www.ps.bam.de/LE40/L40E00N3.PS/.TXT; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

See for similar files: http://www.ps.bam.de/LE40/
Technical information: http://www.ps.bam.de

Version 2.1, ío=1.1

BAM registration: 20040901-LE40/L40E00N3.PS/.TXT
application for measurement of printer or monitor systems

BAM material: code=tha4ta

/LE40/ Form: 3/5, Serie: 1/1, Page: 1 Page count: 1

(olv3* = 0.5, l3*, v3*)

(olv3* = 0.5, 0, 1)

System: TLS00

	A	B	C	D	E
c01	**relative Inform. Technology (IT)** olv3* 0.5 1.0 0.5 (1.0) cmyw* 0.5 1.0 0.5 (1.0) olv4* 1.0 0.5 0.5 0.5 cmyw* 0.0 0.5 0.5 0.5 ***standard and adopted CIELAB*** LAB*Lab 50.00 0.00 0.00 LAB*Lab 25.26 38.45 32.27 LAB*Ch3m 25.69 59.2 40.0 ***relative CIELAB hab*** hab*hab 0.265 0.383 0.321 hab*ch 0.25 0.5 0.286 hab*ch 0.5 0.5 0.111 **relative Natural Color (NC)** hab*Nc 0.265 0.407 0.312 hab*cc 0.25 0.5 0.036 hab*cc 0.5 0.5 (14)	**relative Inform. Technology (IT)** olv3* 0.5 1.0 0.5 (1.0) cmyw* 0.5 1.0 0.5 (1.0) olv4* 1.0 0.5 0.75 0.5 cmyw* 0.0 0.5 0.25 0.5 ***standard and adopted CIELAB*** LAB*Lab 50.00 0.00 0.00 LAB*Lab 26.96 42.81 5.54 LAB*Ch3m 25.69 42.84 2.06 ***relative CIELAB hab*** hab*hab 0.282 0.5 0.018 hab*ch 0.25 0.5 0.286 hab*ch 0.5 0.5 0.086 **relative Natural Color (NC)** hab*Nc 0.282 0.461 -0.235 hab*cc 0.25 0.5 0.329 hab*cc 0.5 0.5 0.77	**relative Inform. Technology (IT)** olv3* 0.5 1.0 0.5 (1.0) cmyw* 0.5 1.0 0.5 (1.0) olv4* 1.0 0.5 0.5 0.5 cmyw* 0.0 0.5 0.25 0.5 ***standard and adopted CIELAB*** LAB*Lab 50.00 0.00 0.00 LAB*Lab 28.66 47.17 -29.19 LAB*Ch3m 25.01 55.47 328.23 ***relative CIELAB hab*** hab*hab 0.5 0.425 -0.262 hab*ch 0.25 0.5 0.286 hab*ch 0.5 0.5 0.912 **relative Natural Color (NC)** hab*Nc 0.293 0.281 -0.412 hab*cc 0.25 0.5 0.845 hab*cc 0.5 0.5 0.59	**relative Inform. Technology (IT)** olv3* 0.5 1.0 0.5 (1.0) cmyw* 0.5 1.0 0.5 (1.0) olv4* 0.75 0.25 1.0 0.75 cmyw* 0.25 0.75 0.0 0.25 ***standard and adopted CIELAB*** LAB*Lab 50.00 0.00 0.00 LAB*Lab 36.22 66.18 -53.08 LAB*Ch3m 37.51 86.11 320.22 ***relative CIELAB hab*** hab*hab 0.38 0.576 -0.479 hab*ch 0.25 0.5 0.286 hab*ch 0.5 0.75 0.09 **relative Natural Color (NC)** hab*Nc 0.38 0.342 -0.667 hab*cc 0.375 0.75 0.825 hab*cc 0.5 0.75 0.59	**relative Inform. Technology (IT)** olv3* 0.5 1.0 0.5 (1.0) cmyw* 0.5 1.0 0.5 (1.0) olv4* 0.5 0.0 1.0 1.0 cmyw* 0.5 0.0 0.0 0.0 ***standard and adopted CIELAB*** LAB*Lab 50.00 0.00 0.00 LAB*Lab 61.02 85.19 -60.97 LAB*Ch3m 50.0 117.54 316.45 ***relative CIELAB hab*** hab*hab 0.459 0.735 -0.688 hab*ch 0.25 0.5 0.286 hab*ch 0.0 1.0 0.879 **relative Natural Color (NC)** hab*Nc 0.459 0.692 -0.914 hab*cc 0.5 1.0 0.816 hab*cc 0.0 1.0 0.59
c02	**relative Inform. Technology (IT)** olv3* 0.5 0.25 0.0 (1.0) cmyw* 0.5 0.25 0.0 (1.0) olv4* 1.0 0.75 0.5 0.5 cmyw* 0.0 0.25 0.5 0.5 ***standard and adopted CIELAB*** LAB*Lab 35.8 14.66 38.82 LAB*Ch3m 35.8 14.66 38.82 LAB*Ch3m 25.69 41.38 70.09 ***relative CIELAB hab*** hab*hab 0.375 0.17 0.47 hab*ch 0.25 0.5 0.395 hab*ch 0.5 0.5 0.395 **relative Natural Color (NC)** hab*Nc 0.375 0.17 0.47 hab*cc 0.25 0.5 0.154 hab*cc 0.5 0.5 (61)	**relative Inform. Technology (IT)** olv3* 0.5 0.25 0.25 (1.0) cmyw* 0.5 0.25 0.25 (1.0) olv4* 1.0 0.75 0.75 0.5 cmyw* 0.0 0.25 0.25 0.5 ***standard and adopted CIELAB*** LAB*Lab 36.48 19.23 16.14 LAB*Ch3m 36.48 19.23 16.14 LAB*Ch3m 37.5 25.1 40.0 ***relative CIELAB hab*** hab*hab 0.382 0.192 0.161 hab*ch 0.375 0.25 0.111 hab*ch 0.5 0.25 0.111 **relative Natural Color (NC)** hab*Nc 0.382 0.192 0.056 hab*cc 0.375 0.25 0.056 hab*cc 0.5 0.25 (14)	**relative Inform. Technology (IT)** olv3* 0.5 0.25 0.5 (1.0) cmyw* 0.5 0.25 0.5 (1.0) olv4* 1.0 0.75 1.0 0.5 cmyw* 0.0 0.25 0.0 0.5 ***standard and adopted CIELAB*** LAB*Lab 38.18 23.59 -14.6 LAB*Ch3m 38.18 23.59 -14.6 LAB*Ch3m 37.5 27.74 328.24 ***relative CIELAB hab*** hab*hab 0.4 0.213 -0.131 hab*ch 0.375 0.25 0.912 hab*ch 0.5 0.25 0.912 **relative Natural Color (NC)** hab*Nc 0.4 0.213 -0.036 hab*cc 0.375 0.25 0.38 hab*cc 0.5 0.25 0.38b	**relative Inform. Technology (IT)** olv3* 0.5 0.25 0.75 (1.0) cmyw* 0.5 0.25 0.75 (1.0) olv4* 0.75 0.5 1.0 0.75 cmyw* 0.25 0.5 0.0 0.25 ***standard and adopted CIELAB*** LAB*Lab 45.78 42.6 -40.49 LAB*Ch3m 45.78 42.6 -40.49 LAB*Ch3m 50.0 58.78 316.45 ***relative CIELAB hab*** hab*hab 0.48 0.362 -0.343 hab*ch 0.5 0.5 0.879 hab*ch 0.25 0.5 0.879 **relative Natural Color (NC)** hab*Nc 0.48 0.362 -0.343 hab*cc 0.5 0.5 0.879 hab*cc 0.25 0.5 b26z	**relative Inform. Technology (IT)** olv3* 0.5 0.25 1.0 (1.0) cmyw* 0.5 0.25 1.0 (1.0) olv4* 0.5 0.25 1.0 1.0 cmyw* 0.5 0.75 0.0 0.0 ***standard and adopted CIELAB*** LAB*Lab 53.37 61.61 -66.37 LAB*Ch3m 53.37 61.61 -66.37 LAB*Ch3m 62.5 90.57 312.86 ***relative CIELAB hab*** hab*hab 0.538 0.51 -0.549 hab*ch 0.625 0.75 0.860 hab*ch 0.5 0.75 0.860 **relative Natural Color (NC)** hab*Nc 0.538 0.51 -0.701 hab*cc 0.625 0.75 0.807 hab*cc 0.5 0.75 b22z
c03	**relative Inform. Technology (IT)** olv3* 0.5 0.5 0.0 (1.0) cmyw* 0.5 0.5 1.0 (0.0) olv4* 0.5 0.5 0.5 0.5 cmyw* 0.0 0.0 0.25 0.5 ***standard and adopted CIELAB*** LAB*Lab 46.34 -33.34 45.37 LAB*Lab 46.34 -33.34 45.37 LAB*Ch3m 56.8 40.4 53.1 ***relative CIELAB hab*** hab*hab 0.5 -0.511 0.487 hab*ch 0.25 0.5 0.286 hab*ch 0.5 0.5 0.286 **relative Natural Color (NC)** hab*Nc 0.486 -0.685 0.492 hab*cc 0.25 0.5 0.329 hab*cc 0.5 0.5 (14)	**relative Inform. Technology (IT)** olv3* 0.5 0.5 0.25 (1.0) cmyw* 0.5 0.5 0.75 (0.0) olv4* 0.5 0.5 0.25 0.5 cmyw* 0.0 0.0 0.25 0.5 ***standard and adopted CIELAB*** LAB*Lab 47.02 -5.17 22.69 LAB*Lab 47.02 -5.17 22.69 LAB*Ch3m 57.5 23.27 102.85 ***relative CIELAB hab*** hab*hab 0.469 -0.055 0.244 hab*ch 0.375 0.25 0.286 hab*ch 0.5 0.25 0.286 **relative Natural Color (NC)** hab*Nc 0.483 -0.042 0.246 hab*cc 0.375 0.25 0.329 hab*cc 0.5 0.25 (14)	**relative Inform. Technology (IT)** olv3* 0.5 0.5 0.5 (1.0) cmyw* 0.5 0.5 0.5 (0.0) olv4* 0.5 0.5 0.5 0.5 cmyw* 0.0 0.0 0.5 0.5 ***standard and adopted CIELAB*** LAB*Lab 47.77 0.0 0.0 LAB*Lab 47.72 0.0 0.0 LAB*Ch3m 50.0 0.0 0.0 ***relative CIELAB hab*** hab*hab 0.5 0.0 0.0 hab*ch 0.5 0.0 0.0 **relative Natural Color (NC)** hab*Nc 0.5 0.0 0.0 hab*cc 0.5 0.0 - hab*cc 0.5 0.0 -	**relative Inform. Technology (IT)** olv3* 0.5 0.5 0.75 (1.0) cmyw* 0.5 0.5 0.25 (0.0) olv4* 0.5 0.5 0.75 0.5 cmyw* 0.0 0.0 0.25 0.5 ***standard and adopted CIELAB*** LAB*Lab 55.31 19.01 -25.69 LAB*Lab 55.31 19.01 -25.69 LAB*Ch3m 62.5 32.13 306.24 ***relative CIELAB hab*** hab*hab 0.538 0.248 -0.201 hab*ch 0.625 0.25 0.851 hab*ch 0.25 0.25 0.851 **relative Natural Color (NC)** hab*Nc 0.58 0.063 -0.241 hab*cc 0.625 0.25 0.807 hab*cc 0.25 0.25 b26z	**relative Inform. Technology (IT)** olv3* 0.5 0.5 0.5 (1.0) cmyw* 0.5 0.5 0.5 (0.0) olv4* 0.5 0.5 0.5 0.5 cmyw* 0.0 0.0 0.5 0.5 ***standard and adopted CIELAB*** LAB*Lab 38.02 -31.77 LAB*Lab 38.02 -31.77 LAB*Ch3m 62.9 38.02 -51.77 LAB*Ch3m 62.9 38.02 -51.77 LAB*Ch3m 75.0 64.24 306.29 ***relative CIELAB hab*** hab*hab 0.5 -0.489 -0.201 hab*ch 0.625 0.75 0.851 hab*ch 0.0 0.5 0.851 **relative Natural Color (NC)** hab*Nc 0.629 0.127 -0.483 hab*cc 0.625 0.75 0.807 hab*cc 0.0 0.5 b26z
c04	**relative Inform. Technology (IT)** olv3* 0.5 0.75 0.0 (1.0) cmyw* 0.5 0.25 1.0 (0.0) olv4* 0.75 1.0 0.25 0.75 cmyw* 0.25 0.0 0.75 0.25 ***standard and adopted CIELAB*** LAB*Lab 57.14 -31.03 65.14 LAB*Lab 57.14 -31.03 65.14 LAB*Ch3m 37.51 72.34 115.41 ***relative CIELAB hab*** hab*hab 0.785 -0.321 0.677 hab*ch 0.75 0.5 0.329 hab*ch 0.25 0.75 0.321 **relative Natural Color (NC)** hab*Nc 0.785 -0.313 0.681 hab*cc 0.375 0.75 0.319 hab*cc 0.25 0.75 27g	**relative Inform. Technology (IT)** olv3* 0.5 0.75 0.25 (1.0) cmyw* 0.5 0.25 0.75 (0.0) olv4* 0.75 1.0 0.5 0.75 cmyw* 0.25 0.0 0.25 0.25 ***standard and adopted CIELAB*** LAB*Lab 47.03 -25.86 42.66 LAB*Lab 47.03 -25.86 42.66 LAB*Ch3m 50.0 49.89 121.23 ***relative CIELAB hab*** hab*hab 0.712 -0.238 0.428 hab*ch 0.75 0.5 0.329 hab*ch 0.25 0.5 0.337 **relative Natural Color (NC)** hab*Nc 0.712 -0.241 0.426 hab*cc 0.5 0.5 0.338 hab*cc 0.25 0.5 j56g	**relative Inform. Technology (IT)** olv3* 0.5 0.75 0.5 (1.0) cmyw* 0.5 0.25 0.5 (0.0) olv4* 0.75 1.0 0.75 0.75 cmyw* 0.25 0.0 0.25 0.25 ***standard and adopted CIELAB*** LAB*Lab 58.61 -20.68 10.98 LAB*Lab 58.61 -20.68 10.98 LAB*Ch3m 62.5 28.76 156.01 ***relative CIELAB hab*** hab*hab 0.719 -0.179 0.174 hab*ch 0.625 0.5 0.329 hab*ch 0.25 0.5 0.329 **relative Natural Color (NC)** hab*Nc 0.719 -0.184 0.164 hab*cc 0.625 0.25 0.386 hab*cc 0.25 0.25 j54g	**relative Inform. Technology (IT)** olv3* 0.5 0.75 0.75 (1.0) cmyw* 0.5 0.25 0.25 (0.0) olv4* 0.75 1.0 1.0 0.75 cmyw* 0.25 0.0 0.0 0.25 ***standard and adopted CIELAB*** LAB*Lab 62.5 12.03 196.37 LAB*Lab 62.5 12.03 196.37 ***relative CIELAB hab*** hab*hab 0.728 -0.239 -0.669 hab*ch 0.625 0.5 0.329 hab*ch 0.25 0.25 0.546 **relative Natural Color (NC)** hab*Nc 0.728 -0.25 -0.882 hab*cc 0.625 0.25 0.514 hab*cc 0.25 0.25 j27b	**relative Inform. Technology (IT)** olv3* 0.5 0.75 1.0 (1.0) cmyw* 0.5 0.25 0.0 (0.0) olv4* 0.5 0.75 1.0 1.0 cmyw* 0.5 0.25 0.0 0.0 ***standard and adopted CIELAB*** LAB*Lab 77.92 7.85 -26.26 LAB*Lab 77.92 7.85 -26.26 LAB*Ch3m 75.0 20.21 284.31 ***relative CIELAB hab*** hab*hab 0.807 0.124 -0.483 hab*ch 0.75 0.5 0.329 hab*ch 0.0 0.5 0.79 **relative Natural Color (NC)** hab*Nc 0.807 0.124 -0.498 hab*cc 0.75 0.5 0.738 hab*cc 0.0 0.5 g92b
c05	**relative Inform. Technology (IT)** olv3* 0.5 1.0 0.0 (1.0) cmyw* 0.5 0.0 1.0 (0.0) olv4* 0.5 1.0 0.0 1.0 cmyw* 0.5 0.0 1.0 0.0 ***standard and adopted CIELAB*** LAB*Lab 88.14 -21.71 85.31 LAB*Lab 88.14 -21.71 85.31 LAB*Ch3m 50.0 89.76 121.23 ***relative CIELAB hab*** hab*hab 0.924 -0.517 0.855 hab*ch 0.5 1.0 0.337 hab*ch 0.5 0.0 0.337 **relative Natural Color (NC)** hab*Nc 0.924 -0.523 0.852 hab*cc 0.5 1.0 0.338 hab*cc 0.0 1.0 j56g	**relative Inform. Technology (IT)** olv3* 0.5 1.0 0.25 (1.0) cmyw* 0.5 0.0 0.75 (0.0) olv4* 0.5 1.0 0.25 1.0 cmyw* 0.5 0.0 0.75 0.0 ***standard and adopted CIELAB*** LAB*Lab 88.83 -46.54 62.63 LAB*Lab 88.83 -46.54 62.63 LAB*Ch3m 62.5 78.01 126.62 ***relative CIELAB hab*** hab*hab 0.931 -0.446 0.692 hab*ch 0.625 0.75 0.352 hab*ch 0.625 0.25 0.352 **relative Natural Color (NC)** hab*Nc 0.931 -0.446 0.591 hab*cc 0.625 0.75 0.351 hab*cc 0.0 0.75 j42g	**relative Inform. Technology (IT)** olv3* 0.5 1.0 0.5 (1.0) cmyw* 0.5 0.0 0.5 (0.0) olv4* 0.5 1.0 0.5 1.0 cmyw* 0.5 0.0 0.5 0.0 ***standard and adopted CIELAB*** LAB*Lab 75.0 57.51 130.61 LAB*Lab 75.0 57.51 130.61 ***relative CIELAB hab*** hab*hab 0.938 -0.337 0.347 hab*ch 0.75 0.5 0.378 hab*ch 0.25 0.5 0.378 **relative Natural Color (NC)** hab*Nc 0.938 -0.376 0.328 hab*cc 0.75 0.5 0.386 hab*cc 0.25 0.5 j54g	**relative Inform. Technology (IT)** olv3* 0.5 1.0 0.75 (1.0) cmyw* 0.5 0.0 0.25 (0.0) olv4* 0.5 1.0 0.75 1.0 cmyw* 0.5 0.0 0.25 0.0 ***standard and adopted CIELAB*** LAB*Lab 90.32 -22.21 16.58 LAB*Lab 90.32 -22.21 16.58 LAB*Ch3m 75.0 26.24 143.39 ***relative CIELAB hab*** hab*hab 0.947 -0.444 0.229 hab*ch 0.75 0.5 0.424 hab*ch 0.25 0.5 0.424 **relative Natural Color (NC)** hab*Nc 0.947 -0.465 0.181 hab*cc 0.75 0.5 0.441 hab*cc 0.25 0.5 j74g	**relative Inform. Technology (IT)** olv3* 0.5 1.0 1.0 (1.0) cmyw* 0.5 0.0 0.0 (0.0) olv4* 0.5 1.0 1.0 1.0 cmyw* 0.5 0.0 0.0 0.0 ***standard and adopted CIELAB*** LAB*Lab 91.11 -23.07 -6.77 LAB*Lab 91.11 -23.07 -6.77 LAB*Ch3m 75.0 24.06 196.37 ***relative CIELAB hab*** hab*hab 0.95 -0.479 -0.14 hab*ch 0.75 0.5 0.545 hab*ch 0.25 0.5 0.545 **relative Natural Color (NC)** hab*Nc 0.95 -0.471 -0.164 hab*cc 0.75 0.5 0.554 hab*cc 0.0 0.5 g21b

(olv3* = 0.5, 1, 0)

LE400~7. Test chart file with 5x5x5 (=125) colours; Device dependent colour coordinates olv3* of ISO/IEC 15775:1999 as input; r3* = o3* = 0.5 = 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*