

TUB registration: 20220301-CEK7/CEK7L0NA.TXT /PS

TUB material:

code=rha4ta

application for evaluation and measurement of display or print output

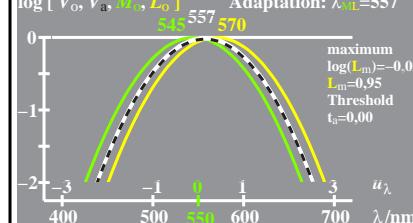
TUB-test chart CEK7; Elementary colour vision; threshold $t_a=0.00$ (left) and 0.10 (right), E00
 $\log[\text{Sensitivities and differences}] LMS-R2I=(545,557,570), (470,495,520), (470,520,570)$

<http://farbe.li.tu-berlin.de/CEK7/CEK7L0NA.TXT /PS>; only vector graphic VG; start output
 N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/1

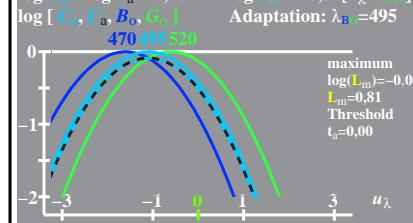


see similar files: <http://farbe.li.tu-berlin.de/CEK7/CEK7L0NA.TXT /PS>
 technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>

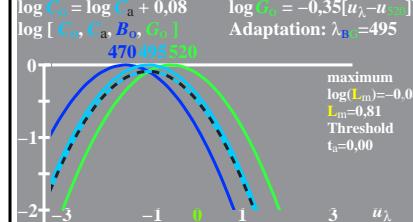
logarithmic V_a, V_o -data $u_\lambda=(\lambda - 550) / 50$
 $\log V_a = (\log M_o + \log L_o)/2$ $\log M_o = -0.35[u_\lambda - u_{450}]^2$
 $\log V_o = \log V_a + 0.02$ $\log L_o = -0.35[u_\lambda - u_{570}]^2$
 $\log [V_o, V_a, M_o, L_o]$ Adaptation: $\lambda_{M_o}=557$



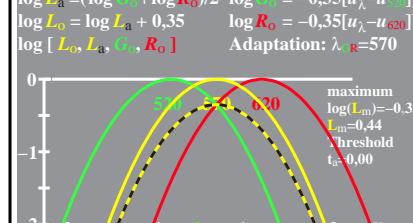
CEK70-1A
 logarithmic C_a, C_o -data $u_\lambda=(\lambda - 550) / 50$
 $\log C_a = (\log B_o + \log G_o)/2$ $\log B_o = -0.35[u_\lambda - u_{470}]^2$
 $\log C_o = \log C_a + 0.08$ $\log G_o = -0.35[u_\lambda - u_{520}]^2$
 $\log [C_o, C_a, B_o, G_o]$ Adaptation: $\lambda_B=495$



CEK70-3A
 logarithmic C_a, C_o -data $u_\lambda=(\lambda - 550) / 50$
 $\log C_a = (\log B_o + \log G_o)/2$ $\log B_o = -0.35[u_\lambda - u_{470}]^2$
 $\log C_o = \log C_a + 0.08$ $\log G_o = -0.35[u_\lambda - u_{520}]^2$
 $\log [C_o, C_a, B_o, G_o]$ Adaptation: $\lambda_B=495$



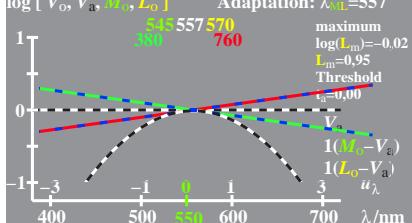
CEK70-5A
 logarithmic L_a, L_o -data $u_\lambda=(\lambda - 550) / 50$
 $\log L_a = (\log G_o + \log R_o)/2$ $\log G_o = -0.35[u_\lambda - u_{520}]^2$
 $\log L_o = \log L_a + 0.35$ $\log R_o = -0.35[u_\lambda - u_{620}]^2$
 $\log [L_o, L_a, G_o, R_o]$ Adaptation: $\lambda_R=570$



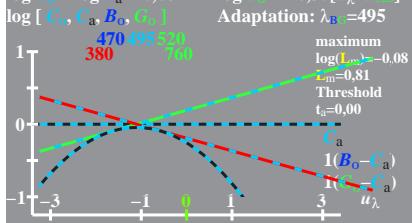
CEK70-7A
 logarithmic V_a, V_o -data $u_\lambda=(\lambda - 550) / 50$
 $\log V_a = (\log M_o + \log L_o)/2$ $\log M_o = -0.35[u_\lambda - u_{450}]^2$
 $\log V_o = \log V_a + 0.01$ $\log L_o = -0.35[u_\lambda - u_{570}]^2$
 $\log [V_o, V_a, M_o, L_o]$ Adaptation: $\lambda_{M_o}=557$



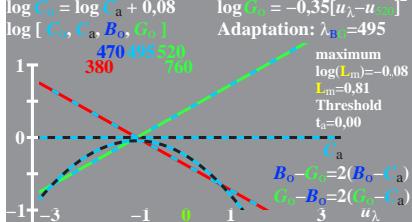
logarithmic V_a, V_o -data $u_\lambda=(\lambda - 550) / 50$
 $\log V_a = (\log M_o + \log L_o)/2$ $\log M_o = -0.35[u_\lambda - u_{450}]^2$
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 $\log [V_o, V_a, M_o, L_o]$ Adaptation: $\lambda_{M_o}=557$



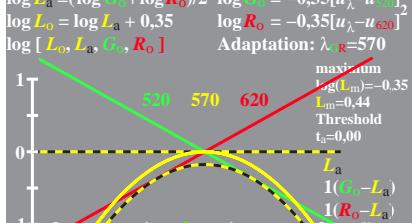
CEK70-2A
 logarithmic C_a, C_o -data $u_\lambda=(\lambda - 550) / 50$
 $\log C_a = (\log B_o + \log G_o)/2$ $\log B_o = -0.35[u_\lambda - u_{470}]^2$
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 $\log [C_o, C_a, B_o, G_o]$ Adaptation: $\lambda_B=495$



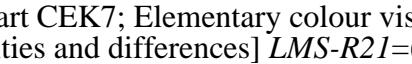
CEK70-4A
 logarithmic C_a, C_o -data $u_\lambda=(\lambda - 550) / 50$
 $\log C_a = (\log B_o + \log G_o)/2$ $\log B_o = -0.35[u_\lambda - u_{470}]^2$
 $\log C_o = \log C_a + 0.08$ $\log G_o = -0.35[u_\lambda - u_{520}]^2$
 $\log [C_o, C_a, B_o, G_o]$ Adaptation: $\lambda_B=495$



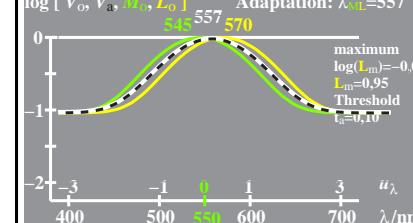
CEK70-6A
 logarithmic L_a, L_o -data $u_\lambda=(\lambda - 550) / 50$
 $\log L_a = (\log G_o + \log R_o)/2$ $\log G_o = -0.35[u_\lambda - u_{520}]^2$
 $\log L_o = \log L_a + 0.35$ $\log R_o = -0.35[u_\lambda - u_{620}]^2$
 $\log [L_o, L_a, G_o, R_o]$ Adaptation: $\lambda_R=570$



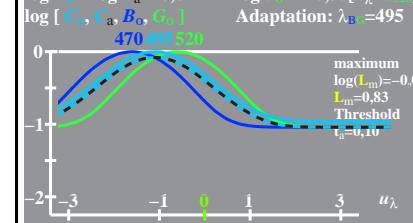
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 $\log V_a = (\log M_o + \log L_o)/2$ $\log M_o = -0.35[u_\lambda - u_{450}]^2$
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 $\log [V_o, V_a, M_o, L_o]$ Adaptation: $\lambda_{M_o}=557$



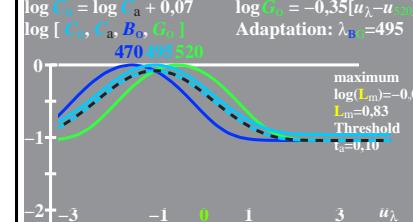
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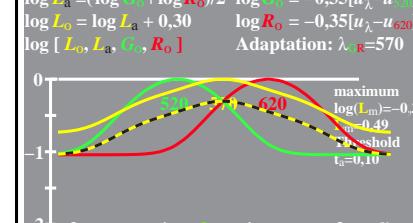
CEK71-1A
 logarithmic C_a, C_o -data $u_\lambda=(\lambda - 550) / 50$
 $\log C_a = (\log B_o + \log G_o)/2$ $\log B_o = -0.35[u_\lambda - u_{470}]^2$
 $\log C_o = \log C_a + 0.07$ $\log G_o = -0.35[u_\lambda - u_{520}]^2$
 $\log [C_o, C_a, B_o, G_o]$ Adaptation: $\lambda_B=495$



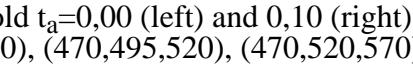
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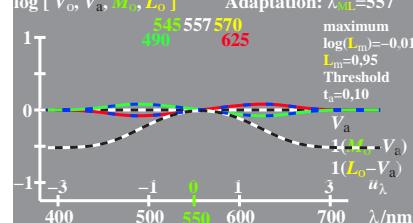
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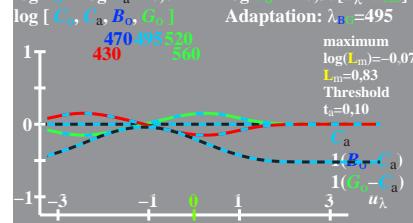
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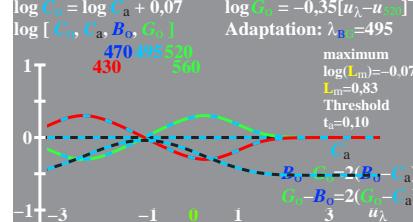
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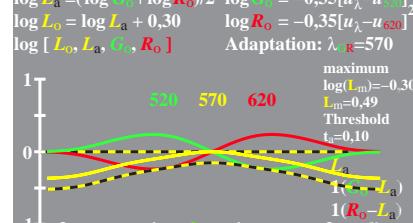
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