

| %Xn                                                                                                                      | Yn      | Zn      | X0      | Y0      | Z0      | X1      | Y1      | Z1      | DV      | dE*ab | dE*76 | dE*94 | dE*CM | dE*00   | dE*85 | NR       | L*0 | a*0 | b*0 | C*0 | h0  | L*1 | a*1 | b*1 | C*1 | h1  | CODE    | % |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|-------|-------|-------|---------|-------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|---|
| %1000*(CIEXYZ & DV) for all colours (a) of experiment, iimp=98, colour difference pairs MA_LC098, xchart3=0, xchart4=0 % |         |         |         |         |         |         |         |         |         |       |       |       |       |         |       |          |     |     |     |     |     |     |     |     |     |     |         |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0037416 | 0046323 | 0059435 | 0070188 | 0075432 | 0060812 | 0033544 | 03505 | 03408 | 02580 | 02778 | 02514   | 14535 | 54000001 | 74  | -19 | -17 | 26  | 221 | 90  | -2  | 8   | 8   | 104 | (CW_W)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0037416 | 0046323 | 0059435 | 0017219 | 0026573 | 0053545 | 0032749 | 03123 | 03057 | 01972 | 01697 | 01574   | 16491 | 54000002 | 74  | -19 | -17 | 26  | 221 | 59  | -37 | -37 | 53  | 224 | (CW-C)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0027079 | 0026226 | 0037489 | 0070173 | 0075418 | 0060694 | 0042626 | 04388 | 04297 | 03831 | 03577 | 03365   | 25865 | 54000003 | 58  | 9   | -19 | 21  | 296 | 90  | -2  | 8   | 9   | 104 | (VW-W)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0027079 | 0026226 | 0037489 | 0006844 | 0005494 | 0017846 | 0038258 | 03700 | 03649 | 03202 | 03171 | 02918   | 33841 | 54000004 | 58  | 9   | -19 | 21  | 296 | 28  | 18  | -39 | 43  | 295 | (VW-V)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0046938 | 0038265 | 0036669 | 0070231 | 0075461 | 0060548 | 0040794 | 04249 | 04231 | 02996 | 03124 | 02963   | 17529 | 54000005 | 68  | 33  | -1  | 33  | 357 | 90  | -2  | 8   | 9   | 103 | (MW-W)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0046938 | 0038265 | 0036669 | 0029153 | 0016396 | 0018216 | 0039509 | 03780 | 03772 | 02435 | 02164 | 02127   | 20465 | 54000006 | 68  | 33  | -1  | 33  | 357 | 48  | 64  | -6  | 64  | 354 | (MW-M)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0045488 | 0038090 | 0019729 | 0070671 | 0075886 | 0061105 | 0038450 | 04197 | 04158 | 02722 | 03222 | 02841   | 17903 | 54000007 | 68  | 29  | 25  | 39  | 41  | 90  | -2  | 8   | 9   | 103 | (OW_W)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0045488 | 0038090 | 0019729 | 0027376 | 0016118 | 0003052 | 0044238 | 04071 | 04025 | 02453 | 02219 | 02156   | 20864 | 54000008 | 68  | 29  | 25  | 39  | 41  | 47  | 58  | 44  | 73  | 37  | (OW-O)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0060343 | 0064297 | 0020892 | 0070217 | 0075535 | 0060299 | 0045025 | 04230 | 04023 | 01406 | 02131 | 01838   | 08358 | 54000009 | 84  | 0   | 51  | 51  | 90  | 90  | -2  | 9   | 9   | 104 | (YW-W)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0060343 | 0064297 | 0020892 | 0059918 | 0063786 | 0060680 | 0034665 | 03738 | 03553 | 01131 | 01260 | 00902   | 02978 | 54000010 | 84  | 0   | 51  | 51  | 90  | 84  | 0   | 88  | 88  | 90  | (YW-Y)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0029127 | 0039628 | 0023333 | 0070554 | 0075886 | 0060812 | 0035224 | 03601 | 03578 | 02438 | 02361 | 02275   | 16403 | 54000011 | 69  | -29 | 20  | 36  | 144 | 90  | -2  | 9   | 9   | 104 | (LW-W)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0029127 | 0039628 | 0023333 | 0009496 | 0018447 | 0005754 | 0033573 | 03277 | 03247 | 02168 | 01918 | 01885   | 17990 | 54000012 | 69  | -29 | 20  | 36  | 144 | 50  | -52 | 34  | 62  | 146 | (LW-L)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0004654 | 0004259 | 0008408 | 0006928 | 0005486 | 0018331 | 0019942 | 02330 | 02240 | 01222 | 01195 | 00926   | 10014 | 54000013 | 25  | 8   | -19 | 21  | 293 | 28  | 19  | -40 | 44  | 295 | (CN-C)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0004654 | 0004259 | 0008408 | 0003321 | 0003553 | 0003273 | 0025588 | 02222 | 02134 | 01210 | 01859 | 01615   | 09914 | 54000014 | 25  | 8   | -19 | 21  | 293 | 22  | 0   | 0   | 0   | 151 | (CN-N)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0010916 | 0006740 | 0008170 | 0028837 | 0016049 | 0017909 | 0034123 | 03721 | 03712 | 01991 | 01970 | 01626   | 15218 | 54000015 | 33  | 30  | -3  | 30  | 353 | 47  | 64  | -6  | 65  | 354 | (VN-V)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0010916 | 0007740 | 0008170 | 0003273 | 0003491 | 0003220 | 0036234 | 03314 | 03308 | 01786 | 02665 | 02581   | 14511 | 54000016 | 33  | 30  | -3  | 30  | 353 | 22  | 0   | 0   | 0   | 145 | (VN-N)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0010472 | 0007637 | 0003056 | 0026973 | 0015825 | 0003002 | 0037976 | 04110 | 04038 | 02025 | 02026 | 01638   | 15219 | 54000017 | 33  | 28  | 20  | 34  | 36  | 47  | 58  | 44  | 73  | 37  | (MN-M)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0010472 | 0007637 | 0003056 | 0003277 | 0003500 | 0003211 | 0040003 | 03687 | 03629 | 01809 | 02771 | 02440   | 15096 | 54000018 | 33  | 28  | 20  | 34  | 36  | 22  | 0   | 0   | 0   | 140 | (MN-N)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0010472 | 0007637 | 0003056 | 0026973 | 0015825 | 0003002 | 0037430 | 04110 | 04038 | 02025 | 02026 | 01638   | 15219 | 54000019 | 33  | 28  | 20  | 34  | 36  | 47  | 58  | 44  | 73  | 37  | (ON-O)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0010472 | 0007637 | 0003056 | 0003277 | 0003500 | 0003211 | 0040549 | 03687 | 03629 | 01809 | 02771 | 02440   | 15096 | 54000020 | 33  | 28  | 20  | 34  | 36  | 22  | 0   | 0   | 0   | 140 | (ON-N)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0018224 | 0019565 | 0004769 | 0059874 | 0063668 | 0007187 | 0049516 | 05554 | 05373 | 03601 | 03013 | 02832   | 25662 | 54000021 | 51  | -1  | 41  | 41  | 91  | 84  | 0   | 86  | 86  | 90  | (YN-Y)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0018224 | 0019565 | 0004769 | 0003367 | 0003599 | 0003274 | 0056515 | 05048 | 04883 | 03241 | 04001 | 03237   | 29738 | 54000022 | 51  | -1  | 41  | 41  | 91  | 22  | 0   | 0   | 0   | 131 | (YN-N)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0005410 | 0008321 | 0004352 | 0009641 | 0018384 | 0006245 | 0032089 | 03404 | 03357 | 02009 | 01982 | 01718   | 16262 | 54000023 | 35  | -25 | 15  | 29  | 148 | 50  | -50 | 32  | 60  | 147 | (LN-L)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0005410 | 0008321 | 0004352 | 0003304 | 0003532 | 0003239 | 0033667 | 03171 | 03134 | 01768 | 02584 | 02232   | 15307 | 54000024 | 35  | -25 | 15  | 29  | 148 | 22  | 0   | 0   | 0   | 142 | (LN-N)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0017854 | 0027502 | 0053882 | 0071213 | 0076604 | 0061163 | 0058480 | 06569 | 06408 | 03971 | 04055 | 03807   | 29475 | 54000025 | 59  | -38 | -36 | 52  | 223 | 90  | -2  | 9   | 9   | 104 | (C-W)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0017854 | 0027502 | 0053882 | 0003438 | 0003664 | 0003318 | 0071766 | 06455 | 06346 | 04037 | 04722 | 04143   | 36448 | 54000026 | 59  | -38 | -36 | 52  | 223 | 23  | 0   | 0   | 0   | 117 | (C-N)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0007208 | 0005756 | 0018396 | 0071023 | 0076370 | 0060914 | 0074273 | 08096 | 07953 | 06698 | 06144 | 06345   | 51303 | 54000027 | 29  | 19  | -39 | 43  | 295 | 90  | -2  | 9   | 9   | 103 | (V-W)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0007208 | 0005756 | 0018396 | 0003463 | 0003686 | 0003330 | 0051400 | 04471 | 04295 | 01722 | 02755 | 02397   | 20011 | 54000028 | 29  | 19  | -39 | 43  | 295 | 23  | 0   | 0   | 0   | 111 | (V-N)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0029710 | 0016786 | 0018810 | 0070759 | 0076047 | 0060812 | 0064826 | 08020 | 07993 | 04874 | 04824 | 04493   | 34725 | 54000029 | 48  | 64  | -6  | 64  | 353 | 90  | -2  | 9   | 9   | 103 | (M-W)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0029710 | 0016786 | 0018810 | 0003503 | 0003712 | 0003314 | 0084887 | 06950 | 06934 | 03068 | 04219 | 03419   | 28403 | 54000030 | 48  | 64  | -6  | 64  | 353 | 23  | 0   | 0   | 0   | 92  | (W-N)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0027668 | 0016382 | 0003198 | 0071008 | 0076326 | 0061090 | 0075670 | 08212 | 08130 | 04711 | 05050 | 04551   | 35405 | 54000031 | 47  | 58  | 44  | 73  | 37  | 90  | -2  | 9   | 9   | 103 | (O-W)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0027668 | 0016382 | 0003198 | 0003517 | 0003737 | 0003368 | 0086335 | 07718 | 07589 | 03015 | 04353 | 03463   | 28824 | 54000032 | 47  | 58  | 44  | 73  | 37  | 23  | 0   | 0   | 0   | 103 | (O-N)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0060738 | 0064723 | 0007054 | 0071228 | 0076604 | 0060900 | 0068301 | 07909 | 07518 | 01706 | 03143 | 02516   | 11063 | 54000033 | 84  | 0   | 88  | 88  | 90  | 90  | -2  | 9   | 9   | 103 | (Y-W)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0060738 | 0064723 | 0007054 | 0003416 | 0003636 | 0003226 | 0117806 | 10701 | 10350 | 06432 | 06557 | 06665   | 44058 | 54000034 | 84  | 0   | 88  | 88  | 90  | 22  | 0   | 1   | 1   | 104 | (Y-N)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0010048 | 0019139 | 0005958 | 0071008 | 0076384 | 0060856 | 0059820 | 06772 | 06718 | 04249 | 04014 | 03781   | 31188 | 54000035 | 51  | -51 | 35  | 62  | 145 | 90  | -2  | 9   | 9   | 104 | (L-W)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0010048 | 0019139 | 0005958 | 0003400 | 0003661 | 0003302 | 0075519 | 06761 | 06668 | 03263 | 04302 | 03506   | 29810 | 54000036 | 51  | -51 | 35  | 62  | 145 | 23  | 0   | 0   | 0   | 119 | (L-N)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0007343 | 0005864 | 0018463 | 0029563 | 0016748 | 0018535 | 0060324 | 05835 | 05739 | 03696 | 03507 | 03159   | 29015 | 54000037 | 29  | 19  | -38 | 43  | 296 | 48  | 63  | -6  | 64  | 354 | (V-C)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0007343 | 0005864 | 0018463 | 0017934 | 0027561 | 0053721 | 0062786 | 06475 | 06466 | 04589 | 04639 | 04444   | 32682 | 54000038 | 29  | 19  | -38 | 43  | 296 | 59  | -37 | -36 | 52  | 223 | (V-M)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0027650 | 0016360 | 0003097 | 0060768 | 0064810 | 0007181 | 0064158 | 08218 | 08098 | 05042 | 06181 | 05142   | 31718 | 54000039 | 47  | 58  | 45  | 73  | 37  | 84  | -1  | 88  | 88  | 90  | (O-M)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0027650 | 0016360 | 0003097 | 0029871 | 0018682 | 0018920 | 0088410 | 05239 | 04984 | 02456 | 02318 | 02568   | 13176 | 54000040 | 47  | 58  | 45  | 73  | 37  | 48  | 64  | -6  | 64  | 353 | (O-Y)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0009962 | 0018966 | 0005857 | 0060431 | 0064342 | 0007089 | 0077759 | 08001 | 07825 | 04903 | 04174 | 04150   | 27708 | 54000041 | 51  | -50 | 35  | 62  | 145 | 84  | 0   | 87  | 87  | 90  | (L-Y)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0009962 | 0018966 | 0005857 | 0017546 | 0027143 | 0052959 | 0075309 | 07305 | 06958 | 03828 | 03573 | 04048   | 24613 | 54000042 | 51  | -50 | 35  | 62  | 145 | 59  | -38 | -36 | 52  | 223 | (L-C)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0017816 | 0027464 | 0053882 | 0010048 | 0019185 | 0005889 | 0064789 | 07389 | 07039 | 04156 | 03603 | 04084</ |       |          |     |     |     |     |     |     |     |     |     |     |         |   |