

TUB registration: 20090701-IE26/IE26L0NP.PDF/.PS

TUB application for measurement of printer or monitor systems

TUB material: code=rha4ta

<http://130.149.60.45/~farbmefrik/IE26/IE26L0NP.PDF/.PS>; start output

N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

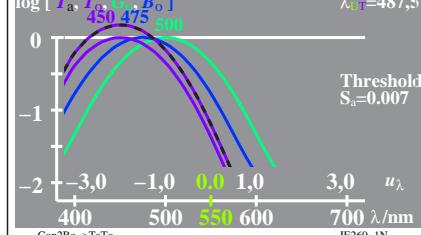
See original or copy: http://web.me.com/klaus_richter/IE26/IE26L0NP.PDF/.PS

Technical information:

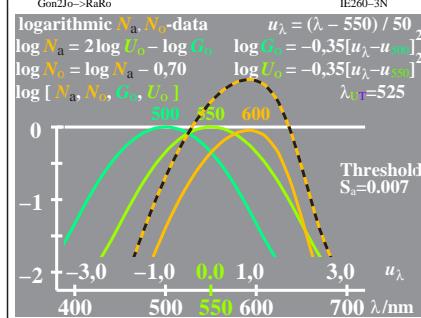
<http://www.ps.bam.de> or

<http://130.149.60.45/~farbmefrik>

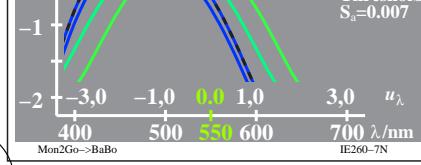
logarithmic T_a, T_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log T_a = 2 \log B_o - \log G_o$ $\log G_o = -0,35[u_\lambda - u_{550}]^2$
 $\log T_o = \log R_a - 0,17$ $\log B_o = -0,35[u_\lambda - u_{475}]^2$
 $\log [T_a, T_o, B_o, G_o]$ $\lambda_{\text{ref}} = 487,5$



logarithmic R_a, R_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log R_a = 2 \log J_o - \log G_o$ $\log G_o = -0,35[u_\lambda - u_{550}]^2$
 $\log R_o = \log R_a - 1,57$ $\log J_o = -0,35[u_\lambda - u_{575}]^2$
 $\log [R_a, R_o, G_o, J_o]$ $\lambda_{\text{ref}} = 537,5$
Adaptation: $\lambda_{\text{ref}} = 537,5$

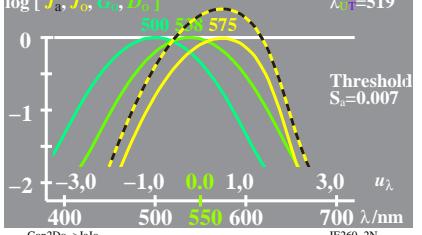


logarithmic N_a, N_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log N_a = 2 \log U_o - \log G_o$ $\log G_o = -0,35[u_\lambda - u_{550}]^2$
 $\log N_o = \log N_a - 0,70$ $\log U_o = -0,35[u_\lambda - u_{525}]^2$
 $\log [N_a, N_o, G_o, U_o]$ $\lambda_{\text{ref}} = 525$

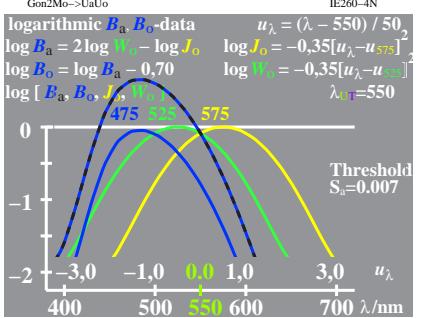


IE26-7X, 1

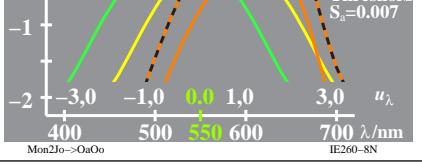
logarithmic J_a, J_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log J_a = 2 \log D_o - \log G_o$ $\log G_o = -0,35[u_\lambda - u_{550}]^2$
 $\log J_o = \log J_a - 0,40$ $\log D_o = -0,35[u_\lambda - u_{475}]^2$
 $\log [J_a, J_o, G_o, D_o]$ $\lambda_{\text{ref}} = 519$



logarithmic U_a, U_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log U_a = 2 \log M_o - \log G_o$ $\log G_o = -0,35[u_\lambda - u_{550}]^2$
 $\log U_o = \log U_a - 0,17$ $\log M_o = -0,35[u_\lambda - u_{537,5}]^2$
 $\log [U_a, U_o, G_o, M_o]$ $\lambda_{\text{ref}} = 513$
Adaptation: $\lambda_{\text{ref}} = 513$

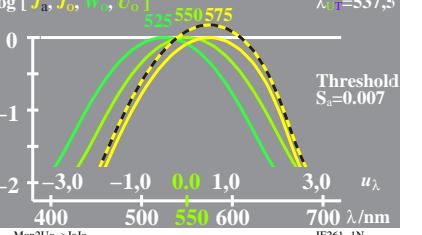


logarithmic B_a, B_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log B_a = 2 \log H_o - \log J_o$ $\log J_o = -0,35[u_\lambda - u_{575}]^2$
 $\log B_o = \log B_a - 0,70$ $\log H_o = -0,35[u_\lambda - u_{550}]^2$
 $\log [B_a, B_o, J_o, H_o]$ $\lambda_{\text{ref}} = 550$

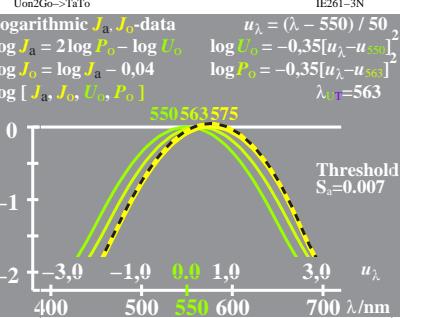


IE26-6N

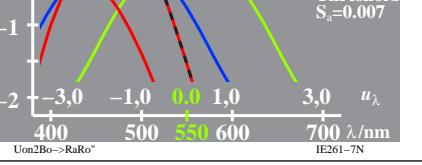
logarithmic J_a, J_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log J_a = 2 \log U_o - \log G_o$ $\log G_o = -0,35[u_\lambda - u_{550}]^2$
 $\log J_o = \log J_a - 0,17$ $\log U_o = -0,35[u_\lambda - u_{537,5}]^2$
 $\log [J_a, J_o, U_o, G_o]$ $\lambda_{\text{ref}} = 537,5$



logarithmic T_a, T_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log T_a = 2 \log G_o - \log U_o$ $\log U_o = -0,35[u_\lambda - u_{550}]^2$
 $\log T_o = \log T_a - 0,70$ $\log G_o = -0,35[u_\lambda - u_{525}]^2$
 $\log [T_a, T_o, G_o, U_o]$ $\lambda_{\text{ref}} = 525$

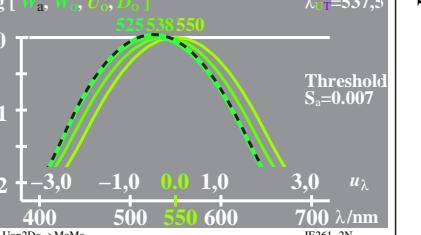


logarithmic J_a, J_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log J_a = 2 \log P_o - \log U_o$ $\log U_o = -0,35[u_\lambda - u_{550}]^2$
 $\log J_o = \log J_a - 0,04$ $\log P_o = -0,35[u_\lambda - u_{563}]^2$
 $\log [J_a, J_o, U_o, P_o]$ $\lambda_{\text{ref}} = 563$

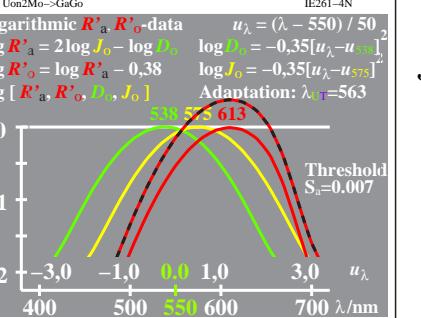


IE26-5N

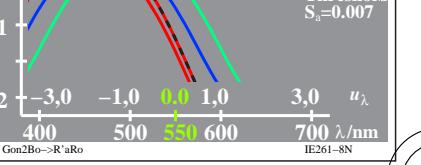
logarithmic W_a, W_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log W_a = 2 \log D_o - \log U_o$ $\log U_o = -0,35[u_\lambda - u_{550}]^2$
 $\log W_o = \log W_a - 0,04$ $\log D_o = -0,35[u_\lambda - u_{537,5}]^2$
 $\log [W_a, W_o, U_o, D_o]$ $\lambda_{\text{ref}} = 537,5$



logarithmic G_a, G_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log G_a = 2 \log V_o - \log U_o$ $\log U_o = -0,35[u_\lambda - u_{550}]^2$
 $\log G_o = \log G_a - 0,17$ $\log V_o = -0,35[u_\lambda - u_{525}]^2$
 $\log [G_a, G_o, U_o, V_o]$ $\lambda_{\text{ref}} = 525$



logarithmic R'_a, R'_o -data $u_\lambda = (\lambda - 550) / 50$
 $\log R'_a = 2 \log J_o - \log D_o$ $\log D_o = -0,35[u_\lambda - u_{550}]^2$
 $\log R'_o = \log R'_a - 0,38$ $\log J_o = -0,35[u_\lambda - u_{575}]^2$
 $\log [R'_a, R'_o, D_o, J_o]$ $\lambda_{\text{ref}} = 563$
Adaptation: $\lambda_{\text{ref}} = 563$



IE26-6N



TUB-test chart IE26; Relative elementary colour vision
Sensitivities PDT (LMS) and combinations; threshold ta=0.007

input: `olv* setrgbcolor`
output: no change compared to input

