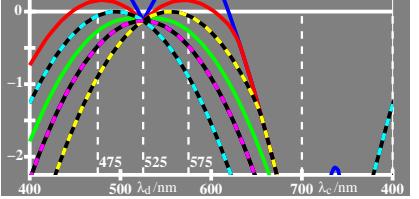


BAM registration: 20061001-XE54/10L/L54E00FP.PS/.PDF

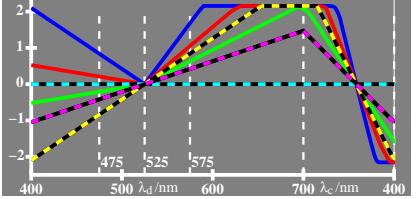
application for measurement of printer or monitor systems

BAM material: code=rha4ta

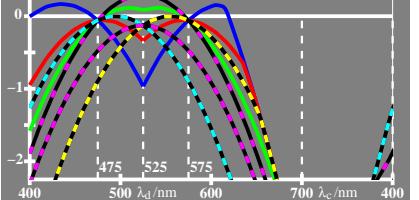
$\log [P_d D_o T_o U_o N_o W_o]$ $\log P_a = \log P_o + 0.16$
 $\log N_o = 0.5 [\log T_o + \log U_o]$ $\log D_o = \log D_o - 0.09$
 $\log W_o = 0.5 [\log N_o + \log U_o]$ $\log T_a = \log T_o + 1.13$
 Adaptation: $\lambda_{Rd}=525$
 $t_s=0.007 \quad \lambda_B=525$



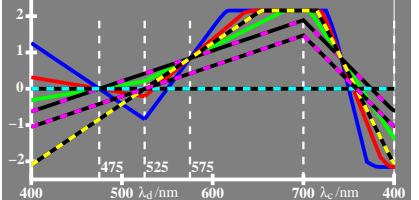
$\log [P_d D_o T_o U_o N_o W_o] - \log N_o$ $\log P_a = \log P_o + 0.16$
 $\log N_o = 0.5 [\log T_o + \log U_o]$ $\log D_o = \log D_o - 0.09$
 $\log W_o = 0.5 [\log N_o + \log U_o]$ $\log T_a = \log T_o + 1.13$
 Threshold: $t_s=0.007$ Adaptation: $\lambda_{Rd}=525$
 $\lambda_B=525$



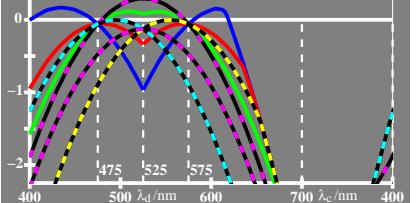
$\log [P_d D_o T_o U_o N_o W_o H]$ $\log P_a = \log P_o - 0.05$
 $\log N_o = 0.5 [\log T_o + \log U_o]$ $\log D_o = \log D_o + 0.12$
 $\log W_o = 0.5 [\log N_o + \log U_o]$ $\log T_a = \log T_o - 0.13$
 Adaptation: $\lambda_{Rd}=575$
 $t_s=0.007 \quad \lambda_B=575$



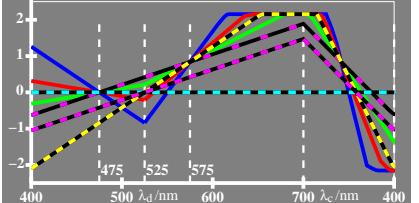
$\log [P_d D_o T_o U_o N_o W_o] - \log N_o$ $\log P_a = \log P_o - 0.05$
 $\log N_o = 0.5 [\log T_o + \log U_o]$ $\log D_o = \log D_o + 0.12$
 $\log W_o = 0.5 [\log N_o + \log U_o]$ $\log T_a = \log T_o - 0.13$
 Threshold: $t_s=0.007$ Adaptation: $\lambda_{Rd}=575$
 $\lambda_B=575$



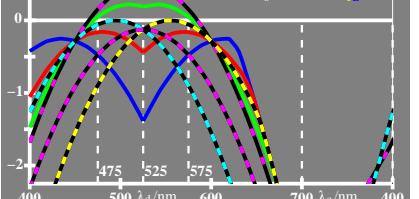
$\log [P_d D_o T_o U_o N_o W_o H]$ $\log P_a = \log P_o - 0.89$
 $\log N_o = 0.5 [\log T_o + \log U_o]$ $\log D_o = \log D_o - 0.72$
 $\log W_o = 0.5 [\log N_o + \log U_o]$ $\log T_a = \log T_o - 0.13$
 Adaptation: $\lambda_{Rd}=475$
 $t_s=0.007 \quad \lambda_B=475$



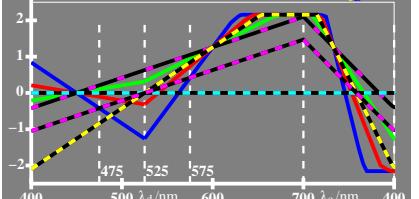
$\log [P_d D_o T_o U_o N_o W_o] - \log N_o$ $\log P_a = \log P_o - 0.89$
 $\log N_o = 0.5 [\log T_o + \log U_o]$ $\log D_o = \log D_o - 0.72$
 $\log W_o = 0.5 [\log N_o + \log U_o]$ $\log T_a = \log T_o - 0.13$
 Threshold: $t_s=0.007$ Adaptation: $\lambda_{Rd}=475$
 $\lambda_B=475$



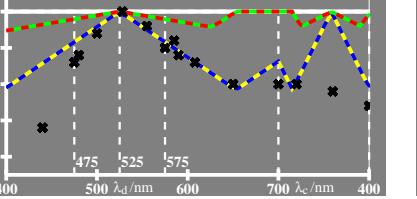
$\log [P_d D_o T_o U_o N_o W_o H]$ $\log P_a = \log P_o - 0.16$
 $\log N_o = 0.5 [\log T_o + \log U_o]$ $\log D_o = \log D_o + 0.22$
 $\log W_o = 0.5 [\log N_o + \log U_o]$ $\log T_a = \log T_o - 0.76$
 Adaptation: $\lambda_{Rd}=600$
 $t_s=0.007 \quad \lambda_B=600$



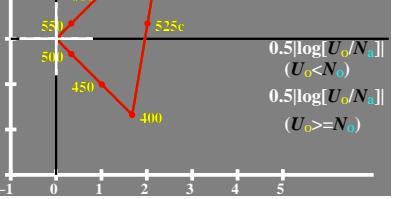
$\log [P_d D_o T_o U_o N_o W_o] - \log N_o$ $\log P_a = \log P_o - 0.16$
 $\log N_o = 0.5 [\log T_o + \log U_o]$ $\log D_o = \log D_o + 0.22$
 $\log W_o = 0.5 [\log N_o + \log U_o]$ $\log T_a = \log T_o - 0.76$
 Threshold: $t_s=0.007$ Adaptation: $\lambda_{Rd}=600$
 $\lambda_B=600$



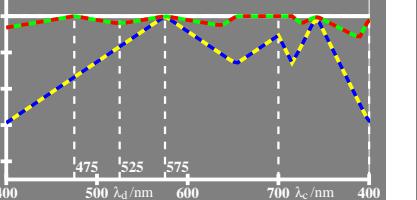
$-0[\log P_o/N_o] - 0[\log P_d/U_o]$ $\log P_a = \log P_o + 0.16$
 $(U_o < N_o) \quad (U_o > N_o)$ $\log D_o = \log D_o - 0.09$
 $-0[\log N_o/H_o] - 0[\log U_o/H_o]$ $\log T_a = \log T_o + 1.13$
 $(\lambda_B < 525nm) (\lambda_B > 525nm)$ Adaptation: $\lambda_{Rd}=525$
 $t_s=0.007 \quad \lambda_B=525$



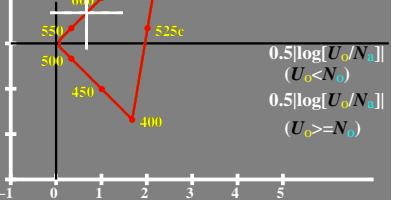
$0.5[\log U_o/N_a]$ $0.5[\log U_o/N_a]$ $\log P_a = \log P_o + 0.16$
 $(U_o < N_o) \quad (U_o > N_o)$ $\log D_o = \log D_o - 0.09$
 $0.5[\log U_o/N_a]$ $0.5[\log U_o/N_a]$ $\log T_a = \log T_o + 1.13$
 $(U_o < N_o) \quad (U_o > N_o)$ Adaptation: $\lambda_{Rd}=525$
 $t_s=0.007 \quad \lambda_B=525$



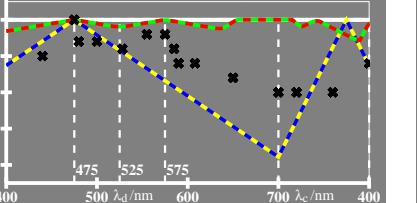
$-0[\log P_o/N_o] - 0[\log P_d/U_o]$ $\log P_a = \log P_o - 0.05$
 $(U_o < N_o) \quad (U_o > N_o)$ $\log D_o = \log D_o + 0.12$
 $-0[\log N_o/H_o] - 0[\log U_o/H_o]$ $\log T_a = \log T_o - 0.13$
 $(\lambda_B < 525nm) (\lambda_B > 525nm)$ Adaptation: $\lambda_{Rd}=575$
 $t_s=0.007 \quad \lambda_B=575$



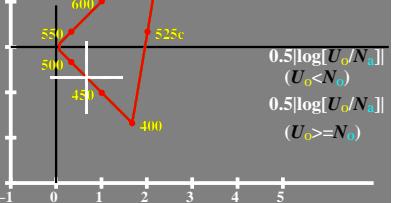
$0.5[\log U_o/N_a]$ $0.5[\log U_o/N_a]$ $\log P_a = \log P_o - 0.05$
 $(U_o < N_o) \quad (U_o > N_o)$ $\log D_o = \log D_o + 0.12$
 $0.5[\log U_o/N_a]$ $0.5[\log U_o/N_a]$ $\log T_a = \log T_o - 0.13$
 $(U_o < N_o) \quad (U_o > N_o)$ Adaptation: $\lambda_{Rd}=575$
 $t_s=0.007 \quad \lambda_B=575$



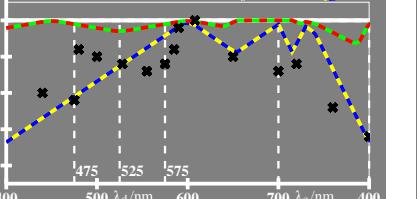
$-0[\log P_o/N_o] - 0[\log P_d/U_o]$ $\log P_a = \log P_o - 0.89$
 $(U_o < N_o) \quad (U_o > N_o)$ $\log D_o = \log D_o - 0.72$
 $-0[\log N_o/H_o] - 0[\log U_o/H_o]$ $\log T_a = \log T_o - 0.13$
 $(\lambda_B < 525nm) (\lambda_B > 525nm)$ Adaptation: $\lambda_{Rd}=475$
 $t_s=0.007 \quad \lambda_B=475$



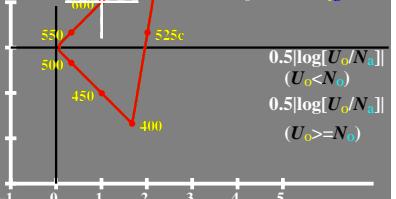
$0.5[\log U_o/N_a]$ $0.5[\log U_o/N_a]$ $\log P_a = \log P_o - 0.89$
 $(U_o < N_o) \quad (U_o > N_o)$ $\log D_o = \log D_o - 0.72$
 $0.5[\log U_o/N_a]$ $0.5[\log U_o/N_a]$ $\log T_a = \log T_o - 0.13$
 $(U_o < N_o) \quad (U_o > N_o)$ Adaptation: $\lambda_{Rd}=475$
 $t_s=0.007 \quad \lambda_B=475$



$-0[\log P_o/N_o] - 0[\log P_d/U_o]$ $\log P_a = \log P_o - 0.16$
 $(U_o < N_o) \quad (U_o > N_o)$ $\log D_o = \log D_o + 0.22$
 $-0[\log N_o/H_o] - 0[\log U_o/H_o]$ $\log T_a = \log T_o - 0.76$
 $(\lambda_B < 525nm) (\lambda_B > 525nm)$ Adaptation: $\lambda_{Rd}=600$
 $t_s=0.007 \quad \lambda_B=600$



$0.5[\log U_o/N_a]$ $0.5[\log U_o/N_a]$ $\log P_a = \log P_o - 0.16$
 $(U_o < N_o) \quad (U_o > N_o)$ $\log D_o = \log D_o + 0.22$
 $0.5[\log U_o/N_a]$ $0.5[\log U_o/N_a]$ $\log T_a = \log T_o - 0.76$
 $(U_o < N_o) \quad (U_o > N_o)$ Adaptation: $\lambda_{Rd}=600$
 $t_s=0.007 \quad \lambda_B=600$



BAM-test chart no. XE54; colour vision and adaptation
 Logarithmic cone sensitivity and ratios or differences

input: *cmy0** *setcmykcolor*
 output: *olv** *setrgbcolor / w** *setgray*

See for similar files: http://www.ps.bam.de/XE54/

Technical information: http://www.ps.bam.de/XE54/

Version 2.1, io=1; iORS; oORS, CIELAB