

# TUB registration: 20090701-IE24/IE24L0NA.PS/.TXT

TUB application for measurement of printer or monitor systems

TUB material: code=rha4ta

<http://130.149.60.45/~farbmefrik/IE24/IE24L0NA.PS/.TXT>; start output

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

C

M

Y

O

L

V

V

L

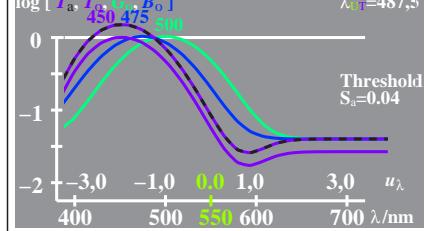
O

Y

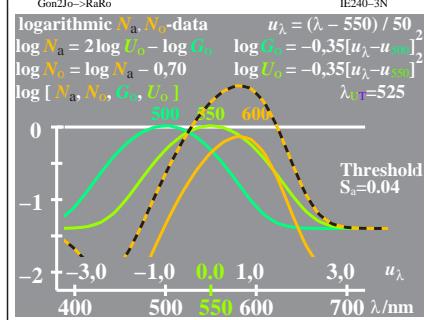
M

C

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



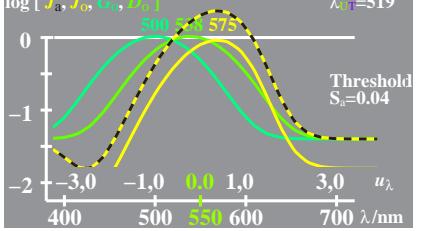
logarithmic  $R_a, R_o$ -data  $u_\lambda = (\lambda - 550) / 50$   
 $\log R_a = 2 \log J_o - \log G_o$   $\log G_o = -0,35[u_\lambda - u_{550}]^2$   
 $\log R_o = \log R_a - 1,57$   $\log J_o = -0,35[u_\lambda - u_{575}]^2$   
 $\log [R_a, R_o, G_o, J_o]$   $\lambda_{\text{ref}}=537,5$   
Adaptation: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



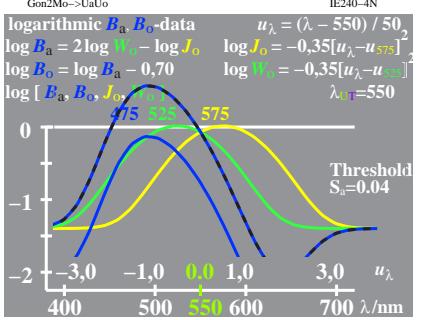
logarithmic  $B_a, B_o$ -data  $u_\lambda = (\lambda - 550) / 50$   
 $\log B_a = 2 \log G_o - \log W_o$   $\log W_o = -0,35[u_\lambda - u_{550}]^2$   
 $\log B_o = \log B_a - 0,17$   $\log G_o = -0,35[u_\lambda - u_{500}]^2$   
 $\log [B_a, B_o, G_o, W_o]$   $\lambda_{\text{ref}}=513$



logarithmic  $J_a, J_o$ -data  $u_\lambda = (\lambda - 550) / 50$   
 $\log J_a = 2 \log D_o - \log G_o$   $\log G_o = -0,35[u_\lambda - u_{550}]^2$   
 $\log J_o = \log J_a - 0,40$   $\log D_o = -0,35[u_\lambda - u_{575}]^2$   
 $\log [J_a, J_o, G_o, D_o]$   $\lambda_{\text{ref}}=519$



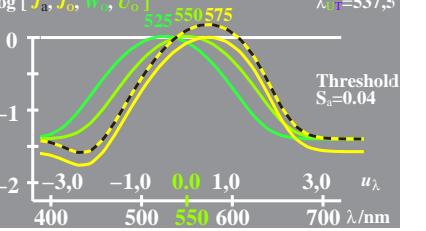
logarithmic  $U_a, U_o$ -data  $u_\lambda = (\lambda - 550) / 50$   
 $\log U_a = 2 \log M_o - \log G_o$   $\log G_o = -0,35[u_\lambda - u_{550}]^2$   
 $\log U_o = \log U_a - 0,17$   $\log M_o = -0,35[u_\lambda - u_{537,5}]^2$   
 $\log [U_a, U_o, G_o, M_o]$   $\lambda_{\text{ref}}=513$   
Adaptation: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



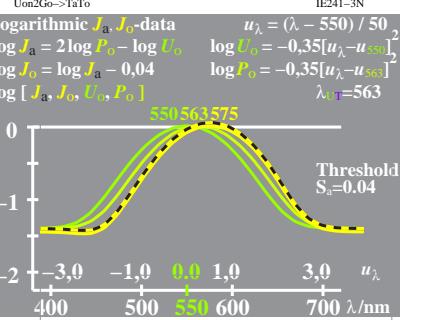
logarithmic  $G_a, G_o$ -data  $u_\lambda = (\lambda - 550) / 50$   
 $\log G_a = 2 \log D_o - \log U_o$   $\log U_o = -0,35[u_\lambda - u_{550}]^2$   
 $\log G_o = \log G_a - 0,17$   $\log D_o = -0,35[u_\lambda - u_{525}]^2$   
 $\log [G_a, G_o, U_o, D_o]$   $\lambda_{\text{ref}}=525$



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



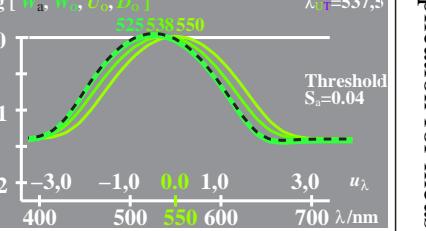
logarithmic  $T_a, T_o$ -data  $u_\lambda = (\lambda - 550) / 50$   
 $\log T_a = 2 \log G_o - \log U_o$   $\log U_o = -0,35[u_\lambda - u_{550}]^2$   
 $\log T_o = \log T_a - 0,70$   $\log G_o = -0,35[u_\lambda - u_{525}]^2$   
 $\log [T_a, T_o, G_o, U_o]$   $\lambda_{\text{ref}}=525$



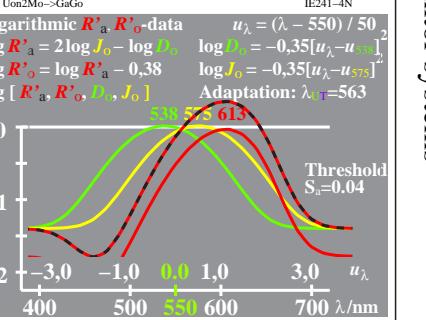
logarithmic  $R'_a, R''_o$ -data  $u_\lambda = (\lambda - 550) / 50$   
 $\log R'_a = 2 \log J_o - \log D_o$   $\log D_o = -0,35[u_\lambda - u_{550}]^2$   
 $\log R''_o = \log R'_a - 0,38$   $\log J_o = -0,35[u_\lambda - u_{575}]^2$   
 $\log [R'_a, R''_o, D_o, J_o]$   $\lambda_{\text{ref}}=563$   
Adaptation: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



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



logarithmic  $R'_a, R''_o$ -data  $u_\lambda = (\lambda - 550) / 50$   
 $\log R'_a = 2 \log B_o - \log G_o$   $\log G_o = -0,35[u_\lambda - u_{550}]^2$   
 $\log R''_o = \log R'_a - 0,17$   $\log B_o = -0,35[u_\lambda - u_{475}]^2$   
 $\log [R'_a, R''_o, G_o, B_o]$   $\lambda_{\text{ref}}=513$



TUB-test chart IE24; Relative elementary colour vision  
Sensitivities PDT (LMS) and combinations; threshold ta=0.04

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

C

M

Y

O

L

V

V

L

C