www.ps.bam.de/LE40/L40E00N2.PS/.TXT; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

(olv3* = 0.25, l3*, v3*)

(olv3* = 0.25, 0, 1)

System: TLS00

	A	B	C	D	E
b01	*relative Inform. Technology (IT)* olv3* 0.25 0.25 0.25 (1.0) cmpa* 0.75 1.0 1.0 (0.0) olv4* 1.0 0.75 0.75 0.25 cmpa4* 0.0 0.25 0.25 0.75 *standard and adapted CIELAB* LABP:Lab 14.64 19.22 16.13 LABP:Sat 12.64 19.22 16.13 LABP:Tint 12.5 25.09 40.0 *relative CIELAB lab** lab*:ab 0.132 0.191 0.161 lab*:Sat 0.132 0.191 0.161 lab*:Tint 0.75 0.25 0.111 *relative Natural Color (NC)* lab*:Sj 0.132 0.244 0.056 lab*:Sat 0.125 0.25 0.036 lab*:eE 0.75 0.25 0.06	*relative Inform. Technology (IT)* olv3* 0.25 0.25 0.25 (1.0) cmpa* 0.75 1.0 1.0 (0.0) olv4* 1.0 0.75 1.0 0.25 cmpa4* 0.0 0.25 0.0 0.75 *standard and adapted CIELAB* LABP:Lab 14.14 23.58 -14.59 LABP:Tint 12.5 27.73 328.24 *relative CIELAB lab** lab*:ab 0.15 0.212 -0.133 lab*:Sat 0.15 0.212 -0.133 lab*:Tint 0.75 0.25 0.912 *relative Natural Color (NC)* lab*:Sj 0.15 0.141 -0.206 lab*:Sat 0.125 0.25 0.045 lab*:eE 0.75 0.25 0.09	*relative Inform. Technology (IT)* olv3* 0.25 0.25 0.25 (1.0) cmpa* 0.75 1.0 1.0 (0.0) olv4* 0.75 0.5 1.0 0.5 cmpa4* 0.25 0.5 0.0 0.5 *standard and adapted CIELAB* LABP:Lab 21.93 42.59 -40.48 LABP:Tint 21.93 42.59 -40.48 LABP:Tint 26.01 58.77 316.45 *relative CIELAB lab** lab*:ab 0.23 0.362 -0.343 lab*:Sat 0.23 0.362 -0.343 lab*:Tint 0.5 0.5 0.879 *relative Natural Color (NC)* lab*:Sj 0.293 0.251 -0.457 lab*:Sat 0.25 0.5 0.816 lab*:eE 0.25 0.5 0.59	*relative Inform. Technology (IT)* olv3* 0.25 0.25 0.25 (1.0) cmpa* 0.75 1.0 1.0 (0.0) olv4* 0.25 0.25 1.0 0.75 cmpa4* 0.75 0.75 0.0 0.25 *standard and adapted CIELAB* LABP:Lab 29.53 61.61 -60.38 LABP:Tint 37.11 98.57 331.65 *relative CIELAB lab** lab*:ab 0.309 0.51 -0.549 lab*:Sat 0.309 0.51 -0.549 lab*:Tint 0.75 0.75 0.869 *relative Natural Color (NC)* lab*:Sj 0.309 0.263 -0.701 lab*:Sat 0.375 0.75 0.887 lab*:eE 0.25 0.75 0.029	*relative Inform. Technology (IT)* olv3* 0.25 0.25 1.0 (0.0) cmpa* 0.75 1.0 0.0 (1.0) olv4* 0.25 0.0 1.0 1.0 cmpa4* 0.75 0.75 0.0 0.0 *standard and adapted CIELAB* LABP:Lab 39.39 -82.29 -52.35 LABP:Tint 39.39 -82.29 -52.35 LABP:Tint 50.0 122.53 311.14 *relative CIELAB lab** lab*:ab 0.389 0.658 -0.752 lab*:Sat 0.389 0.658 -0.752 lab*:Tint 0.0 1.0 0.864 *relative Natural Color (NC)* lab*:Sj 0.389 0.326 -0.564 lab*:Sat 0.5 1.0 0.893 lab*:eE 0.0 1.0 0.577
b02	*relative Inform. Technology (IT)* olv3* 0.25 0.25 0.0 (1.0) cmpa* 0.75 1.0 1.0 (0.0) olv4* 1.0 1.0 0.75 0.25 cmpa4* 0.0 0.0 0.25 0.75 *standard and adapted CIELAB* LABP:Lab 23.17 -5.16 22.68 LABP:Tint 23.17 -5.16 22.68 LABP:Tint 13.5 25.36 103.86 *relative CIELAB lab** lab*:ab 0.243 -0.055 0.244 lab*:Sat 0.125 0.25 0.286 lab*:Tint 0.75 0.25 0.286 *relative Natural Color (NC)* lab*:Sj 0.243 -0.055 0.244 lab*:Sat 0.125 0.25 0.286 lab*:eE 0.75 0.25 .11g	*relative Inform. Technology (IT)* olv3* 0.25 0.25 0.25 (1.0) cmpa* 0.75 1.0 1.0 (0.0) olv4* 1.0 1.0 1.0 0.25 cmpa4* 0.0 0.0 0.0 0.75 *standard and adapted CIELAB* LABP:Lab 23.87 0.0 0.0 LABP:Tint 23.87 0.0 0.0 LABP:Tint 25.0 0.0 0.0 *relative CIELAB lab** lab*:ab 0.25 0.0 0.0 lab*:Sat 0.25 0.0 - lab*:Tint 0.75 0.0 - *relative Natural Color (NC)* lab*:Sj 0.25 0.0 0.0 lab*:Sat 0.25 0.0 - lab*:eE 0.75 0.0 -	*relative Inform. Technology (IT)* olv3* 0.25 0.25 0.5 (1.0) cmpa* 0.75 1.0 0.5 (0.0) olv4* 0.75 0.75 1.0 0.5 cmpa4* 0.25 0.25 0.0 0.5 *standard and adapted CIELAB* LABP:Lab 31.16 0.148 -0.201 LABP:Tint 31.16 0.148 -0.201 LABP:Tint 37.5 32.13 306.29 *relative CIELAB lab** lab*:ab 0.375 0.25 0.851 lab*:Sat 0.375 0.25 0.851 lab*:Tint 0.5 0.5 0.941 *relative Natural Color (NC)* lab*:Sj 0.375 0.25 0.851 lab*:Sat 0.5 0.5 0.941 lab*:eE 0.5 0.25 b16e	*relative Inform. Technology (IT)* olv3* 0.25 0.25 0.75 (1.0) cmpa* 0.75 0.5 0.25 (0.0) olv4* 0.25 0.5 0.5 0.75 cmpa4* 0.75 0.25 0.25 0.25 *standard and adapted CIELAB* LABP:Lab 46.64 57.04 -77.66 LABP:Tint 46.64 57.04 -77.66 LABP:Tint 57.5 96.37 306.29 *relative CIELAB lab** lab*:ab 0.489 0.296 -0.402 lab*:Sat 0.489 0.296 -0.402 lab*:Tint 0.25 0.5 0.851 *relative Natural Color (NC)* lab*:Sj 0.489 0.296 -0.402 lab*:Sat 0.25 0.5 0.851 lab*:eE 0.25 0.5 b16e	*relative Inform. Technology (IT)* olv3* 0.25 0.25 0.0 (1.0) cmpa* 0.75 0.75 1.0 (0.0) olv4* 0.25 0.25 1.0 1.0 cmpa4* 0.75 0.75 0.0 0.0 *standard and adapted CIELAB* LABP:Lab 46.64 57.04 -77.66 LABP:Tint 46.64 57.04 -77.66 LABP:Tint 57.5 96.37 306.29 *relative CIELAB lab** lab*:ab 0.489 0.444 -0.603 lab*:Sat 0.625 0.75 0.851 lab*:Tint 0.625 0.75 0.851 *relative Natural Color (NC)* lab*:Sj 0.489 0.444 -0.724 lab*:Sat 0.625 0.75 0.791 lab*:eE 0.0 0.75 b16e
b03	*relative Inform. Technology (IT)* olv3* 0.25 0.5 0.0 (1.0) cmpa* 0.75 0.5 1.0 (0.0) olv4* 1.0 0.75 0.75 0.25 cmpa4* 0.25 0.0 0.25 0.75 *standard and adapted CIELAB* LABP:Lab 44.08 -25.85 42.65 LABP:Tint 44.08 -25.85 42.65 LABP:Tint 50.0 -29.58 124.13 *relative CIELAB lab** lab*:ab 0.5 -0.258 0.427 lab*:Sat 0.25 0.5 0.337 lab*:Tint 0.5 0.5 0.337 *relative Natural Color (NC)* lab*:Sj 0.462 -0.261 0.426 lab*:Sat 0.5 0.5 0.337 lab*:eE 0.5 0.5 .24g	*relative Inform. Technology (IT)* olv3* 0.25 0.5 0.25 (1.0) cmpa* 0.75 0.5 0.75 (0.0) olv4* 0.25 0.25 0.25 0.25 cmpa4* 0.75 0.75 0.75 0.75 *standard and adapted CIELAB* LABP:Lab 44.76 -20.68 19.98 LABP:Tint 44.76 -20.68 19.98 LABP:Tint 57.5 28.76 -16.09 *relative CIELAB lab** lab*:ab 0.375 0.179 0.174 lab*:Sat 0.375 0.25 0.378 lab*:Tint 0.5 0.25 0.378 *relative Natural Color (NC)* lab*:Sj 0.469 -0.188 0.164 lab*:Sat 0.375 0.25 0.378 lab*:eE 0.5 0.25 .24g	*relative Inform. Technology (IT)* olv3* 0.25 0.5 0.5 (1.0) cmpa* 0.75 0.5 0.5 (0.0) olv4* 0.75 0.75 1.0 0.5 cmpa4* 0.25 0.25 0.0 0.5 *standard and adapted CIELAB* LABP:Lab 46.48 -11.12 -3.38 LABP:Tint 46.48 -11.12 -3.38 LABP:Tint 57.5 12.03 196.27 *relative CIELAB lab** lab*:ab 0.478 -0.239 -0.069 lab*:Sat 0.478 -0.239 -0.069 lab*:Tint 0.5 0.25 g23k *relative Natural Color (NC)* lab*:Sj 0.478 -0.239 -0.082 lab*:Sat 0.478 -0.239 -0.069 lab*:eE 0.5 0.25 g23k	*relative Inform. Technology (IT)* olv3* 0.25 0.5 0.75 (1.0) cmpa* 0.75 0.5 0.25 (0.0) olv4* 0.25 0.5 1.0 0.75 cmpa4* 0.75 0.25 0.0 0.25 *standard and adapted CIELAB* LABP:Lab 53.17 7.47 -29.28 LABP:Tint 53.17 7.47 -29.28 LABP:Tint 50.0 30.22 284.31 *relative CIELAB lab** lab*:ab 0.531 0.124 -0.483 lab*:Sat 0.5 0.5 0.79 lab*:Tint 0.25 0.5 0.79 *relative Natural Color (NC)* lab*:Sj 0.557 -0.035 -0.498 lab*:Sat 0.5 0.5 0.79 lab*:eE 0.25 0.5 g56k	*relative Inform. Technology (IT)* olv3* 0.25 0.5 0.0 (1.0) cmpa* 0.75 0.5 1.0 (0.0) olv4* 0.25 0.75 0.25 0.25 cmpa4* 0.75 0.25 0.75 0.75 *standard and adapted CIELAB* LABP:Lab 60.76 -26.48 -25.16 LABP:Lab 60.76 -26.48 -25.16 LABP:Tint 50.0 32.5 -61.2 290.4 *relative CIELAB lab** lab*:ab 0.607 -0.264 -0.675 lab*:Sat 0.625 0.75 0.821 lab*:Tint 0.0 0.75 0.821 *relative Natural Color (NC)* lab*:Sj 0.637 0.088 -0.746 lab*:Sat 0.625 0.75 0.821 lab*:eE 0.0 0.75 b85e
b04	*relative Inform. Technology (IT)* olv3* 0.25 0.75 0.0 (1.0) cmpa* 0.75 0.25 1.0 (0.0) olv4* 0.5 1.0 0.25 0.75 cmpa4* 0.5 0.0 0.75 0.25 *standard and adapted CIELAB* LABP:Lab 64.98 -46.54 62.63 LABP:Lab 64.98 -46.54 62.63 LABP:Tint 37.51 78.04 126.62 *relative CIELAB lab** lab*:ab 0.681 -0.446 0.602 lab*:Sat 0.375 0.75 0.352 lab*:Tint 0.25 0.75 0.352 *relative Natural Color (NC)* lab*:Sj 0.681 -0.46 0.591 lab*:Sat 0.375 0.75 0.352 lab*:eE 0.25 0.75 24g	*relative Inform. Technology (IT)* olv3* 0.25 0.75 0.25 (1.0) cmpa* 0.75 0.25 0.75 (0.0) olv4* 0.5 1.0 0.5 0.5 cmpa4* 0.5 0.0 0.5 0.5 *standard and adapted CIELAB* LABP:Lab 65.67 -41.37 39.95 LABP:Lab 65.67 -41.37 39.95 LABP:Tint 50.0 57.52 136.01 *relative CIELAB lab** lab*:ab 0.688 -0.339 0.347 lab*:Sat 0.625 0.5 0.378 lab*:Tint 0.625 0.5 0.378 *relative Natural Color (NC)* lab*:Sj 0.688 -0.376 0.328 lab*:Sat 0.5 0.5 0.386 lab*:eE 0.25 0.5 24g	*relative Inform. Technology (IT)* olv3* 0.25 0.75 0.5 (1.0) cmpa* 0.75 0.25 0.5 (0.0) olv4* 0.5 1.0 0.75 0.75 cmpa4* 0.5 0.0 0.25 0.25 *standard and adapted CIELAB* LABP:Lab 66.48 -32.22 10.39 LABP:Lab 66.48 -32.22 10.39 LABP:Tint 50.0 36.25 152.77 *relative CIELAB lab** lab*:ab 0.697 -0.444 0.229 lab*:Sat 0.5 0.5 0.441 lab*:Tint 0.5 0.5 0.424 *relative Natural Color (NC)* lab*:Sj 0.697 -0.444 0.181 lab*:Sat 0.5 0.5 0.441 lab*:eE 0.5 0.5 .29g	*relative Inform. Technology (IT)* olv3* 0.25 0.75 0.75 (1.0) cmpa* 0.75 0.25 0.25 (0.0) olv4* 0.5 1.0 1.0 0.75 cmpa4* 0.5 0.0 0.0 0.25 *standard and adapted CIELAB* LABP:Lab 67.29 -23.68 -6.77 LABP:Tint 67.29 -23.68 -6.77 LABP:Tint 50.0 36.25 192.77 *relative CIELAB lab** lab*:ab 0.705 -0.479 -0.14 lab*:Sat 0.625 0.5 0.546 lab*:Tint 0.25 0.5 0.546 *relative Natural Color (NC)* lab*:Sj 0.705 -0.47 -0.164 lab*:Sat 0.5 0.5 0.554 lab*:eE 0.25 0.5 g23b	*relative Inform. Technology (IT)* olv3* 0.25 0.75 1.0 (1.0) cmpa* 0.75 0.25 0.0 (0.0) olv4* 0.25 0.75 1.0 1.0 cmpa4* 0.75 0.25 0.0 0.0 *standard and adapted CIELAB* LABP:Lab 74.80 -4.87 -32.65 LABP:Tint 74.80 -4.87 -32.65 LABP:Tint 62.5 22.92 262.88 *relative CIELAB lab** lab*:ab 0.785 -0.092 -0.743 lab*:Sat 0.875 0.25 0.773 lab*:Tint 0.0 0.75 0.773 *relative Natural Color (NC)* lab*:Sj 0.785 -0.092 -0.782 lab*:Sat 0.625 0.75 0.693 lab*:eE 0.0 0.75 g75c
b05	*relative Inform. Technology (IT)* olv3* 0.25 1.0 0.0 (1.0) cmpa* 0.75 0.0 1.0 (0.0) olv4* 0.25 1.0 0.0 1.0 cmpa4* 0.75 0.0 1.0 0.0 *standard and adapted CIELAB* LABP:Lab 85.88 -27.22 82.6 LABP:Tint 85.88 -27.22 82.6 LABP:Tint 50.0 106.5 126.16 *relative CIELAB lab** lab*:ab 0.9 -0.63 0.775 lab*:Sat 0.9 1.0 0.359 lab*:Tint 0.9 1.0 0.359 *relative Natural Color (NC)* lab*:Sj 0.9 -0.654 0.756 lab*:Sat 0.9 1.0 0.364 lab*:eE 0.0 1.0 .96g	*relative Inform. Technology (IT)* olv3* 0.25 1.0 0.25 (1.0) cmpa* 0.75 0.0 0.75 (0.0) olv4* 0.25 1.0 0.5 1.0 cmpa4* 0.75 0.0 0.5 0.0 *standard and adapted CIELAB* LABP:Lab 86.57 -62.05 59.92 LABP:Tint 86.57 -62.05 59.92 LABP:Tint 62.5 84.31 145.65 *relative CIELAB lab** lab*:ab 0.907 -0.538 0.521 lab*:Sat 0.625 0.75 0.378 lab*:Tint 0.625 0.75 0.378 *relative Natural Color (NC)* lab*:Sj 0.907 -0.565 0.492 lab*:Sat 0.625 0.75 0.386 lab*:eE 0.0 0.75 .94g	*relative Inform. Technology (IT)* olv3* 0.25 1.0 0.5 (1.0) cmpa* 0.75 0.0 0.5 (0.0) olv4* 0.25 1.0 0.5 1.0 cmpa4* 0.75 0.0 0.5 0.0 *standard and adapted CIELAB* LABP:Lab 87.38 -52.9 36.55 LABP:Tint 87.38 -52.9 36.55 LABP:Tint 62.5 64.31 145.65 *relative CIELAB lab** lab*:ab 0.916 -0.649 0.426 lab*:Sat 0.625 0.75 0.404 lab*:Tint 0.625 0.75 0.404 *relative Natural Color (NC)* lab*:Sj 0.916 -0.649 0.375 lab*:Sat 0.625 0.75 0.404 lab*:eE 0.0 0.75 .94g	*relative Inform. Technology (IT)* olv3* 0.25 1.0 0.75 (1.0) cmpa* 0.75 0.0 0.25 (0.0) olv4* 0.25 1.0 0.75 1.0 cmpa4* 0.75 0.0 0.25 0.0 *standard and adapted CIELAB* LABP:Lab 88.19 -43.76 13.19 LABP:Tint 88.19 -43.76 13.19 LABP:Tint 62.5 45.71 163.3 *relative CIELAB lab** lab*:ab 0.924 -0.717 0.216 lab*:Sat 0.625 0.75 0.453 lab*:Tint 0.625 0.75 0.453 *relative Natural Color (NC)* lab*:Sj 0.924 -0.74 0.117 lab*:Sat 0.625 0.75 0.475 lab*:eE 0.0 0.75 .96g	*relative Inform. Technology (IT)* olv3* 0.25 1.0 1.0 (1.0) cmpa* 0.75 0.0 0.0 (0.0) olv4* 0.25 1.0 1.0 1.0 cmpa4* 0.75 0.0 0.0 0.0 *standard and adapted CIELAB* LABP:Lab 89.0 -34.61 -10.16 LABP:Tint 89.0 -34.61 -10.16 LABP:Tint 62.5 36.09 196.37 *relative CIELAB lab** lab*:ab 0.933 -0.719 -0.21 lab*:Sat 0.625 0.75 0.545 lab*:Tint 0.625 0.75 0.545 *relative Natural Color (NC)* lab*:Sj 0.933 -0.707 -0.247 lab*:Sat 0.625 0.75 0.554 lab*:eE 0.0 0.75 g21b

(olv3* = 0.25, 1, 0)

LE400~7. Test chart file with 5x5x5 (=125) colours; Device dependent colour coordinates olv3* of ISO/IEC 15775:1999 as input; r3* = a3* = 0.25 = const.

BAM-test chart no. LE40; Television Luminous System (TLS)
125 colours in CIELAB and three relative device systems (DS)

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

See for similar files: http://www.ps.bam.de/LE40/
Technical information: http://www.ps.bam.de Version 2.1, to=1.1

BAM registration: 20040901-LE40/L40E00N2.PS/.TXT
application for measurement of printer or monitor systems

BAM material: code=ha4ta

/LE400 Form: 2/5, Scale: 1/1, Page: 1 Page count: 1