

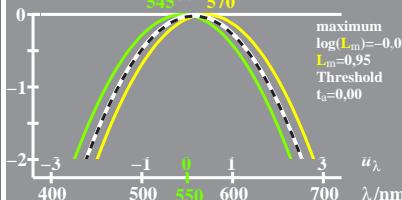
TUB registration: 20220301-CEL8/CEL8L0NP.PDF/.PS

TUB material: code=rha4ta

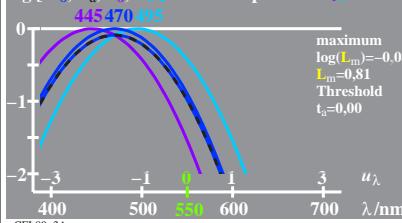
application for evaluation and measurement of display or print output

TUB-test chart CEL8; Elementary colour vision; threshold $t_a=0.00$ (left) and 0.10 (right), E00
 $\log[\text{Sensitivities}], \text{lin}[\text{differences}]$ LMS-R21=(545,557,570), (445,470,495), (420,470,520)

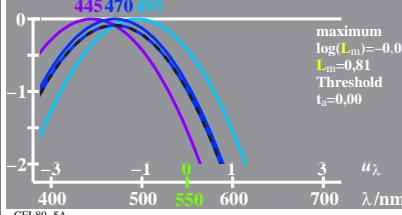
logarithmic V_a, V_o -data $u_\lambda=(\lambda - 550) / 50$
 $\log V_a = (\log M_o + \log L_o)/2$ $\log M_o = -0.35[u_\lambda - u_{450}]^2$
 $\log V_o = \log V_a + 0.02$ $\log L_o = -0.35[u_\lambda - u_{570}]^2$
 $\log [V_o, V_a, M_o, L_o]$ Adaptation: $\lambda_{\text{M}}=557$



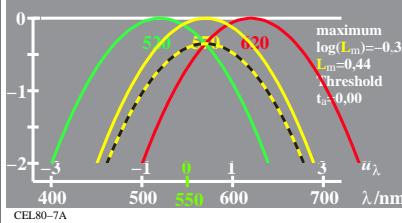
logarithmic B_a, B_o -data $u_\lambda=(\lambda - 550) / 50$
 $\log B_a = (\log T_o + \log C_o)/2$ $\log T_o = -0.35[u_\lambda - u_{445}]^2$
 $\log B_o = \log B_a + 0.08$ $\log C_o = -0.35[u_\lambda - u_{495}]^2$
 $\log [B_o, B_a, T_o, C_o]$ Adaptation: $\lambda_{\text{T}}=470$



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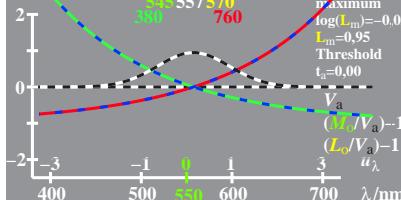
logarithmic L_a, L_o -data $u_\lambda=(\lambda - 550) / 50$
 $\log L_a = (\log G_o + \log R_o)/2$ $\log G_o = -0.35[u_\lambda - u_{520}]^2$
 $\log L_o = \log L_a + 0.35$ $\log R_o = -0.35[u_\lambda - u_{620}]^2$
 $\log [L_o, L_a, G_o, R_o]$ Adaptation: $\lambda_{\text{R}}=570$



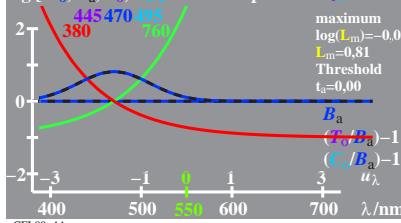
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 $\log V_a = (\log M_o + \log L_o)/2$ $\log M_o = -0.35[u_\lambda - u_{450}]^2$
 $\log V_o = \log V_a + 0.01$ $\log L_o = -0.35[u_\lambda - u_{570}]^2$
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maximum $\log(L_m)=-0.01$, $L_m=0.95$, Threshold $t_a=0.10$

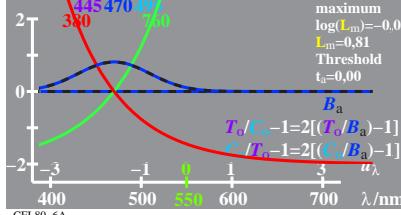
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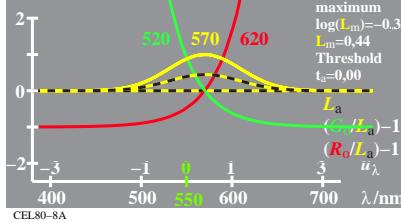
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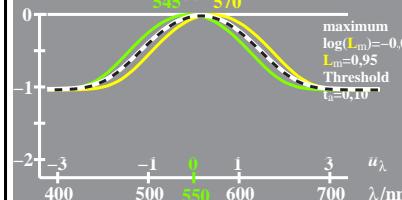
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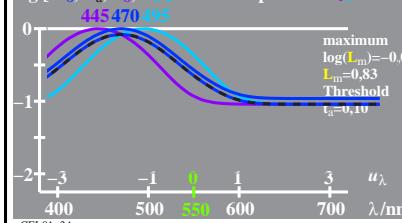
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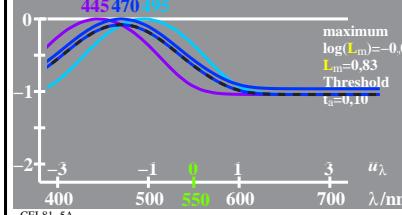
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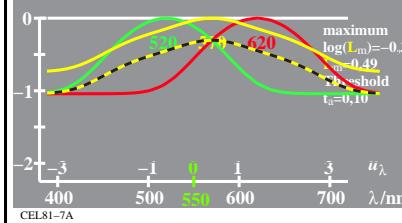
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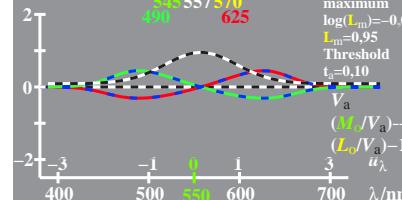
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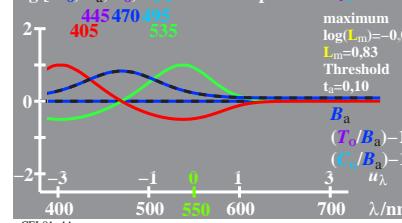
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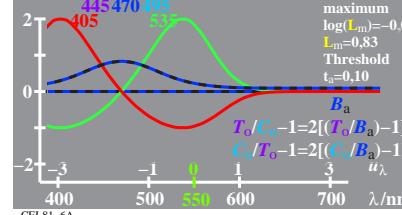
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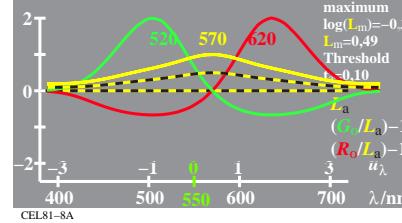
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