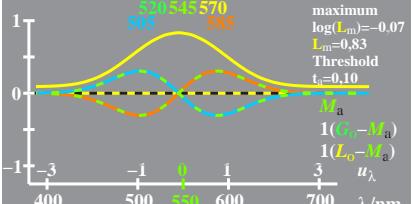
L_a, L_o -data $u_\lambda = (\lambda - 550) / 50$
 $L_a = (G_o + R_o)/2$ $\log G_o = -0,35[u_\lambda - u_{550}]^2$
 $L_o = L_a / 0,44$ $\log R_o = -0,35[u_\lambda - u_{620}]^2$
 L_o, L_a, G_o, R_o Adaptation: $\lambda_{570} = 570$



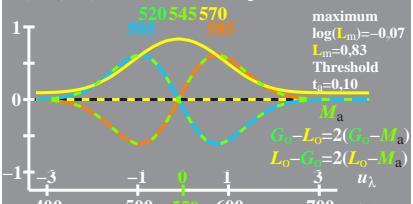
V_a, V_o -data $u_\lambda = (\lambda - 550) / 50$
 $V_a = (M_o + L_o)/2$ $\log M_o = -0,35[u_\lambda - u_{550}]^2$
 $V_o = V_a / 0,95$ $\log L_o = -0,35[u_\lambda - u_{550}]^2$
 V_o, V_a, M_o, L_o Adaptation: $\lambda_{557} = 557$



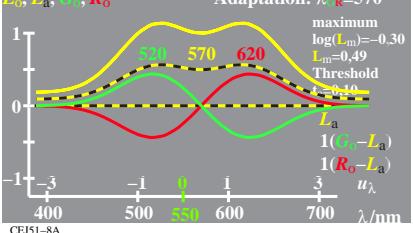
M_a, M_o -data $u_\lambda = (\lambda - 550) / 50$
 $M_a = (G_o + L_o)/2$ $\log G_o = -0,35[u_\lambda - u_{550}]^2$
 $M_o = M_a / 0,81$ $\log L_o = -0,35[u_\lambda - u_{550}]^2$
 M_o, M_a, G_o, L_o Adaptation: $\lambda_{545} = 545$



M_a, M_o -data $u_\lambda = (\lambda - 550) / 50$
 $M_a = (G_o + L_o)/2$ $\log G_o = -0,35[u_\lambda - u_{550}]^2$
 $M_o = M_a / 0,81$ $\log L_o = -0,35[u_\lambda - u_{550}]^2$
 M_o, M_a, G_o, L_o Adaptation: $\lambda_{545} = 545$



L_a, L_o -data $u_\lambda = (\lambda - 550) / 50$
 $L_a = (G_o + R_o)/2$ $\log G_o = -0,35[u_\lambda - u_{550}]^2$
 $L_o = L_a / 0,49$ $\log R_o = -0,35[u_\lambda - u_{620}]^2$
 L_o, L_a, G_o, R_o Adaptation: $\lambda_{570} = 570$



TUB-test chart CEJ5; Elementary colour vision; threshold $t_a=0,00$ (left) and $0,10$ (right), E00
 lin[Sensitivities and differences] LMS-R21=(545,557,570), (520,545,570), (520,570,620)