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technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

| Cod.      | i  | [X, Y, Z, x, y] <sub>100</sub> | [L*, a*, b*, C*] <sub>ab</sub> <sup>h</sup> <sub>ab</sub> <sup>a'</sup> <sub>ab</sub> <sup>b'</sup> <sub>ab</sub> <sup>c'</sup> <sub>ab</sub> <sup>100</sup> | [Y, A, B, C] <sub>AB</sub> <sup>h</sup> <sub>AB</sub> <sup>a<sub>AB</sub><sup>b<sub>AB</sub><sup>100</sup></sup></sup> | [i <sub>a</sub> <sup>i</sup> , i <sub>c</sub> <sup>c</sup> , i <sub>λ</sub> <sup>λ</sup> ] <sub>100</sub> | [X, Y, Z] <sub>89</sub>         | [L*, a*, b*, C*] <sub>ab</sub> <sup>h</sup> <sub>ab</sub> <sup>a'</sup> <sub>ab</sub> <sup>b'</sup> <sub>ab</sub> <sup>c'</sup> <sub>ab</sub> <sup>89</sup> | [Y, A, B, C] <sub>AB</sub> <sup>h</sup> <sub>AB</sub> <sup>a<sub>AB</sub><sup>b<sub>AB</sub><sup>89</sup></sup></sup> |                |                            |                           |
|-----------|----|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------|----------------------------|---------------------------|
| 0005-R00B | 00 | 90.8 93.9 98.6                 | 0.321 0.331                                                                                                                                                  | 97.6 3.0 2.3 3.8 37.5 0.217                                                                                            | -0.212 0.01                                                                                               | 93.9 1.7 1.4 2.2 40.8 0.967     | -0.419 0.025                                                                                                                                                | 87.3 16 587 483                                                                                                       | 80.4 83.2 87.3 | 93.1 2.9 2.2 3.6 37.5      | 83.2 1.5 1.3 1.9 40.8     |
| 0010-R00B | 01 | 87.2 88.1 90.0                 | 0.329 0.332                                                                                                                                                  | 95.2 6.7 4.0 7.8 30.7 0.218                                                                                            | -0.21 0.011                                                                                               | 88.1 3.5 2.3 4.2 33.3 0.99      | -0.408 0.049                                                                                                                                                | 38 16 592 484                                                                                                         | 77.3 78.1 79.8 | 90.8 6.4 3.8 7.4 30.7      | 78.1 3.1 2.1 3.8 33.3     |
| 0015-R00B | 02 | 83.9 82.6 82.3                 | 0.337 0.332                                                                                                                                                  | 92.8 10.7 5.3 12.0 26.5 0.22                                                                                           | -0.208 0.013                                                                                              | 82.6 5.5 3.0 6.2 28.5 1.016     | -0.398 0.076                                                                                                                                                | 39 17 597 485                                                                                                         | 74.3 73.1 72.9 | 88.5 10.3 5.1 11.5 26.5    | 73.1 4.9 2.6 5.5 28.5     |
| 0020-R00B | 03 | 80.7 77.2 75.3                 | 0.346 0.331                                                                                                                                                  | 90.4 14.9 6.6 16.3 23.8 0.222                                                                                          | -0.207 0.014                                                                                              | 77.2 7.4 3.5 8.2 25.2 1.045     | -0.389 0.106                                                                                                                                                | 40 17 600 485                                                                                                         | 71.4 68.4 66.7 | 86.2 14.3 6.3 15.6 23.8    | 68.4 6.5 3.1 7.2 25.2     |
| 0025-R00B | 04 | 77.4 72.0 68.5                 | 0.355 0.33                                                                                                                                                   | 88.0 18.8 7.8 20.4 22.5 0.225                                                                                          | -0.205 0.016                                                                                              | 72.0 9.0 3.9 9.8 23.5 1.074     | -0.38 0.137                                                                                                                                                 | 40 17 603 486                                                                                                         | 68.5 63.8 60.7 | 83.9 18.1 7.5 19.6 22.5    | 63.8 8.0 3.5 8.7 23.5     |
| 0030-R00B | 05 | 74.2 67.0 62.3                 | 0.365 0.329                                                                                                                                                  | 85.5 23.0 8.9 24.7 21.2 0.227                                                                                          | -0.203 0.019                                                                                              | 67.0 10.6 4.2 11.4 21.8 1.107   | -0.371 0.17                                                                                                                                                 | 41 17 606 486                                                                                                         | 65.7 59.4 55.2 | 81.5 22.1 8.6 23.7 21.2    | 59.4 9.4 3.7 10.1 21.8    |
| 0035-R00B | 06 | 70.8 62.2 56.3                 | 0.374 0.328                                                                                                                                                  | 83.0 26.7 10.1 28.6 20.7 0.229                                                                                         | -0.202 0.021                                                                                              | 62.2 11.8 4.5 12.6 21.0 1.139   | -0.361 0.203                                                                                                                                                | 41 17 608 486                                                                                                         | 62.7 55.1 49.9 | 79.1 25.7 9.7 27.4 20.7    | 55.1 10.4 4.0 11.2 21.0   |
| 0040-R00B | 07 | 67.5 57.5 50.7                 | 0.384 0.327                                                                                                                                                  | 80.5 30.6 11.3 32.6 20.3 0.231                                                                                         | -0.2 0.024                                                                                                | 57.5 12.9 4.8 13.8 20.2 1.174   | -0.351 0.24                                                                                                                                                 | 42 17 610 486                                                                                                         | 59.8 50.9 44.9 | 76.6 29.3 10.8 31.3 20.3   | 50.9 11.5 4.2 12.2 20.2   |
| 0045-R00B | 08 | 64.1 53.0 45.3                 | 0.395 0.326                                                                                                                                                  | 77.9 34.1 12.5 36.3 20.2 0.234                                                                                         | -0.198 0.027                                                                                              | 53.0 13.8 4.9 14.7 19.7 1.21    | -0.341 0.277                                                                                                                                                | 42 17 611 486                                                                                                         | 56.8 46.9 40.1 | 74.1 32.7 12.0 34.8 20.2   | 46.9 12.2 4.4 13.0 19.7   |
| 0050-R00B | 09 | 60.8 48.6 40.1                 | 0.407 0.325                                                                                                                                                  | 75.2 37.8 13.9 40.3 20.2 0.236                                                                                         | -0.195 0.03                                                                                               | 48.6 14.6 5.1 15.5 19.3 1.25    | -0.329 0.319                                                                                                                                                | 42 17 612 487                                                                                                         | 53.8 43.1 35.5 | 71.6 36.3 13.4 38.7 20.2   | 43.1 13.0 4.5 13.7 19.3   |
| 0055-R00B | 10 | 57.5 44.4 35.1                 | 0.42 0.324                                                                                                                                                   | 72.5 41.7 15.4 44.4 20.3 0.239                                                                                         | -0.193 0.034                                                                                              | 44.4 15.4 5.3 16.3 18.9 1.296   | -0.315 0.366                                                                                                                                                | 42 17 613 487                                                                                                         | 50.9 39.3 31.1 | 69.0 40.0 14.8 42.7 20.3   | 39.3 13.6 4.7 14.4 18.9   |
| 0060-R00B | 11 | 54.3 40.3 30.4                 | 0.435 0.322                                                                                                                                                  | 69.7 45.8 17.0 48.8 20.4 0.242                                                                                         | -0.19 0.038                                                                                               | 40.3 16.0 5.4 16.9 18.5 1.348   | -0.3 0.42                                                                                                                                                   | 43 17 615 487                                                                                                         | 48.1 35.7 26.9 | 66.3 43.9 16.3 46.9 20.4   | 35.7 14.2 4.8 15.0 18.5   |
| 0065-R00B | 12 | 51.1 36.3 25.9                 | 0.451 0.32                                                                                                                                                   | 66.7 50.0 18.7 53.3 20.5 0.246                                                                                         | -0.186 0.043                                                                                              | 36.3 16.6 5.4 17.5 18.1 1.407   | -0.284 0.481                                                                                                                                                | 43 17 616 487                                                                                                         | 45.2 32.2 22.9 | 63.5 48.0 18.0 51.2 20.5   | 32.2 14.7 4.8 15.5 18.1   |
| 0070-R00B | 13 | 47.9 32.5 21.7                 | 0.469 0.318                                                                                                                                                  | 63.7 54.4 20.6 58.2 20.7 0.25                                                                                          | -0.182 0.048                                                                                              | 32.5 17.1 5.4 17.9 17.7 1.475   | -0.266 0.552                                                                                                                                                | 43 17 618 487                                                                                                         | 42.4 28.7 19.2 | 60.6 52.2 19.8 55.9 20.7   | 28.7 15.1 4.8 15.9 17.7   |
| 0075-R00B | 14 | 44.5 28.7 17.8                 | 0.489 0.316                                                                                                                                                  | 60.5 58.4 22.6 62.6 21.1 0.254                                                                                         | -0.178 0.054                                                                                              | 28.7 17.2 5.4 18.0 17.4 1.548   | -0.247 0.627                                                                                                                                                | 43 17 619 487                                                                                                         | 39.4 25.4 15.8 | 57.5 56.1 21.7 60.1 21.1   | 25.4 15.2 4.8 16.0 17.4   |
| 0080-R00B | 15 | 40.9 25.1 14.2                 | 0.51 0.313                                                                                                                                                   | 57.2 62.2 24.6 66.9 21.6 0.258                                                                                         | -0.172 0.061                                                                                              | 25.1 17.1 5.2 17.9 17.0 1.63    | -0.226 0.712                                                                                                                                                | 44 17 621 487                                                                                                         | 36.2 22.2 12.6 | 54.3 59.8 23.7 64.3 21.6   | 22.2 15.1 4.6 15.8 17.0   |
| 0085-R00B | 16 | 37.3 21.5 10.8                 | 0.535 0.309                                                                                                                                                  | 53.5 66.5 27.2 71.8 22.2 0.263                                                                                         | -0.166 0.069                                                                                              | 21.5 16.9 5.0 17.6 16.6 1.732   | -0.2 0.817                                                                                                                                                  | 44 17 623 487                                                                                                         | 33.1 19.1 9.6  | 50.8 63.9 26.1 69.0 22.2   | 19.1 14.9 4.5 15.6 16.6   |
| 0090-R00B | 17 | 33.8 18.1 7.6                  | 0.568 0.305                                                                                                                                                  | 49.7 71.4 30.8 77.8 23.3 0.27                                                                                          | -0.156 0.081                                                                                              | 18.1 16.6 4.8 17.3 16.3 1.865   | -0.167 0.954                                                                                                                                                | 45 17 625 487                                                                                                         | 30.0 16.1 6.7  | 47.1 68.6 29.6 74.7 23.3   | 16.1 14.7 4.3 15.3 16.3   |
| 0095-R00B | 18 | 30.3 14.8 4.5                  | 0.611 0.298                                                                                                                                                  | 45.4 77.4 36.7 85.6 25.4 0.278                                                                                         | -0.14 0.098                                                                                               | 14.8 16.3 4.6 16.9 15.9 2.05    | -0.12 1.144                                                                                                                                                 | 45 17 628 487                                                                                                         | 26.9 13.1 4.0  | 42.9 74.3 35.2 82.2 25.4   | 13.1 14.4 4.1 15.0 15.5   |
| 0099-R00B | 19 | 27.2 11.6 1.4                  | 0.677 0.289                                                                                                                                                  | 40.6 85.6 50.8 96.6 30.7 0.291                                                                                         | -0.102 0.136                                                                                              | 11.6 16.2 4.5 16.8 15.5 2.32    | -0.047 1.446                                                                                                                                                | 46 17 631 487                                                                                                         | 24.1 10.3 1.2  | 38.3 82.3 48.8 95.6 30.7   | 10.3 14.3 4.0 14.9 15.5   |
| 0005-B00G | 20 | 88.5 94.5 106.8                | 0.305 0.326                                                                                                                                                  | 97.8 -2.2 -2.4 7.4 22.1 0.21                                                                                           | -0.21 0.01                                                                                                | 94.5 -1.5 2.0 4.2 33.3 0.99     | -0.451 0.027                                                                                                                                                | 38 16 597 485                                                                                                         | 78.4 83.7 94.6 | 93.3 -2.1 2.3 3.3 23.8     | 78.4 -1.0 1.3 1.8 23.8    |
| 0010-B00G | 21 | 85.5 89.3 104.8                | 0.298 0.323                                                                                                                                                  | 95.7 -4.2 -4.9 6.6 22.9 0.214                                                                                          | -0.22 0.012                                                                                               | 89.3 -2.2 3.0 3.8 23.4 0.924    | -0.469 0.044                                                                                                                                                | 36 16 580 481                                                                                                         | 73.1 79.1 92.9 | 91.3 -4.0 -4.7 6.3 22.9    | 73.1 -1.9 -2.6 3.4 23.4   |
| 0015-B00G | 22 | 76.9 84.2 103.1                | 0.291 0.319                                                                                                                                                  | 93.5 -6.0 -7.5 9.8 23.1 0.213                                                                                          | -0.223 0.014                                                                                              | 84.2 -3.0 -4.5 5.5 23.6 0.93    | -0.489 0.067                                                                                                                                                | 36 16 580 481                                                                                                         | 68.1 74.6 91.3 | 89.2 -5.8 -7.2 9.4 23.1    | 68.1 -2.6 -4.0 4.9 23.6   |
| 0020-B00G | 23 | 71.5 79.3 101.5                | 0.283 0.314                                                                                                                                                  | 91.4 -7.9 -10.3 13.1 23.2 0.212                                                                                        | -0.226 0.016                                                                                              | 79.3 -3.7 -6.0 7.2 23.8 0.901   | -0.511 0.091                                                                                                                                                | 36 16 580 481                                                                                                         | 63.3 70.3 90.0 | 87.1 -7.5 -9.8 12.5 23.2   | 63.3 -3.3 -5.3 6.4 23.8   |
| 0025-B00G | 24 | 66.4 74.6 99.9                 | 0.276 0.31                                                                                                                                                   | 89.2 -9.4 -12.9 16.1 23.3 0.211                                                                                        | -0.23 0.019                                                                                               | 74.6 -4.3 -7.4 8.7 23.9 0.891   | -0.535 0.117                                                                                                                                                | 35 16 479 579                                                                                                         | 58.9 66.1 88.5 | 85.0 -9.0 -12.4 15.5 23.3  | 58.9 -3.8 -6.5 7.7 23.9   |
| 0030-B00G | 25 | 61.7 70.0 97.9                 | 0.269 0.305                                                                                                                                                  | 87.0 -10.6 -15.5 18.9 23.5 0.21                                                                                        | -0.233 0.022                                                                                              | 70.0 -4.6 -8.6 9.9 24.1 0.882   | -0.559 0.142                                                                                                                                                | 35 16 479 579                                                                                                         | 54.7 62.0 86.8 | 82.9 -10.2 -14.9 18.2 23.4 | 54.7 -4.1 -7.6 8.8 24.1   |
| 0035-B00G | 26 | 57.3 65.5 95.8                 | 0.262 0.3                                                                                                                                                    | 84.8 -11.8 -17.9 21.6 23.6 0.21                                                                                        | -0.237 0.025                                                                                              | 65.5 -4.9 -9.7 11.0 24.3 0.874  | -0.584 0.168                                                                                                                                                | 35 16 479 579                                                                                                         | 50.7 58.1 84.9 | 80.8 -11.3 -17.2 20.7 23.6 | 50.7 -4.3 -8.6 9.8 24.3   |
| 0040-B00G | 27 | 52.8 61.2 94.6                 | 0.253 0.293                                                                                                                                                  | 82.5 -13.3 -21.0 25.0 23.7 0.209                                                                                       | -0.241 0.029                                                                                              | 61.2 -5.2 -11.1 12.4 24.4 0.862 | -0.617 0.203                                                                                                                                                | 35 16 479 578                                                                                                         | 46.8 54.2 83.8 | 78.6 -12.8 -20.2 24.0 23.7 | 46.8 -5.4 -9.8 11.0 24.6  |
| 0045-B00G | 28 | 48.6 57.1 93.5                 | 0.244 0.287                                                                                                                                                  | 80.2 -14.7 -24.2 28.4 23.8 0.208                                                                                       | -0.246 0.034                                                                                              | 57.1 -5.5 -12.5 13.8 24.5 0.851 | -0.654 0.241                                                                                                                                                | 35 16 478 578                                                                                                         | 43.0 50.5 82.8 | 76.4 -14.2 -23.2 27.3 23.8 | 43.0 -5.0 -9.1 11.0 24.5  |
| 0050-B00G | 29 | 44.4 53.0 92.9                 | 0.233 0.279                                                                                                                                                  | 77.9 -16.3 -27.8 32.4 23.9 0.207                                                                                       | -0.252 0.039                                                                                              | 53.0 -5.8 -14.0 15.3 24.7 0.838 | -0.7 0.288                                                                                                                                                  | 35 16 478 577                                                                                                         | 39.4 47.0 82.3 | 74.2 -15.7 -26.7 31.1 23.9 | 39.4 -5.1 -12.4 13.5 24.7 |
| 0055-B00G | 30 | 40.5 49.1 92.2                 | 0.223 0.27                                                                                                                                                   | 75.5 -17.8 -31.4 36.3 24.0 0.206                                                                                       | -0.258 0.045                                                                                              | 49.1 -6.0 -15.4 16.7 24.8 0.826 | -0.751 0.34                                                                                                                                                 | 35 16 478 577                                                                                                         | 35.9 43.5 81.7 | 71.9 -17.1 -30.2 34.8 24.0 | 35.9 -5.3 -13.7 14.8 24.8 |
| 0060-B00G | 31 | 36.8 45.3 91.5                 | 0.212 0.261                                                                                                                                                  | 73.1 -19.1 -35.1 40.1 24.1 0.205                                                                                       | -0.264 0.052                                                                                              | 45.3 -6.0 -16.8 18.0 25.0 0.814 | -0.807 0.397                                                                                                                                                | 35 16 477 576                                                                                                         | 32.6 40.1 81.0 | 69.5 -18.3 -33.7 38.5 24.4 | 32.6 -5.1 -14.9 15.9 25.0 |
| 0065-B00G | 32 | 33.3 41.5 90.4                 | 0.202 0.251                                                                                                                                                  | 70.6 -20.2 -38.7 43.8 24.2 0.204                                                                                       | -0.271 0.058                                                                                              | 41.5 -6.0 -18.0 19.1 25.1 0.803 | -0.87 0.46                                                                                                                                                  | 35 16 477 576                                                                                                         | 29.5 36.8 80.1 | 67.1 -19.4 -37.2 42.1 24.2 | 29.5 -5.3 -15.9 16.9 25.1 |
| 0070-B00G | 33 | 30.1 37.9 89.2                 | 0.191 0.241                                                                                                                                                  | 68.0 -21.1 -42.3 47.4 24.3 0.203                                                                                       | -0.278 0.065                                                                                              | 37.9 -5.9 -19.1 20.1 25.2 0.792 | -0.94 0.53                                                                                                                                                  | 35 16 477 576                                                                                                         | 26.6 33.6 79.0 | 64.7 -20.3 -40.7 45.6 24.3 | 26.6 -5.3 -16.9 17.8 25.2 |
| 0075-B00G | 34 | 26.9 34.4 88.1                 | 0.18 0.23                                                                                                                                                    | 65.3 -21.8 -46.1 51.2 24.4 0.202                                                                                       | -0.285 0.073                                                                                              | 34.4 -5.7 -20.1 21.0 25.4 0.782 | -1.022 0.611                                                                                                                                                | 35 16 477 575                                                                                                         | 23.9 30.5 78.0 | 62.1 -21.0 -44.3 50.1 24.4 | 23.9 -5.0 -17.8 18.6 25.4 |
| 0080-B00G | 35 | 23.9 31.0 87.3                 | 0.168 0.218                                                                                                                                                  | 62.5 -22.6 -50.4 55.3 24.5 0.201                                                                                       | -0.295 0.082                                                                                              | 31.0 -5.4 -21.3 22.1 25.5 0.771 | -1.124 0.713                                                                                                                                                | 35 16 476 575                                                                                                         | 21.2 27.5 77.3 | 59.4 -21.7 -48.4 53.1 24.5 | 21.2 -5.0 -18.9 19.6 25.5 |
| 0085-B00G | 36 | 21.1 27.7 86.4                 | 0.156 0.205                                                                                                                                                  | 59.6 -23.1 -54.8 59.6 24.7 0.2                                                                                         | -0.305 0.093                                                                                              | 27.7 -5.1 -22.4 23.1 25.6 0.761 | -1.247 0.835                                                                                                                                                | 35 16 476 574                                                                                                         | 18.7 24.5 76.6 | 56.6 -22.2 -52.6 57.2 24.7 | 18.7 -5.1 -19.9 20.5 25.6 |
| 0090-B00G | 37 | 18.3 24.5 86.0                 | 0.142 0.19                                                                                                                                                   | 56.6 -23.7 -59.8 64.4 24.8 0.199                                                                                       | -0.318 0.105                                                                                              | 24.5 -4.8 -23.7 24.3 25.8 0.749 | -1.405 0.995                                                                                                                                                | 35 16 476 574                                                                                                         | 16.2 21.7 76.2 | 53.7 -22.8 -57.4 61.9 24.8 | 16.2 -5.1 -21.0 21.5 25.8 |
| 0095-B00G | 38 | 15.3 21.3 85.1                 | 0.128 0.175                                                                                                                                                  | 53.3 -24.3 -64.7 69.2 24.9 0.198                                                                                       | -0.331 0.119                                                                                              | 21.3 -4.5 -24.7 25.2 25.        |                                                                                                                                                             |                                                                                                                       |                |                            |                           |

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| Cod.      | i   | [X, Y, Z, x, y] <sub>100</sub> | [L*, a*, b*, C*, h <sub>ab</sub> , a', b', c', a <sub>B</sub> ] <sub>100</sub> | [Y, A, B, C <sub>AB</sub> , h <sub>AB</sub> , a, b, c, a <sub>B</sub> ] <sub>100</sub> | [i <sub>a</sub> <sup>*</sup> , i <sub>c</sub> <sup>*</sup> , λ <sub>a</sub> <sup>*</sup> , λ <sub>c</sub> <sup>*</sup> ] <sub>100</sub> | [X, Y, Z] <sub>89</sub> | [L*, a*, b*, C*, h <sub>ab</sub> ] <sub>89</sub> | [Y, A, B, C <sub>AB</sub> , h <sub>AB</sub> ] <sub>89</sub> |                        |
|-----------|-----|--------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------|-------------------------------------------------------------|------------------------|
| 9900-W99N | 80  | 0.7 0.8 0.9                    | 0.312 0.329                                                                    | 7.0 0.0 0.0 0.0 227.8 0.215 -0.215 0.01                                                | 0.8 0.0 0.0 0.0 229.9 0.949 -0.435 0.01                                                                                                 | 16 36 481 583           | 0.7 0.7 0.8                                      | 6.2 0.0 0.0 0.0 227.8                                       | 0.7 0.0 0.0 0.0 229.7  |
| 9500-W95N | 81  | 2.4 2.5 2.8                    | 0.312 0.329                                                                    | 18.1 0.0 0.0 0.0 164.0 0.215 -0.214 0.01                                               | 2.5 0.0 0.0 0.0 160.6 0.949 -0.434 0.01                                                                                                 | 20 -1 504 504c          | 2.1 2.2 2.4                                      | 16.7 0.0 0.0 0.0 164.0                                      | 2.2 0.0 0.0 0.0 160.5  |
| 9000-W90N | 82  | 4.2 4.4 4.8                    | 0.313 0.329                                                                    | 25.0 0.0 0.0 0.0 329.0 0.215 -0.215 0.01                                               | 4.4 0.0 0.0 0.0 326.1 0.95 -0.434 0.01                                                                                                  | -1 27 537c 537          | 3.7 3.9 4.2                                      | 23.3 0.0 0.0 0.0 329.0                                      | 3.9 0.0 0.0 0.0 326.2  |
| 8500-W85N | 83  | 6.1 6.4 7.0                    | 0.313 0.329                                                                    | 30.4 0.0 0.0 0.1 325.8 0.215 -0.215 0.01                                               | 6.4 0.0 0.0 0.0 322.4 0.95 -0.435 0.01                                                                                                  | -1 28 542c 542          | 5.4 5.7 6.2                                      | 28.6 0.0 0.0 0.1 325.8                                      | 5.7 0.0 0.0 0.0 322.5  |
| 8000-W80N | 84  | 8.1 8.6 9.3                    | 0.313 0.329                                                                    | 35.1 0.0 0.0 0.0 318.5 0.215 -0.215 0.01                                               | 8.6 0.0 0.0 0.0 314.9 0.95 -0.434 0.01                                                                                                  | -1 30 550c 550          | 7.2 7.6 8.3                                      | 33.1 0.0 0.0 0.0 318.5                                      | 7.6 0.0 0.0 0.0 315.0  |
| 7500-W75N | 85  | 10.4 10.9 11.9                 | 0.313 0.329                                                                    | 39.4 0.1 0.0 0.1 351.1 0.216 -0.214 0.01                                               | 10.9 0.0 0.0 0.0 350.1 0.95 -0.434 0.01                                                                                                 | -1 19 497c 497          | 9.2 9.7 10.5                                     | 37.2 0.1 0.0 0.1 351.1                                      | 9.7 0.0 0.0 0.0 350.1  |
| 7000-W70N | 86  | 12.8 13.4 14.6                 | 0.313 0.329                                                                    | 43.4 0.1 0.0 0.1 331.0 0.215 -0.215 0.01                                               | 13.4 0.0 0.0 0.0 327.7 0.95 -0.434 0.01                                                                                                 | -1 26 533c 533          | 11.3 11.9 12.9                                   | 41.0 0.1 0.0 0.1 331.0                                      | 11.9 0.0 0.0 0.0 327.8 |
| 6500-W65N | 87  | 15.4 16.1 17.6                 | 0.313 0.329                                                                    | 47.2 0.1 0.0 0.1 342.8 0.216 -0.215 0.01                                               | 16.1 0.0 0.0 0.0 340.6 0.95 -0.434 0.01                                                                                                 | -1 21 506c 506          | 13.6 14.3 15.6                                   | 44.7 0.1 0.0 0.1 342.8                                      | 14.3 0.0 0.0 0.0 340.6 |
| 6000-W60N | 88  | 18.2 19.1 20.8                 | 0.313 0.329                                                                    | 50.8 0.1 0.0 0.1 334.8 0.216 -0.215 0.01                                               | 19.1 0.0 0.0 0.0 331.8 0.95 -0.435 0.01                                                                                                 | -1 24 523c 523          | 16.1 16.9 18.5                                   | 48.2 0.1 0.0 0.1 334.8                                      | 16.9 0.0 0.0 0.0 331.8 |
| 5500-W55N | 89  | 21.3 22.4 24.4                 | 0.313 0.329                                                                    | 54.4 0.1 0.0 0.1 344.2 0.216 -0.214 0.01                                               | 22.4 0.0 0.0 0.0 342.1 0.95 -0.434 0.01                                                                                                 | -1 20 504c 504          | 18.9 19.8 21.6                                   | 51.7 0.1 0.0 0.1 344.2                                      | 19.8 0.0 0.0 0.0 342.1 |
| 5000-W50N | 90  | 24.7 26.0 28.3                 | 0.313 0.329                                                                    | 58.0 0.1 0.0 0.2 339.5 0.216 -0.215 0.01                                               | 26.0 0.0 0.0 0.0 336.9 0.951 -0.435 0.01                                                                                                | -1 22 512c 512          | 21.9 23.0 25.0                                   | 55.1 0.1 0.0 0.1 339.5                                      | 23.0 0.0 0.0 0.0 336.9 |
| 4500-W45N | 91  | 28.4 29.9 32.6                 | 0.313 0.329                                                                    | 61.6 0.1 0.0 0.1 337.4 0.216 -0.215 0.01                                               | 29.9 0.0 0.0 0.0 334.6 0.951 -0.435 0.01                                                                                                | -1 23 517c 517          | 25.2 26.5 28.9                                   | 58.5 0.1 0.0 0.1 337.4                                      | 26.5 0.0 0.0 0.0 334.6 |
| 4000-W40N | 92  | 32.6 34.3 37.3                 | 0.313 0.329                                                                    | 65.2 0.1 0.0 0.1 340.2 0.216 -0.215 0.01                                               | 34.3 0.0 0.0 0.0 337.6 0.95 -0.434 0.01                                                                                                 | -1 22 511c 511          | 28.9 30.4 33.1                                   | 62.0 0.1 0.0 0.1 340.2                                      | 30.4 0.0 0.0 0.0 337.6 |
| 3500-W35N | 93  | 37.2 39.2 42.7                 | 0.313 0.329                                                                    | 68.9 0.1 0.0 0.1 338.0 0.216 -0.215 0.01                                               | 39.2 0.0 0.0 0.0 335.2 0.95 -0.435 0.01                                                                                                 | -1 23 515c 515          | 33.0 34.7 37.8                                   | 65.5 0.1 0.0 0.1 338.0                                      | 34.7 0.0 0.0 0.0 335.2 |
| 3000-W30N | 94  | 42.4 44.7 48.6                 | 0.313 0.329                                                                    | 72.7 0.1 0.0 0.2 341.0 0.216 -0.215 0.01                                               | 44.7 0.0 0.0 0.1 338.5 0.951 -0.434 0.01                                                                                                | -1 21 509c 509          | 37.6 39.6 43.1                                   | 69.2 0.1 0.0 0.2 341.0                                      | 39.6 0.0 0.0 0.0 338.5 |
| 2500-W25N | 95  | 48.3 50.8 55.4                 | 0.313 0.329                                                                    | 76.6 0.1 0.0 0.2 336.2 0.216 -0.215 0.01                                               | 50.8 0.1 0.0 0.1 333.2 0.95 -0.435 0.01                                                                                                 | -1 24 520c 520          | 42.8 45.0 49.0                                   | 72.9 0.1 0.0 0.2 336.2                                      | 45.0 0.0 0.0 0.1 333.2 |
| 2000-W20N | 96  | 55.0 57.9 63.1                 | 0.313 0.329                                                                    | 80.7 0.2 0.0 0.2 338.8 0.216 -0.215 0.01                                               | 57.9 0.1 0.0 0.1 336.0 0.95 -0.435 0.01                                                                                                 | -1 22 514c 514          | 48.8 51.3 55.9                                   | 76.9 0.1 0.0 0.2 338.8                                      | 51.3 0.1 0.0 0.1 336.0 |
| 1500-W15N | 97  | 62.8 66.0 71.9                 | 0.313 0.329                                                                    | 85.0 0.2 0.0 0.2 339.6 0.216 -0.215 0.01                                               | 66.0 0.1 0.0 0.1 336.9 0.95 -0.434 0.01                                                                                                 | -1 22 512c 512          | 55.6 58.5 63.7                                   | 81.0 0.2 0.0 0.2 339.6                                      | 58.5 0.1 0.0 0.1 337.0 |
| 1000-W10N | 98  | 71.7 75.5 82.2                 | 0.313 0.329                                                                    | 89.6 0.2 0.0 0.2 338.8 0.216 -0.215 0.01                                               | 75.5 0.1 0.0 0.1 336.1 0.95 -0.435 0.01                                                                                                 | -1 22 513c 513          | 63.6 66.9 72.8                                   | 85.4 0.2 0.0 0.2 338.8                                      | 66.9 0.1 0.0 0.1 336.1 |
| 0500-W05N | 99  | 82.3 86.6 94.3                 | 0.313 0.329                                                                    | 94.6 0.2 0.0 0.2 338.5 0.216 -0.215 0.01                                               | 86.6 0.1 0.0 0.1 335.7 0.95 -0.435 0.01                                                                                                 | -1 22 514c 514          | 72.9 76.7 83.5                                   | 90.2 0.2 0.0 0.2 338.5                                      | 76.7 0.1 0.0 0.1 335.7 |
| 0000-W00N | 100 | 94.9 99.9 108.8                | 0.313 0.329                                                                    | 100.0 0.2 0.0 0.2 338.2 0.216 -0.215 0.01                                              | 99.9 0.1 0.0 0.1 335.4 0.95 -0.435 0.01                                                                                                 | -1 23 515c 515          | 84.1 88.5 96.4                                   | 95.4 0.2 0.0 0.2 338.2                                      | 88.5 0.1 0.0 0.1 335.4 |

TE110-7N, NCS colours, normalized: Y<sub>n</sub> = Y<sub>w</sub> = 100 & 89, page 2/2

TUB-test chart TE11; ; CIE data: 4 elementary colours  
Calculated from XYZ of NCS-Standard SS019104:1998

input: w/rgb/cmyk -> rgb<sub>d</sub>  
output: transfer to rgb<sub>d</sub>

TUB registration: 20130201-TE11/TE11L0NP.PDF /.PS  
application for measurement of display output, no separation

TUB material: code=rha4ta