

| CIE data for all optimal colours of maximum (m) C <sub>AB</sub> , D65 and Y <sub>w</sub> =88,6, Y <sub>m</sub> =495_770 |                                 |                   |                   |                   |        |        |        |                 |                                 |                                 |      |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------|-------------------|-------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                         | i <sub>2</sub> , λ <sub>2</sub> | X <sub>88.6</sub> | Y <sub>88.6</sub> | Z <sub>88.6</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  |  |  |
| 0 405                                                                                                                   | 32 561                          | 28.85             | 51.56             | 95.79             | 0.1637 | 0.2926 | 0.5436 | 193.7           | 16 483                          | 37 589                          | Cm   |  |  |  |
| 6 435                                                                                                                   | 32 562                          | 25.77             | 52.08             | 78.6              | 0.1647 | 0.3328 | 0.5023 | 178.4           | 17 486                          | 42 610                          |      |  |  |  |
| 10 450                                                                                                                  | 32 563                          | 20.31             | 52.64             | 46.4              | 0.1702 | 0.441  | 0.3887 | 141.8           | 19 496                          | -1 496c                         |      |  |  |  |
| 12 460                                                                                                                  | 33 565                          | 18.49             | 53.43             | 30.14             | 0.1812 | 0.5234 | 0.2952 | 124.0           | 21 505                          | -1 505c                         |      |  |  |  |
| 12 465                                                                                                                  | 33 567                          | 19.45             | 54.62             | 30.14             | 0.1866 | 0.5241 | 0.2892 | 122.8           | 21 506                          | -1 506c                         |      |  |  |  |
| 14 470                                                                                                                  | 33 569                          | 19.02             | 55.56             | 17.7              | 0.206  | 0.602  | 0.1918 | 111.3           | 24 520                          | -1 520c                         |      |  |  |  |
| 15 475                                                                                                                  | 34 573                          | 21.05             | 57.84             | 13.21             | 0.2285 | 0.6279 | 0.1434 | 105.6           | 25 528                          | -1 528c                         | Gm   |  |  |  |
| 16 480                                                                                                                  | 36 580                          | 25.69             | 61.97             | 9.79              | 0.2636 | 0.6358 | 0.1005 | 99.0            | 27 537                          | -1 537c                         |      |  |  |  |
| 17 485                                                                                                                  | 39 595                          | 37.3              | 69.76             | 7.29              | 0.3261 | 0.6099 | 0.0638 | 87.2            | 29 548                          | -1 548c                         |      |  |  |  |
| 18 490                                                                                                                  | -1 490c                         | 68.29             | 83.1              | 5.43              | 0.4354 | 0.5298 | 0.0346 | 58.5            | 33 565                          | 11 459                          | max  |  |  |  |
| 19 495                                                                                                                  | -1 495c                         | 68.25             | 81.77             | 4.0               | 0.4431 | 0.5308 | 0.026  | 57.1            | 33 566                          | 12 462                          | Ym   |  |  |  |
| 20 500                                                                                                                  | -1 500c                         | 68.23             | 80.1              | 2.89              | 0.4511 | 0.5296 | 0.0191 | 55.3            | 33 567                          | 12 464                          |      |  |  |  |
| 22 510                                                                                                                  | -1 510c                         | 68.12             | 75.54             | 1.45              | 0.4694 | 0.5205 | 0.01   | 50.7            | 33 569                          | 13 469                          |      |  |  |  |
| 23 520                                                                                                                  | -1 519c                         | 67.91             | 72.63             | 1.03              | 0.4797 | 0.513  | 0.0072 | 47.7            | 34 570                          | 14 471                          |      |  |  |  |
| 25 530                                                                                                                  | -1 529c                         | 66.91             | 65.59             | 0.51              | 0.503  | 0.4931 | 0.0038 | 40.7            | 34 573                          | 15 475                          |      |  |  |  |
| 27 540                                                                                                                  | -1 539c                         | 64.9              | 57.49             | 0.23              | 0.5292 | 0.4688 | 0.0019 | 32.8            | 35 577                          | 15 478                          |      |  |  |  |
| 28 545                                                                                                                  | -1 544c                         | 63.48             | 53.27             | 0.16              | 0.5429 | 0.4556 | 0.0014 | 28.7            | 35 579                          | 15 479                          |      |  |  |  |
| 29 550                                                                                                                  | -1 549c                         | 61.75             | 48.96             | 0.11              | 0.5571 | 0.4417 | 0.001  | 24.7            | 36 582                          | 16 480                          |      |  |  |  |
| 30 555                                                                                                                  | -1 554c                         | 59.71             | 44.65             | 0.08              | 0.5716 | 0.4274 | 0.0008 | 20.8            | 36 584                          | 16 481                          |      |  |  |  |
| 32 560                                                                                                                  | -1 560c                         | 54.73             | 36.33             | 0.05              | 0.6007 | 0.3987 | 0.0005 | 13.6            | 37 589                          | 16 483                          |      |  |  |  |
| 32 561                                                                                                                  | 0 405                           | 66.18             | 48.43             | 13.1              | 0.5182 | 0.3792 | 0.1025 | 13.7            | 37 589                          | 16 483                          | Rm   |  |  |  |
| 32 562                                                                                                                  | 6 435                           | 69.27             | 47.91             | 30.28             | 0.4697 | 0.3249 | 0.2053 | 358.4           | 42 610                          | 17 486                          |      |  |  |  |
| 32 563                                                                                                                  | 10 450                          | 74.73             | 47.35             | 62.49             | 0.4048 | 0.2565 | 0.3385 | 321.8           | -1 496c                         | 19 496                          |      |  |  |  |
| 33 565                                                                                                                  | 12 460                          | 76.54             | 46.56             | 78.74             | 0.3792 | 0.2306 | 0.3901 | 304.1           | -1 505c                         | 21 505                          |      |  |  |  |
| 33 567                                                                                                                  | 12 465                          | 75.59             | 45.37             | 78.74             | 0.3785 | 0.2271 | 0.3942 | 302.9           | -1 506c                         | 21 506                          |      |  |  |  |
| 33 569                                                                                                                  | 14 470                          | 76.02             | 44.43             | 91.18             | 0.3592 | 0.2099 | 0.4308 | 291.3           | -1 520c                         | 24 520                          |      |  |  |  |
| 34 573                                                                                                                  | 15 475                          | 73.98             | 42.15             | 95.67             | 0.3492 | 0.199  | 0.4516 | 285.7           | -1 528c                         | 25 528                          | Mm   |  |  |  |
| 36 580                                                                                                                  | 16 480                          | 69.34             | 38.02             | 99.09             | 0.3358 | 0.1841 | 0.4799 | 279.1           | -1 537c                         | 27 537                          |      |  |  |  |
| 39 595                                                                                                                  | 17 485                          | 57.73             | 30.23             | 101.59            | 0.3045 | 0.1594 | 0.5359 | 267.2           | -1 548c                         | 29 548                          |      |  |  |  |
| -1 490c                                                                                                                 | 18 490                          | 26.74             | 16.89             | 103.45            | 0.1818 | 0.1148 | 0.7032 | 238.5           | 11 459                          | 33 565                          | min  |  |  |  |
| -1 495c                                                                                                                 | 19 495                          | 26.79             | 18.22             | 104.88            | 0.1787 | 0.1215 | 0.6996 | 237.1           | 12 462                          | 33 566                          | Bm   |  |  |  |
| -1 500c                                                                                                                 | 20 500                          | 26.81             | 19.89             | 105.99            | 0.1755 | 0.1302 | 0.6941 | 235.4           | 12 464                          | 33 567                          |      |  |  |  |
| -1 510c                                                                                                                 | 22 510                          | 26.92             | 24.45             | 107.43            | 0.1695 | 0.1539 | 0.6765 | 230.7           | 13 469                          | 33 569                          |      |  |  |  |
| -1 519c                                                                                                                 | 23 520                          | 27.12             | 27.36             | 107.85            | 0.167  | 0.1685 | 0.6643 | 227.7           | 14 471                          | 34 570                          |      |  |  |  |
| -1 529c                                                                                                                 | 25 530                          | 28.12             | 34.4              | 108.38            | 0.1645 | 0.2012 | 0.6341 | 220.7           | 15 475                          | 34 573                          |      |  |  |  |
| -1 539c                                                                                                                 | 27 540                          | 30.13             | 42.5              | 108.65            | 0.1662 | 0.2344 | 0.5993 | 212.8           | 15 478                          | 35 577                          |      |  |  |  |
| -1 544c                                                                                                                 | 28 545                          | 31.55             | 46.72             | 108.72            | 0.1687 | 0.2498 | 0.5813 | 208.8           | 15 479                          | 35 579                          |      |  |  |  |
| -1 549c                                                                                                                 | 29 550                          | 33.29             | 51.03             | 108.77            | 0.1723 | 0.2643 | 0.5632 | 204.7           | 16 480                          | 36 582                          |      |  |  |  |
| -1 554c                                                                                                                 | 30 555                          | 35.32             | 55.34             | 108.8             | 0.1771 | 0.2774 | 0.5454 | 200.8           | 16 481                          | 36 584                          |      |  |  |  |
| -1 560c                                                                                                                 | 32 560                          | 40.31             | 63.66             | 108.84            | 0.1894 | 0.2991 | 0.5114 | 193.6           | 16 483                          | 37 589                          |      |  |  |  |
| 380                                                                                                                     | 770                             | 84.19             | 88.59             | 96.46             | 0.3127 | 0.329  | 0.3582 | 0.0             |                                 |                                 |      |  |  |  |

| CIE data for all optimal colours of maximum (m) C <sub>AB</sub> , D50 and Y <sub>w</sub> =88,6, Y <sub>m</sub> =495_770 |                                 |                   |                   |                   |        |        |        |                 |                                 |                                 |      |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------|-------------------|-------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                         | i <sub>2</sub> , λ <sub>2</sub> | X <sub>88.6</sub> | Y <sub>88.6</sub> | Z <sub>88.6</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  |  |  |
| 1 405                                                                                                                   | 32 564                          | 26.24             | 51.21             | 72.29             | 0.1752 | 0.3419 | 0.4827 | 185.5           | 17 486                          | 38 592                          | Cm   |  |  |  |
| 7 435                                                                                                                   | 33 565                          | 23.33             | 51.54             | 56.25             | 0.1779 | 0.393  | 0.4289 | 168.3           | 18 490                          | 46 634                          |      |  |  |  |
| 10 450                                                                                                                  | 33 566                          | 20.4              | 51.98             | 37.62             | 0.1854 | 0.4725 | 0.342  | 144.5           | 19 497                          | -1 497c                         |      |  |  |  |
| 12 460                                                                                                                  | 33 567                          | 19.02             | 52.53             | 25.04             | 0.1969 | 0.5437 | 0.2592 | 128.7           | 21 506                          | -1 506c                         |      |  |  |  |
| 13 465                                                                                                                  | 33 568                          | 18.88             | 53.11             | 19.63             | 0.206  | 0.5796 | 0.2143 | 122.2           | 22 511                          | -1 511c                         |      |  |  |  |
| 14 470                                                                                                                  | 34 570                          | 19.36             | 54.07             | 15.11             | 0.2187 | 0.6106 | 0.1706 | 116.7           | 23 519                          | -1 519c                         |      |  |  |  |
| 15 475                                                                                                                  | 34 573                          | 20.87             | 55.72             | 11.43             | 0.237  | 0.6329 | 0.1299 | 111.5           | 25 527                          | -1 527c                         | Gm   |  |  |  |
| 15 480                                                                                                                  | 35 578                          | 24.45             | 59.28             | 11.44             | 0.2569 | 0.6227 | 0.1202 | 108.5           | 26 531                          | -1 531c                         |      |  |  |  |
| 17 485                                                                                                                  | 37 587                          | 31.29             | 64.0              | 6.49              | 0.3074 | 0.6287 | 0.0637 | 98.0            | 28 544                          | -1 544c                         |      |  |  |  |
| 18 490                                                                                                                  | 44 620                          | 58.12             | 77.97             | 4.9               | 0.4122 | 0.5529 | 0.0348 | 71.0            | 32 561                          | -1 561c                         | max  |  |  |  |
| 19 495                                                                                                                  | -1 495c                         | 73.62             | 82.96             | 3.66              | 0.4594 | 0.5177 | 0.0228 | 54.4            | 33 568                          | 12 463                          | Ym   |  |  |  |
| 20 500                                                                                                                  | -1 500c                         | 73.61             | 81.49             | 2.68              | 0.4665 | 0.5164 | 0.0169 | 52.5            | 33 569                          | 13 466                          |      |  |  |  |
| 22 510                                                                                                                  | -1 510c                         | 73.51             | 77.37             | 1.37              | 0.4827 | 0.5081 | 0.009  | 47.4            | 34 571                          | 14 471                          |      |  |  |  |
| 23 520                                                                                                                  | -1 519c                         | 73.32             | 74.67             | 0.99              | 0.4921 | 0.5012 | 0.0066 | 44.2            | 34 572                          | 14 473                          |      |  |  |  |
| 25 530                                                                                                                  | -1 529c                         | 72.37             | 68.03             | 0.49              | 0.5136 | 0.4828 | 0.0035 | 36.4            | 35 575                          | 15 477                          |      |  |  |  |
| 27 540                                                                                                                  | -1 539c                         | 70.43             | 60.24             | 0.23              | 0.538  | 0.4601 | 0.0018 | 27.8            | 35 579                          | 16 480                          |      |  |  |  |
| 28 545                                                                                                                  | -1 544c                         | 69.05             | 56.11             | 0.16              | 0.5509 | 0.4477 | 0.0013 | 23.4            | 36 581                          | 16 481                          |      |  |  |  |
| 29 550                                                                                                                  | -1 549c                         | 67.34             | 51.87             | 0.11              | 0.5643 | 0.4346 | 0.0009 | 19.1            | 36 583                          | 16 483                          |      |  |  |  |
| 30 555                                                                                                                  | -1 554c                         | 65.31             | 47.59             | 0.08              | 0.578  | 0.4211 | 0.0007 | 15.0            | 37 585                          | 16 484                          |      |  |  |  |
| 32 560                                                                                                                  | -1 560c                         | 60.3              | 39.22             | 0.05              | 0.6055 | 0.3938 | 0.0005 | 7.7             | 38 590                          | 17 486                          |      |  |  |  |
| 32 564                                                                                                                  | 1 405                           | 70.17             | 48.78             | 10.19             | 0.5433 | 0.3776 | 0.0789 | 5.5             | 38 592                          | 17 486                          | Rm   |  |  |  |
| 33 565                                                                                                                  | 7 435                           | 73.09             | 48.45             | 26.24             | 0.4945 | 0.3278 | 0.1775 | 348.3           | 46 634                          | 18 490                          |      |  |  |  |
| 33 566                                                                                                                  | 10 450                          | 76.01             | 48.01             | 44.87             | 0.45   | 0.2842 | 0.2656 | 324.5           | -1 497c                         | 19 497                          |      |  |  |  |
| 33 567                                                                                                                  | 12 460                          | 77.39             | 47.46             | 57.44             | 0.4245 | 0.2603 | 0.3151 | 308.8           | -1 506c                         | 21 506                          |      |  |  |  |
| 33 568                                                                                                                  | 13 465                          | 77.53             | 46.88             | 62.85             | 0.414  | 0.2503 | 0.3356 | 302.3           | -1 511c                         | 22 511                          |      |  |  |  |
| 34 570                                                                                                                  | 14 470                          | 77.05             | 45.92             | 67.38             | 0.4047 | 0.2412 | 0.3539 | 296.7           | -1 519c                         | 23 519                          |      |  |  |  |
| 34 573                                                                                                                  | 15 475                          | 75.55             | 44.27             | 71.05             | 0.3957 | 0.2319 | 0.3722 | 291.6           | -1 527c                         | 25 527                          | Mm   |  |  |  |
| 35 578                                                                                                                  | 15 480                          | 71.96             | 40.71             | 71.05             | 0.3916 | 0.2216 | 0.3867 | 288.5           | -1 531c                         | 26 531                          |      |  |  |  |
| 37 587                                                                                                                  | 17 485                          | 65.12             | 35.99             | 76.0              | 0.3676 | 0.2032 | 0.429  | 278.0           | -1 544c                         | 28 544                          |      |  |  |  |
| 44 620                                                                                                                  | 18 490                          | 38.29             | 22.02             | 77.58             | 0.2777 | 0.1596 | 0.5626 | 251.1           | -1 561c                         | 32 561                          | min  |  |  |  |
| -1 495c                                                                                                                 | 19 495                          | 22.79             | 17.03             | 78.83             | 0.192  | 0.1435 | 0.6643 | 234.4           | 12 463                          | 33 568                          | Bm   |  |  |  |
| -1 500c                                                                                                                 | 20 500                          | 22.8              | 18.5              | 79.81             | 0.1882 | 0.1528 | 0.6589 | 232.5           | 13 466                          | 33 569                          |      |  |  |  |
| -1 510c                                                                                                                 | 22 510                          | 22.91             | 22.62             | 81.11             | 0.1808 | 0.1786 | 0.6404 | 227.5           | 14 471                          | 34 571                          |      |  |  |  |
| -1 519c                                                                                                                 | 23 520                          | 23.09             | 25.32             | 81.5              | 0.1777 | 0.1948 | 0.6273 | 224.2           | 14 473                          | 34 572                          |      |  |  |  |
| -1 529c                                                                                                                 | 25 530                          | 24.04             | 31.96             | 81.99             | 0.1742 | 0.2315 | 0.5941 | 216.5           | 15 477                          | 35 575                          |      |  |  |  |
| -1 539c                                                                                                                 | 27 540                          | 25.98             | 39.75             | 82.25             | 0.1755 | 0.2686 | 0.5558 | 207.8           | 16 480                          | 35 579                          |      |  |  |  |
| -1 544c                                                                                                                 | 28 545                          | 27.37             | 43.88             | 82.33             | 0.1782 | 0.2857 | 0.536  | 203.5           | 16 481                          | 36 581                          |      |  |  |  |
| -1 549c                                                                                                                 | 29 550                          | 29.07             | 48.12             | 82.37             | 0.1821 | 0.3015 | 0.5162 | 199.2           | 16 483                          | 36 583                          |      |  |  |  |
| -1 554c                                                                                                                 | 30 555                          | 31.1              | 52.4              | 82.4              | 0.1874 | 0.3158 | 0.4966 | 195.0           | 16 484                          | 37 585                          |      |  |  |  |
| -1 560c                                                                                                                 | 32 560                          | 36.11             | 60.77             | 82.44             | 0.2013 | 0.3388 | 0.4597 | 187.7           | 17 486                          | 38 590                          |      |  |  |  |
| 380                                                                                                                     | 770                             | 85.42             | 88.59             | 73.08             | 0.3457 | 0.3585 | 0.2957 | 0.0             |                                 |                                 |      |  |  |  |

CIE data for all optimal colours of maximum (m) C<sub>AB</sub>, P40 and Y<sub>w</sub>=88,6, Y<sub>m</sub>=495\_770

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | X <sub>88.6</sub> | Y <sub>88.6</sub> | Z <sub>88.6</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|-------------------|-------------------|-------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|
| 0 405                           | 33 568                          | 25.48             | 50.12             | 56.92             | 0.1922 | 0.3782 | 0.4295 | 179.4           | 17 488                          | 38 594                          | Cm   |
| 7 435                           | 33 568                          | 22.92             | 50.37             | 42.95             | 0.1971 | 0.4333 | 0.3695 | 162.7           | 18 493                          | 54 674                          |      |
| 10 450                          | 33 569                          | 20.81             | 50.74             | 29.3              | 0.2063 | 0.5031 | 0.2905 | 143.8           | 19 499                          | -1 499c                         |      |
| 12 460                          | 34 570                          | 19.89             | 51.2              | 20.08             | 0.2181 | 0.5615 | 0.2202 | 131.1           | 21 507                          | -1 507c                         |      |
| 13 465                          | 34 571                          | 19.88             | 51.65             | 15.98             | 0.2271 | 0.5902 | 0.1825 | 125.5           | 22 512                          | -1 512c                         |      |
| 14 470                          | 34 572                          | 20.36             | 52.42             | 12.49             | 0.2387 | 0.6147 | 0.1464 | 120.6           | 23 519                          | -1 519c                         |      |
| 14 475                          | 34 574                          | 21.95             | 54.15             | 12.49             | 0.2477 | 0.6111 | 0.141  | 119.3           | 24 522                          | -1 522c                         | Gm   |
| 15 480                          | 35 578                          | 24.49             | 56.54             | 9.64              | 0.2701 | 0.6234 | 0.1063 | 113.9           | 26 531                          | -1 531c                         |      |
| 17 485                          | 37 585                          | 29.72             | 60.26             | 5.64              | 0.3108 | 0.6301 | 0.059  | 105.2           | 28 543                          | -1 543c                         |      |
| 17 490                          | 40 600                          | 44.57             | 70.01             | 5.65              | 0.3707 | 0.5822 | 0.047  | 92.5            | 30 554                          | -1 554c                         | max  |
| 19 495                          | -1 495c                         | 80.24             | 84.05             | 3.24              | 0.4789 | 0.5016 | 0.0193 | 51.6            | 34 571                          | 12 464                          | Ym   |
| 20 500                          | -1 500c                         | 80.23             | 82.78             | 2.4               | 0.485  | 0.5004 | 0.0145 | 49.6            | 34 571                          | 13 467                          |      |
| 21 510                          | -1 509c                         | 80.21             | 81.16             | 1.75              | 0.4916 | 0.4975 | 0.0107 | 47.2            | 34 572                          | 13 469                          |      |
| 24 520                          | -1 520c                         | 79.64             | 73.89             | 0.66              | 0.5164 | 0.4792 | 0.0042 | 36.9            | 35 575                          | 15 476                          |      |
| 26 530                          | -1 530c                         | 78.35             | 67.28             | 0.33              | 0.5368 | 0.4609 | 0.0022 | 28.2            | 35 578                          | 16 480                          |      |
| 27 540                          | -1 539c                         | 77.33             | 63.58             | 0.23              | 0.5478 | 0.4504 | 0.0016 | 23.7            | 36 580                          | 16 481                          |      |
| 29 545                          | -1 545c                         | 74.41             | 55.69             | 0.12              | 0.5714 | 0.4276 | 0.0009 | 14.9            | 36 584                          | 16 484                          |      |
| 29 550                          | -1 549c                         | 74.41             | 55.69             | 0.12              | 0.5714 | 0.4276 | 0.0009 | 14.9            | 36 584                          | 16 484                          |      |
| 31 555                          | -1 555c                         | 70.15             | 47.4              | 0.07              | 0.5963 | 0.403  | 0.0006 | 6.9             | 37 588                          | 17 486                          |      |
| 32 560                          | -1 560c                         | 67.45             | 43.22             | 0.05              | 0.6091 | 0.3903 | 0.0005 | 3.4             | 38 591                          | 17 487                          |      |
| 33 568                          | 0 405                           | 75.45             | 49.87             | 7.76              | 0.5669 | 0.3747 | 0.0583 | 359.4           | 38 594                          | 17 488                          | Rm   |
| 33 568                          | 7 435                           | 78.01             | 49.62             | 21.73             | 0.5222 | 0.3322 | 0.1454 | 342.7           | 54 674                          | 18 493                          |      |
| 33 569                          | 10 450                          | 80.12             | 49.25             | 35.38             | 0.4862 | 0.2989 | 0.2147 | 323.9           | -1 499c                         | 19 499                          |      |
| 34 570                          | 12 460                          | 81.04             | 48.79             | 44.6              | 0.4645 | 0.2797 | 0.2557 | 311.1           | -1 507c                         | 21 507                          |      |
| 34 571                          | 13 465                          | 81.04             | 48.34             | 48.7              | 0.455  | 0.2714 | 0.2734 | 305.5           | -1 512c                         | 22 512                          |      |
| 34 572                          | 14 470                          | 80.56             | 47.57             | 52.19             | 0.4467 | 0.2638 | 0.2894 | 300.6           | -1 519c                         | 23 519                          |      |
| 34 574                          | 14 475                          | 78.97             | 45.84             | 52.19             | 0.4461 | 0.259  | 0.2948 | 299.4           | -1 522c                         | 24 522                          | Mm   |
| 35 578                          | 15 480                          | 76.43             | 43.45             | 55.04             | 0.4369 | 0.2484 | 0.3146 | 294.0           | -1 531c                         | 26 531                          |      |
| 37 585                          | 17 485                          | 71.2              | 39.73             | 59.04             | 0.4188 | 0.2337 | 0.3473 | 285.2           | -1 543c                         | 28 543                          |      |
| 40 600                          | 17 490                          | 56.35             | 29.98             | 59.03             | 0.3876 | 0.2062 | 0.406  | 272.6           | -1 554c                         | 30 554                          | min  |
| -1 495c                         | 19 495                          | 20.68             | 15.94             | 61.44             | 0.2109 | 0.1625 | 0.6264 | 231.6           | 12 464                          | 34 571                          | Bm   |
| -1 500c                         | 20 500                          | 20.69             | 17.21             | 62.28             | 0.2065 | 0.1718 | 0.6215 | 229.7           | 13 467                          | 34 571                          |      |
| -1 509c                         | 21 510                          | 20.72             | 18.83             | 62.93             | 0.2021 | 0.1837 | 0.614  | 227.3           | 13 469                          | 34 572                          |      |
| -1 520c                         | 24 520                          | 21.28             | 26.1              | 64.02             | 0.191  | 0.2342 | 0.5746 | 216.9           | 15 476                          | 35 575                          |      |
| -1 530c                         | 26 530                          | 22.57             | 32.71             | 64.35             | 0.1886 | 0.2734 | 0.5378 | 208.3           | 16 480                          | 35 578                          |      |
| -1 539c                         | 27 540                          | 23.59             | 36.41             | 64.45             | 0.1895 | 0.2925 | 0.5178 | 203.7           | 16 481                          | 36 580                          |      |
| -1 545c                         | 29 545                          | 26.51             | 44.3              | 64.56             | 0.1958 | 0.3272 | 0.4769 | 194.9           | 16 484                          | 36 584                          |      |
| -1 549c                         | 29 550                          | 26.51             | 44.3              | 64.56             | 0.1958 | 0.3272 | 0.4769 | 194.9           | 16 484                          | 36 584                          |      |
| -1 555c                         | 31 555                          | 30.78             | 52.59             | 64.61             | 0.2079 | 0.3553 | 0.4366 | 186.9           | 17 486                          | 37 588                          |      |
| -1 560c                         | 32 560                          | 33.47             | 56.77             | 64.63             | 0.2161 | 0.3665 | 0.4172 | 183.4           | 17 487                          | 38 591                          |      |
| 380                             | 770                             | 89.41             | 88.59             | 57.3              | 0.3799 | 0.3764 | 0.2435 | 0.0             |                                 |                                 |      |

| CIE data for all optimal colours of maximum (m) C <sub>AB</sub> , A00 and Y <sub>w</sub> =88,6, Y <sub>m</sub> =495_770 |                                 |                   |                   |                   |        |        |        |                 |                                 |                                 |      |      |             |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------|-------------------|-------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|------|-------------|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                         | i <sub>2</sub> , λ <sub>2</sub> | X <sub>88.6</sub> | Y <sub>88.6</sub> | Z <sub>88.6</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |      |             |
| 1                                                                                                                       | 405                             | 34                | 574               | 24.45             | 48.43  | 31.25  | 0.2347 | 0.465           | 0.3001                          | 164.8                           | 18   | 494  | 39 599 Cm   |
| 6                                                                                                                       | 435                             | 34                | 574               | 23.77             | 48.59  | 27.06  | 0.239  | 0.4887          | 0.2722                          | 158.6                           | 19   | 496  | 42 611      |
| 9                                                                                                                       | 450                             | 34                | 574               | 22.82             | 48.83  | 20.66  | 0.2472 | 0.5289          | 0.2238                          | 148.7                           | 20   | 501  | -1 501c     |
| 12                                                                                                                      | 460                             | 35                | 575               | 21.88             | 49.01  | 13.06  | 0.2606 | 0.5837          | 0.1556                          | 136.6                           | 21   | 508  | -1 508c     |
| 13                                                                                                                      | 465                             | 35                | 575               | 21.91             | 49.25  | 10.67  | 0.2677 | 0.6018          | 0.1303                          | 132.7                           | 22   | 512  | -1 512c     |
| 13                                                                                                                      | 470                             | 35                | 576               | 22.53             | 49.84  | 10.67  | 0.2712 | 0.6001          | 0.1285                          | 132.4                           | 22   | 513  | -1 513c     |
| 14                                                                                                                      | 475                             | 35                | 577               | 23.21             | 50.59  | 8.56   | 0.2817 | 0.6142          | 0.104                           | 128.7                           | 23   | 519  | -1 519c Gm  |
| 16                                                                                                                      | 480                             | 35                | 579               | 24.42             | 51.55  | 5.34   | 0.3003 | 0.6339          | 0.0656                          | 123.0                           | 26   | 532  | -1 532c     |
| 17                                                                                                                      | 485                             | 36                | 582               | 27.25             | 53.64  | 4.18   | 0.3202 | 0.6305          | 0.0491                          | 119.6                           | 28   | 540  | -1 540c     |
| 18                                                                                                                      | 490                             | 37                | 588               | 32.93             | 57.57  | 3.26   | 0.3512 | 0.6139          | 0.0348                          | 114.9                           | 29   | 548  | -1 548c max |
| 19                                                                                                                      | 495                             | 40                | 601               | 47.38             | 65.98  | 2.53   | 0.4088 | 0.5693          | 0.0218                          | 103.4                           | 31   | 559  | -1 559c Ym  |
| 20                                                                                                                      | 500                             | -1                | 500c              | 92.54             | 84.75  | 1.93   | 0.5163 | 0.4728          | 0.0107                          | 43.5                            | 35   | 576  | 13 469      |
| 21                                                                                                                      | 510                             | -1                | 509c              | 92.53             | 83.55  | 1.44   | 0.5212 | 0.4706          | 0.0081                          | 40.5                            | 35   | 576  | 14 472      |
| 24                                                                                                                      | 520                             | -1                | 520c              | 92.07             | 77.79  | 0.58   | 0.5401 | 0.4563          | 0.0034                          | 27.8                            | 35   | 579  | 16 480      |
| 26                                                                                                                      | 530                             | -1                | 530c              | 90.98             | 72.2   | 0.31   | 0.5564 | 0.4416          | 0.0019                          | 17.4                            | 36   | 582  | 16 484      |
| 28                                                                                                                      | 540                             | -1                | 540c              | 88.92             | 65.49  | 0.16   | 0.5752 | 0.4236          | 0.001                           | 7.2                             | 37   | 585  | 17 487      |
| 28                                                                                                                      | 545                             | -1                | 544c              | 88.92             | 65.49  | 0.16   | 0.5752 | 0.4236          | 0.001                           | 7.2                             | 37   | 585  | 17 487      |
| 29                                                                                                                      | 550                             | -1                | 549c              | 87.43             | 61.79  | 0.12   | 0.5854 | 0.4137          | 0.0008                          | 2.6                             | 37   | 586  | 17 489      |
| 31                                                                                                                      | 555                             | -1                | 555c              | 83.35             | 53.89  | 0.07   | 0.6069 | 0.3924          | 0.0005                          | 354.6                           | 38   | 590  | 18 491      |
| 32                                                                                                                      | 560                             | -1                | 560c              | 80.69             | 49.77  | 0.06   | 0.6182 | 0.3813          | 0.0004                          | 351.3                           | 38   | 593  | 18 492      |
| 34                                                                                                                      | 574                             | 1                 | 405               | 85.39             | 51.56  | 4.32   | 0.6044 | 0.3649          | 0.0306                          | 344.8                           | 39   | 599  | 18 494 Rm   |
| 34                                                                                                                      | 574                             | 6                 | 435               | 86.07             | 51.4   | 8.51   | 0.5895 | 0.352           | 0.0583                          | 338.7                           | 42   | 611  | 19 496      |
| 34                                                                                                                      | 574                             | 9                 | 450               | 87.02             | 51.16  | 14.92  | 0.5683 | 0.3341          | 0.0974                          | 328.7                           | -1   | 501c | 20 501      |
| 35                                                                                                                      | 575                             | 12                | 460               | 87.95             | 50.98  | 22.51  | 0.5447 | 0.3157          | 0.1394                          | 316.7                           | -1   | 508c | 21 508      |
| 35                                                                                                                      | 575                             | 13                | 465               | 87.93             | 50.74  | 24.91  | 0.5375 | 0.3101          | 0.1522                          | 312.7                           | -1   | 512c | 22 512      |
| 35                                                                                                                      | 576                             | 13                | 470               | 87.31             | 50.15  | 24.91  | 0.5377 | 0.3088          | 0.1534                          | 312.4                           | -1   | 513c | 22 513      |
| 35                                                                                                                      | 577                             | 14                | 475               | 86.63             | 49.4   | 27.01  | 0.5313 | 0.3029          | 0.1656                          | 308.7                           | -1   | 519c | 23 519 Mm   |
| 35                                                                                                                      | 579                             | 16                | 480               | 85.41             | 48.44  | 30.24  | 0.5205 | 0.2951          | 0.1842                          | 303.0                           | -1   | 532c | 26 532      |
| 36                                                                                                                      | 582                             | 17                | 485               | 82.59             | 46.35  | 31.39  | 0.5151 | 0.289           | 0.1958                          | 299.7                           | -1   | 540c | 28 540      |
| 37                                                                                                                      | 588                             | 18                | 490               | 76.91             | 42.42  | 32.31  | 0.5071 | 0.2797          | 0.213                           | 295.0                           | -1   | 548c | 29 548 min  |
| 40                                                                                                                      | 601                             | 19                | 495               | 62.46             | 34.01  | 33.05  | 0.4822 | 0.2626          | 0.2551                          | 283.4                           | -1   | 559c | 31 559 Bm   |
| -1                                                                                                                      | 500c                            | 20                | 500               | 17.3              | 15.24  | 33.65  | 0.2613 | 0.2302          | 0.5083                          | 223.5                           | 13   | 469  | 35 576      |
| -1                                                                                                                      | 509c                            | 21                | 510               | 17.31             | 16.44  | 34.14  | 0.255  | 0.2422          | 0.5027                          | 220.6                           | 14   | 472  | 35 576      |
| -1                                                                                                                      | 520c                            | 24                | 520               | 17.77             | 22.2   | 34.99  | 0.237  | 0.2961          | 0.4667                          | 207.8                           | 16   | 480  | 35 579      |
| -1                                                                                                                      | 530c                            | 26                | 530               | 18.86             | 27.79  | 35.27  | 0.2302 | 0.3392          | 0.4305                          | 197.4                           | 16   | 484  | 36 582      |
| -1                                                                                                                      | 540c                            | 28                | 540               | 20.92             | 34.5   | 35.41  | 0.2303 | 0.3797          | 0.3898                          | 187.2                           | 17   | 487  | 37 585      |
| -1                                                                                                                      | 544c                            | 28                | 545               | 20.92             | 34.5   | 35.41  | 0.2303 | 0.3797          | 0.3898                          | 187.2                           | 17   | 487  | 37 585      |
| -1                                                                                                                      | 549c                            | 29                | 550               | 22.41             | 38.2   | 35.45  | 0.2333 | 0.3976          | 0.369                           | 182.6                           | 17   | 489  | 37 586      |
| -1                                                                                                                      | 555c                            | 31                | 555               | 26.48             | 46.1   | 35.5   | 0.245  | 0.4264          | 0.3284                          | 174.6                           | 18   | 491  | 38 590      |
| -1                                                                                                                      | 560c                            | 32                | 560               | 29.15             | 50.22  | 35.52  | 0.2537 | 0.4371          | 0.3091                          | 171.2                           | 18   | 492  | 38 593      |
| 380                                                                                                                     | 770                             | 97.31             | 88.58             | 31.52             | 0.4475 | 0.4074 | 0.1449 | 0.0             |                                 |                                 |      |      |             |

| CIE data for all optimal colours of maximum (m) C <sub>AB</sub> , E00 and Y <sub>w</sub> =88,6, Y <sub>m</sub> =495_770 |                                 |                   |                   |                   |       |        |        |                 |                                 |                                 |      |      |            |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------|-------------------|-------------------|-------|--------|--------|-----------------|---------------------------------|---------------------------------|------|------|------------|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                         | i <sub>2</sub> , λ <sub>2</sub> | X <sub>88.6</sub> | Y <sub>88.6</sub> | Z <sub>88.6</sub> | x     | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |      |            |
| 1                                                                                                                       | 405                             | 32                | 564               | 28.76             | 50.87 | 87.07  | 0.1725 | 0.3051          | 0.5222                          | 189.9                           | 16   | 484  | 38 592 Cm  |
| 6                                                                                                                       | 435                             | 33                | 565               | 25.48             | 51.3  | 69.01  | 0.1747 | 0.3518          | 0.4733                          | 173.3                           | 17   | 488  | 45 627     |
| 10                                                                                                                      | 450                             | 33                | 566               | 20.65             | 51.78 | 40.05  | 0.1835 | 0.4603          | 0.3561                          | 139.6                           | 19   | 498  | -1 498c    |
| 12                                                                                                                      | 460                             | 33                | 568               | 19.25             | 52.51 | 26.36  | 0.1962 | 0.5351          | 0.2686                          | 124.1                           | 21   | 507  | -1 507c    |
| 13                                                                                                                      | 465                             | 33                | 569               | 19.21             | 53.28 | 20.52  | 0.2065 | 0.5727          | 0.2206                          | 117.8                           | 22   | 514  | -1 514c    |
| 14                                                                                                                      | 470                             | 34                | 571               | 20.0              | 54.5  | 15.7   | 0.2217 | 0.6041          | 0.174                           | 112.3                           | 24   | 522  | -1 522c    |
| 14                                                                                                                      | 475                             | 35                | 575               | 22.49             | 57.16 | 15.7   | 0.2358 | 0.5994          | 0.1646                          | 110.0                           | 25   | 525  | -1 525c Gm |
| 16                                                                                                                      | 480                             | 36                | 581               | 26.5              | 60.43 | 8.9    | 0.2765 | 0.6305          | 0.0929                          | 100.8                           | 27   | 538  | -1 538c    |
| 17                                                                                                                      | 485                             | 39                | 595               | 37.68             | 67.95 | 6.68   | 0.3355 | 0.6049          | 0.0594                          | 89.5                            | 29   | 549  | -1 549c    |
| 18                                                                                                                      | 490                             | -1                | 490c              | 73.83             | 83.75 | 4.99   | 0.4541 | 0.5151          | 0.0307                          | 56.3                            | 33   | 568  | 11 459 max |
| 19                                                                                                                      | 495                             | -1                | 495c              | 73.79             | 82.54 | 3.69   | 0.461  | 0.5157          | 0.0231                          | 54.9                            | 33   | 568  | 12 461 Ym  |
| 19                                                                                                                      | 500                             | -1                | 499c              | 73.79             | 82.54 | 3.69   | 0.461  | 0.5157          | 0.0231                          | 54.9                            | 33   | 568  | 12 461     |
| 22                                                                                                                      | 510                             | -1                | 510c              | 73.67             | 76.84 | 1.36   | 0.485  | 0.5059          | 0.0089                          | 48.6                            | 34   | 571  | 13 469     |
| 24                                                                                                                      | 520                             | -1                | 520c              | 73.12             | 70.99 | 0.69   | 0.5049 | 0.4902          | 0.0047                          | 42.4                            | 34   | 574  | 14 473     |
| 26                                                                                                                      | 530                             | -1                | 530c              | 71.74             | 63.88 | 0.33   | 0.5276 | 0.4698          | 0.0024                          | 35.0                            | 35   | 577  | 15 477     |
| 28                                                                                                                      | 540                             | -1                | 540c              | 69.32             | 56.0  | 0.16   | 0.5524 | 0.4462          | 0.0012                          | 27.2                            | 36   | 581  | 15 479     |
| 29                                                                                                                      | 545                             | -1                | 545c              | 67.68             | 51.9  | 0.11   | 0.5654 | 0.4336          | 0.0009                          | 23.3                            | 36   | 583  | 16 480     |
| 29                                                                                                                      | 550                             | -1                | 549c              | 67.68             | 51.9  | 0.11   | 0.5654 | 0.4336          | 0.0009                          | 23.3                            | 36   | 583  | 16 480     |
| 30                                                                                                                      | 555                             | -1                | 554c              | 65.72             | 47.77 | 0.08   | 0.5786 | 0.4205          | 0.0007                          | 19.5                            | 37   | 585  | 16 482     |
| 32                                                                                                                      | 560                             | -1                | 560c              | 60.79             | 39.54 | 0.05   | 0.6055 | 0.3939          | 0.0005                          | 12.5                            | 38   | 590  | 16 483     |
| 32                                                                                                                      | 564                             | 1                 | 405               | 71.23             | 49.12 | 12.92  | 0.5344 | 0.3685          | 0.097                           | 9.9                             | 38   | 592  | 16 484 Rm  |
| 33                                                                                                                      | 565                             | 6                 | 435               | 74.51             | 48.69 | 30.98  | 0.4832 | 0.3157          | 0.2009                          | 353.3                           | 45   | 627  | 17 488     |
| 33                                                                                                                      | 566                             | 10                | 450               | 79.34             | 48.21 | 59.94  | 0.4231 | 0.2571          | 0.3196                          | 319.7                           | -1   | 498c | 19 498     |
| 33                                                                                                                      | 568                             | 12                | 460               | 80.74             | 47.48 | 73.64  | 0.3999 | 0.2352          | 0.3648                          | 304.2                           | -1   | 507c | 21 507     |
| 33                                                                                                                      | 569                             | 13                | 465               | 80.78             | 46.71 | 79.47  | 0.3903 | 0.2257          | 0.3839                          | 297.9                           | -1   | 514c | 22 514     |
| 34                                                                                                                      | 571                             | 14                | 470               | 79.99             | 45.49 | 84.29  | 0.3813 | 0.2168          | 0.4018                          | 292.4                           | -1   | 522c | 24 522     |
| 35                                                                                                                      | 575                             | 14                | 475               | 77.5              | 42.83 | 84.29  | 0.3787 | 0.2093          | 0.4119                          | 290.1                           | -1   | 525c | 25 525 Mm  |
| 36                                                                                                                      | 581                             | 16                | 480               | 73.49             | 39.56 | 91.09  | 0.36   | 0.1938          | 0.4461                          | 280.8                           | -1   | 538c | 27 538     |
| 39                                                                                                                      | 595                             | 17                | 485               | 62.31             | 32.04 | 93.32  | 0.332  | 0.1707          | 0.4972                          | 269.5                           | -1   | 549c | 29 549     |
| -1                                                                                                                      | 490c                            | 18                | 490               | 26.16             | 16.24 | 95.0   | 0.1904 | 0.1182          | 0.6913                          | 236.4                           | 11   | 459  | 33 568 min |
| -1                                                                                                                      | 495c                            | 19                | 495               | 26.2              | 17.45 | 96.3   | 0.1872 | 0.1246          | 0.688                           | 235.0                           | 12   | 461  | 33 568 Bm  |
| -1                                                                                                                      | 499c                            | 19                | 500               | 26.2              | 17.45 | 96.3   | 0.1872 | 0.1246          | 0.688                           | 235.0                           | 12   | 461  | 33 568     |
| -1                                                                                                                      | 510c                            | 22                | 510               | 26.32             | 23.15 | 98.63  | 0.1777 | 0.1563          | 0.6659                          | 228.6                           | 13   | 469  | 34 571     |
| -1                                                                                                                      | 520c                            | 24                | 520               | 26.87             | 29.0  | 99.3   | 0.1731 | 0.1868          | 0.6399                          | 222.4                           | 14   | 473  | 34 574     |
| -1                                                                                                                      | 530c                            | 26                | 530               | 28.25             | 36.11 | 99.66  | 0.1722 | 0.2201          | 0.6075                          | 215.1                           | 15   | 477  | 35 577     |
| -1                                                                                                                      | 540c                            | 28                | 540               | 30.67             | 43.99 | 99.83  | 0.1757 | 0.2521          | 0.5721                          | 207.2                           | 15   | 479  | 36 581     |
| -1                                                                                                                      | 545c                            | 29                | 545               | 32.31             | 48.09 | 99.88  | 0.1792 | 0.2667          | 0.554                           | 203.3                           | 16   | 480  | 36 583     |
| -1                                                                                                                      | 549c                            | 29                | 550               | 32.31             | 48.09 | 99.88  | 0.1792 | 0.2667          | 0.554                           | 203.3                           | 16   | 480  | 36 583     |
| -1                                                                                                                      | 554c                            | 30                | 555               | 34.27             | 52.22 | 99.91  | 0.1838 | 0.2801          | 0.5359                          | 199.5                           | 16   | 482  | 37 585     |
| -1                                                                                                                      | 560c                            | 32                | 560               | 39.2              | 60.45 | 99.94  | 0.1964 | 0.3028          | 0.5007                          | 192.5                           | 16   | 483  | 38 590     |
| 380                                                                                                                     |                                 | 770               | 88.59             | 88.59             | 88.59 | 0.3333 | 0.3333 | 0.3333          | 0.0                             |                                 |      |      |            |

CIE data for all optimal colours of maximum (m) C<sub>AB</sub>, C00 and Y<sub>w</sub>=88,6, Y<sub>m</sub>=495\_770

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | X <sub>88.6</sub> | Y <sub>88.6</sub> | Z <sub>88.6</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|-------------------|-------------------|-------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|
| 1 405                           | 32 562                          | 30.57             | 51.1              | 103.67            | 0.1649 | 0.2756 | 0.5593 | 195.5           | 16 482                          | 37 589                          | Cm   |
| 6 435                           | 32 563                          | 27.1              | 51.69             | 84.28             | 0.1661 | 0.3169 | 0.5168 | 179.6           | 17 486                          | 42 612                          |      |
| 10 450                          | 32 564                          | 21.08             | 52.35             | 48.7              | 0.1726 | 0.4286 | 0.3987 | 140.6           | 19 496                          | −1 496c                         |      |
| 11 460                          | 33 566                          | 20.72             | 53.63             | 39.94             | 0.1813 | 0.4691 | 0.3494 | 130.0           | 20 501                          | −1 501c                         |      |
| 13 465                          | 33 568                          | 19.28             | 54.22             | 24.52             | 0.1967 | 0.5531 | 0.2501 | 115.5           | 22 513                          | −1 513c                         |      |
| 14 470                          | 34 570                          | 20.14             | 55.77             | 18.52             | 0.2132 | 0.5906 | 0.1961 | 109.4           | 24 522                          | −1 522c                         |      |
| 15 475                          | 35 575                          | 22.55             | 58.4              | 13.74             | 0.2381 | 0.6167 | 0.1451 | 103.4           | 26 530                          | −1 530c                         | Gm   |
| 16 480                          | 36 582                          | 28.07             | 62.97             | 10.08             | 0.2775 | 0.6227 | 0.0996 | 96.0            | 28 540                          | −1 540c                         |      |
| 16 485                          | 40 602                          | 43.26             | 73.14             | 10.09             | 0.342  | 0.5781 | 0.0798 | 83.0            | 30 551                          | −1 551c                         |      |
| 18 490                          | −1 490c                         | 69.45             | 82.68             | 5.32              | 0.441  | 0.525  | 0.0338 | 57.8            | 33 566                          | 11 459                          | max  |
| 19 495                          | −1 495c                         | 69.4              | 81.3              | 3.83              | 0.449  | 0.526  | 0.0248 | 56.4            | 33 567                          | 12 462                          | Ym   |
| 19 500                          | −1 499c                         | 69.4              | 81.3              | 3.83              | 0.449  | 0.526  | 0.0248 | 56.4            | 33 567                          | 12 462                          |      |
| 21 510                          | −1 509c                         | 69.36             | 77.66             | 1.92              | 0.4656 | 0.5214 | 0.0128 | 52.8            | 33 568                          | 13 466                          |      |
| 24 520                          | −1 520c                         | 68.74             | 69.63             | 0.69              | 0.4943 | 0.5006 | 0.0049 | 45.0            | 34 572                          | 14 472                          |      |
| 26 530                          | −1 530c                         | 67.38             | 62.62             | 0.34              | 0.5169 | 0.4804 | 0.0026 | 38.4            | 35 575                          | 15 475                          |      |
| 28 540                          | −1 540c                         | 64.9              | 54.54             | 0.16              | 0.5425 | 0.456  | 0.0013 | 31.0            | 35 579                          | 15 478                          |      |
| 28 545                          | −1 544c                         | 64.9              | 54.54             | 0.16              | 0.5425 | 0.456  | 0.0013 | 31.0            | 35 579                          | 15 478                          |      |
| 29 550                          | −1 549c                         | 63.17             | 50.25             | 0.11              | 0.5563 | 0.4425 | 0.001  | 27.1            | 36 581                          | 15 479                          |      |
| 31 555                          | −1 555c                         | 58.67             | 41.49             | 0.06              | 0.5853 | 0.4139 | 0.0006 | 19.5            | 37 586                          | 16 481                          |      |
| 31 560                          | −1 559c                         | 58.67             | 41.49             | 0.06              | 0.5853 | 0.4139 | 0.0006 | 19.5            | 37 586                          | 16 481                          |      |
| 32 562                          | 1 405                           | 67.5              | 48.89             | 14.54             | 0.5154 | 0.3734 | 0.111  | 15.5            | 37 589                          | 16 482                          | Rm   |
| 32 563                          | 6 435                           | 70.97             | 48.3              | 33.93             | 0.4632 | 0.3152 | 0.2215 | 359.6           | 42 612                          | 17 486                          |      |
| 32 564                          | 10 450                          | 76.98             | 47.64             | 69.52             | 0.3965 | 0.2454 | 0.358  | 320.7           | −1 496c                         | 19 496                          |      |
| 33 566                          | 11 460                          | 77.34             | 46.36             | 78.27             | 0.3829 | 0.2295 | 0.3875 | 310.1           | −1 501c                         | 20 501                          |      |
| 33 568                          | 13 465                          | 78.78             | 45.77             | 93.7              | 0.3609 | 0.2097 | 0.4293 | 295.6           | −1 513c                         | 22 513                          |      |
| 34 570                          | 14 470                          | 77.92             | 44.22             | 99.7              | 0.3512 | 0.1993 | 0.4494 | 289.4           | −1 522c                         | 24 522                          |      |
| 35 575                          | 15 475                          | 75.51             | 41.59             | 104.48            | 0.3407 | 0.1876 | 0.4715 | 283.4           | −1 530c                         | 26 530                          | Mm   |
| 36 582                          | 16 480                          | 70.0              | 37.02             | 108.14            | 0.3253 | 0.172  | 0.5025 | 276.0           | −1 540c                         | 28 540                          |      |
| 40 602                          | 16 485                          | 54.8              | 26.85             | 108.13            | 0.2887 | 0.1415 | 0.5697 | 263.0           | −1 551c                         | 30 551                          |      |
| −1 490c                         | 18 490                          | 28.61             | 17.31             | 112.89            | 0.1801 | 0.109  | 0.7107 | 237.9           | 11 459                          | 33 566                          | min  |
| −1 495c                         | 19 495                          | 28.66             | 18.69             | 114.38            | 0.1772 | 0.1155 | 0.7071 | 236.5           | 12 462                          | 33 567                          | Bm   |
| −1 499c                         | 19 500                          | 28.66             | 18.69             | 114.38            | 0.1772 | 0.1155 | 0.7071 | 236.5           | 12 462                          | 33 567                          |      |
| −1 509c                         | 21 510                          | 28.7              | 22.33             | 116.3             | 0.1715 | 0.1334 | 0.6949 | 232.8           | 13 466                          | 33 568                          |      |
| −1 520c                         | 24 520                          | 29.32             | 30.36             | 117.53            | 0.1654 | 0.1713 | 0.6632 | 225.0           | 14 472                          | 34 572                          |      |
| −1 530c                         | 26 530                          | 30.68             | 37.37             | 117.88            | 0.165  | 0.201  | 0.6339 | 218.4           | 15 475                          | 35 575                          |      |
| −1 540c                         | 28 540                          | 33.16             | 45.45             | 118.05            | 0.1686 | 0.231  | 0.6002 | 211.0           | 15 478                          | 35 579                          |      |
| −1 544c                         | 28 545                          | 33.16             | 45.45             | 118.05            | 0.1686 | 0.231  | 0.6002 | 211.0           | 15 478                          | 35 579                          |      |
| −1 549c                         | 29 550                          | 34.89             | 49.74             | 118.1             | 0.1721 | 0.2453 | 0.5825 | 207.1           | 15 479                          | 36 581                          |      |
| −1 555c                         | 31 555                          | 39.39             | 58.5              | 118.15            | 0.1823 | 0.2707 | 0.5468 | 199.5           | 16 481                          | 37 586                          |      |
| −1 559c                         | 31 560                          | 39.39             | 58.5              | 118.15            | 0.1823 | 0.2707 | 0.5468 | 199.5           | 16 481                          | 37 586                          |      |
| 380                             | 770                             | 86.88             | 88.59             | 104.73            | 0.31   | 0.3161 | 0.3737 | 0.0             |                                 |                                 |      |

| CIE data for all optimal colours of maximum (m) C <sub>AB</sub> , P00 and Y <sub>w</sub> =88,6, Y <sub>m</sub> =495_770 |                                 |                   |                   |                   |        |        |        |                 |                                 |                                 |      |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------|-------------------|-------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                         | i <sub>2</sub> , λ <sub>2</sub> | X <sub>88.6</sub> | Y <sub>88.6</sub> | Z <sub>88.6</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  |  |  |
| 1 405                                                                                                                   | 33 567                          | 27.24             | 50.33             | 70.7              | 0.1837 | 0.3394 | 0.4768 | 184.4           | 17 486                          | 38 594                          | Cm   |  |  |  |
| 7 435                                                                                                                   | 33 567                          | 23.68             | 50.61             | 51.5              | 0.1882 | 0.4023 | 0.4093 | 164.0           | 18 491                          | -1 491c                         |      |  |  |  |
| 10 450                                                                                                                  | 33 568                          | 20.95             | 51.06             | 33.95             | 0.1977 | 0.4818 | 0.3204 | 141.6           | 19 499                          | -1 499c                         |      |  |  |  |
| 12 460                                                                                                                  | 34 570                          | 19.8              | 51.65             | 22.7              | 0.2103 | 0.5485 | 0.2411 | 127.5           | 21 507                          | -1 507c                         |      |  |  |  |
| 13 465                                                                                                                  | 34 571                          | 19.82             | 52.22             | 17.84             | 0.2205 | 0.5809 | 0.1984 | 121.5           | 22 513                          | -1 513c                         |      |  |  |  |
| 13 470                                                                                                                  | 34 572                          | 21.05             | 53.56             | 17.84             | 0.2277 | 0.5792 | 0.1929 | 120.4           | 23 515                          | -1 515c                         |      |  |  |  |
| 15 475                                                                                                                  | 35 575                          | 22.09             | 54.9              | 10.5              | 0.2524 | 0.6274 | 0.12   | 111.4           | 25 529                          | -1 529c                         | Gm   |  |  |  |
| 16 480                                                                                                                  | 36 580                          | 25.6              | 57.9              | 7.96              | 0.2799 | 0.6329 | 0.087  | 106.0           | 27 537                          | -1 537c                         |      |  |  |  |
| 17 485                                                                                                                  | 37 589                          | 33.5              | 63.52             | 6.02              | 0.325  | 0.6164 | 0.0584 | 97.6            | 29 547                          | -1 547c                         |      |  |  |  |
| 18 490                                                                                                                  | 45 625                          | 63.97             | 78.78             | 4.54              | 0.4342 | 0.5348 | 0.0308 | 67.8            | 32 564                          | -1 564c                         | max  |  |  |  |
| 18 495                                                                                                                  | -1 494c                         | 78.64             | 84.48             | 4.54              | 0.469  | 0.5038 | 0.0271 | 54.2            | 34 570                          | 12 460                          | Ym   |  |  |  |
| 20 500                                                                                                                  | -1 500c                         | 78.59             | 82.05             | 2.49              | 0.4817 | 0.5029 | 0.0153 | 50.9            | 34 571                          | 13 465                          |      |  |  |  |
| 22 510                                                                                                                  | -1 510c                         | 78.49             | 78.23             | 1.29              | 0.4967 | 0.495  | 0.0081 | 46.1            | 34 573                          | 14 470                          |      |  |  |  |
| 24 520                                                                                                                  | -1 520c                         | 77.98             | 72.8              | 0.66              | 0.5148 | 0.4807 | 0.0043 | 39.5            | 35 575                          | 14 474                          |      |  |  |  |
| 25 530                                                                                                                  | -1 529c                         | 77.44             | 69.57             | 0.47              | 0.525  | 0.4717 | 0.0032 | 35.7            | 35 577                          | 15 476                          |      |  |  |  |
| 28 540                                                                                                                  | -1 540c                         | 74.34             | 58.47             | 0.16              | 0.559  | 0.4397 | 0.0012 | 23.5            | 36 582                          | 16 481                          |      |  |  |  |
| 28 545                                                                                                                  | -1 544c                         | 74.34             | 58.47             | 0.16              | 0.559  | 0.4397 | 0.0012 | 23.5            | 36 582                          | 16 481                          |      |  |  |  |
| 30 550                                                                                                                  | -1 550c                         | 70.8              | 50.39             | 0.08              | 0.5837 | 0.4155 | 0.0007 | 15.5            | 37 586                          | 16 483                          |      |  |  |  |
| 30 555                                                                                                                  | -1 554c                         | 70.8              | 50.39             | 0.08              | 0.5837 | 0.4155 | 0.0007 | 15.5            | 37 586                          | 16 483                          |      |  |  |  |
| 32 560                                                                                                                  | -1 560c                         | 65.87             | 42.17             | 0.05              | 0.6093 | 0.3901 | 0.0005 | 8.4             | 38 591                          | 17 485                          |      |  |  |  |
| 33 567                                                                                                                  | 1 405                           | 74.81             | 49.66             | 10.35             | 0.5548 | 0.3683 | 0.0767 | 4.4             | 38 594                          | 17 486                          | Rm   |  |  |  |
| 33 567                                                                                                                  | 7 435                           | 78.37             | 49.38             | 29.55             | 0.4982 | 0.3139 | 0.1878 | 344.0           | -1 491c                         | 18 491                          |      |  |  |  |
| 33 568                                                                                                                  | 10 450                          | 81.11             | 48.93             | 47.1              | 0.4578 | 0.2762 | 0.2659 | 321.7           | -1 499c                         | 19 499                          |      |  |  |  |
| 34 570                                                                                                                  | 12 460                          | 82.26             | 48.34             | 58.35             | 0.4353 | 0.2558 | 0.3088 | 307.5           | -1 507c                         | 21 507                          |      |  |  |  |
| 34 571                                                                                                                  | 13 465                          | 82.23             | 47.77             | 63.21             | 0.4256 | 0.2472 | 0.3271 | 301.6           | -1 513c                         | 22 513                          |      |  |  |  |
| 34 572                                                                                                                  | 13 470                          | 81.0              | 46.43             | 63.21             | 0.4248 | 0.2435 | 0.3315 | 300.4           | -1 515c                         | 23 515                          |      |  |  |  |
| 35 575                                                                                                                  | 15 475                          | 79.97             | 45.09             | 70.55             | 0.4088 | 0.2305 | 0.3606 | 291.5           | -1 529c                         | 25 529                          | Mm   |  |  |  |
| 36 580                                                                                                                  | 16 480                          | 76.45             | 42.09             | 73.09             | 0.3989 | 0.2196 | 0.3814 | 286.0           | -1 537c                         | 27 537                          |      |  |  |  |
| 37 589                                                                                                                  | 17 485                          | 68.56             | 36.47             | 75.03             | 0.3807 | 0.2025 | 0.4167 | 277.6           | -1 547c                         | 29 547                          |      |  |  |  |
| 45 625                                                                                                                  | 18 490                          | 38.09             | 21.21             | 76.51             | 0.2804 | 0.1561 | 0.5633 | 247.9           | -1 564c                         | 32 564                          | min  |  |  |  |
| -1 494c                                                                                                                 | 18 495                          | 23.42             | 15.51             | 76.51             | 0.2028 | 0.1343 | 0.6627 | 234.2           | 12 460                          | 34 570                          | Bm   |  |  |  |
| -1 500c                                                                                                                 | 20 500                          | 23.47             | 17.94             | 78.56             | 0.1956 | 0.1495 | 0.6548 | 231.0           | 13 465                          | 34 571                          |      |  |  |  |
| -1 510c                                                                                                                 | 22 510                          | 23.56             | 21.76             | 79.76             | 0.1883 | 0.1739 | 0.6376 | 226.1           | 14 470                          | 34 573                          |      |  |  |  |
| -1 520c                                                                                                                 | 24 520                          | 24.07             | 27.19             | 80.39             | 0.1828 | 0.2065 | 0.6105 | 219.5           | 14 474                          | 35 575                          |      |  |  |  |
| -1 529c                                                                                                                 | 25 530                          | 24.61             | 30.42             | 80.58             | 0.1815 | 0.2243 | 0.5941 | 215.7           | 15 476                          | 35 577                          |      |  |  |  |
| -1 540c                                                                                                                 | 28 540                          | 27.72             | 41.52             | 80.89             | 0.1846 | 0.2765 | 0.5388 | 203.5           | 16 481                          | 36 582                          |      |  |  |  |
| -1 544c                                                                                                                 | 28 545                          | 27.72             | 41.52             | 80.89             | 0.1846 | 0.2765 | 0.5388 | 203.5           | 16 481                          | 36 582                          |      |  |  |  |
| -1 550c                                                                                                                 | 30 550                          | 31.26             | 49.6              | 80.97             | 0.1931 | 0.3065 | 0.5003 | 195.6           | 16 483                          | 37 586                          |      |  |  |  |
| -1 554c                                                                                                                 | 30 555                          | 31.26             | 49.6              | 80.97             | 0.1931 | 0.3065 | 0.5003 | 195.6           | 16 483                          | 37 586                          |      |  |  |  |
| -1 560c                                                                                                                 | 32 560                          | 36.19             | 57.82             | 81.0              | 0.2067 | 0.3303 | 0.4628 | 188.4           | 17 485                          | 38 591                          |      |  |  |  |
| 380                                                                                                                     | 770                             | 90.42             | 88.59             | 71.81             | 0.3604 | 0.3531 | 0.2863 | 0.0             |                                 |                                 |      |  |  |  |

| CIE data for all optimal colours of maximum (m) C <sub>AB</sub> , Q00 and Y <sub>w</sub> =88,6, Y <sub>m</sub> =495_770 |                                 |                   |                   |                   |        |        |        |                 |                                 |                                 |      |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------|-------------------|-------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                         | i <sub>2</sub> , λ <sub>2</sub> | X <sub>88.6</sub> | Y <sub>88.6</sub> | Z <sub>88.6</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  |  |  |
| 1 405                                                                                                                   | 32 562                          | 30.39             | 51.28             | 103.44            | 0.1641 | 0.277  | 0.5587 | 194.9           | 16 482                          | 38 590                          | Cm   |  |  |  |
| 7 435                                                                                                                   | 32 562                          | 24.57             | 51.72             | 72.55             | 0.165  | 0.3474 | 0.4874 | 167.4           | 17 488                          | −1 488c                         |      |  |  |  |
| 10 450                                                                                                                  | 32 564                          | 20.35             | 52.44             | 46.16             | 0.171  | 0.4408 | 0.388  | 137.7           | 19 497                          | −1 497c                         |      |  |  |  |
| 11 460                                                                                                                  | 33 566                          | 20.01             | 53.67             | 37.79             | 0.1795 | 0.4814 | 0.339  | 127.9           | 20 502                          | −1 502c                         |      |  |  |  |
| 12 465                                                                                                                  | 33 568                          | 19.74             | 54.66             | 30.01             | 0.189  | 0.5234 | 0.2874 | 119.9           | 21 508                          | −1 508c                         |      |  |  |  |
| 14 470                                                                                                                  | 34 570                          | 19.52             | 55.78             | 17.62             | 0.21   | 0.6002 | 0.1896 | 109.1           | 24 522                          | −1 522c                         |      |  |  |  |
| 15 475                                                                                                                  | 35 575                          | 21.9              | 58.38             | 13.22             | 0.2342 | 0.6243 | 0.1413 | 103.6           | 26 530                          | −1 530c                         | Gm   |  |  |  |
| 16 480                                                                                                                  | 36 582                          | 27.43             | 62.99             | 9.85              | 0.2735 | 0.6281 | 0.0982 | 96.4            | 27 539                          | −1 539c                         |      |  |  |  |
| 17 485                                                                                                                  | 40 602                          | 42.96             | 72.6              | 7.33              | 0.3496 | 0.5907 | 0.0596 | 81.5            | 30 552                          | −1 552c                         |      |  |  |  |
| 17 490                                                                                                                  | −1 489c                         | 69.13             | 84.1              | 7.34              | 0.4305 | 0.5237 | 0.0457 | 59.7            | 33 565                          | 11 455                          | max  |  |  |  |
| 18 495                                                                                                                  | −1 494c                         | 69.02             | 83.02             | 5.43              | 0.4382 | 0.5271 | 0.0345 | 58.5            | 33 565                          | 11 458                          | Ym   |  |  |  |
| 20 500                                                                                                                  | −1 500c                         | 68.96             | 80.01             | 2.88              | 0.4541 | 0.5268 | 0.019  | 55.5            | 33 567                          | 12 463                          |      |  |  |  |
| 21 510                                                                                                                  | −1 509c                         | 68.93             | 77.94             | 2.04              | 0.4628 | 0.5233 | 0.0137 | 53.4            | 33 568                          | 13 465                          |      |  |  |  |
| 23 520                                                                                                                  | −1 519c                         | 68.64             | 72.51             | 1.01              | 0.4828 | 0.51   | 0.0071 | 48.1            | 34 571                          | 14 470                          |      |  |  |  |
| 26 530                                                                                                                  | −1 530c                         | 66.8              | 61.69             | 0.34              | 0.5185 | 0.4788 | 0.0026 | 37.9            | 35 576                          | 15 475                          |      |  |  |  |
| 27 540                                                                                                                  | −1 539c                         | 65.69             | 57.66             | 0.23              | 0.5315 | 0.4665 | 0.0018 | 34.1            | 35 578                          | 15 477                          |      |  |  |  |
| 28 545                                                                                                                  | −1 544c                         | 64.3              | 53.52             | 0.16              | 0.545  | 0.4536 | 0.0013 | 30.3            | 36 580                          | 15 478                          |      |  |  |  |
| 29 550                                                                                                                  | −1 549c                         | 62.62             | 49.33             | 0.11              | 0.5587 | 0.4402 | 0.001  | 26.5            | 36 582                          | 15 479                          |      |  |  |  |
| 30 555                                                                                                                  | −1 554c                         | 60.64             | 45.14             | 0.08              | 0.5727 | 0.4264 | 0.0007 | 22.7            | 36 584                          | 16 480                          |      |  |  |  |
| 31 560                                                                                                                  | −1 559c                         | 58.33             | 40.99             | 0.06              | 0.5869 | 0.4124 | 0.0006 | 19.2            | 37 587                          | 16 481                          |      |  |  |  |
| 32 562                                                                                                                  | 1 405                           | 67.54             | 48.71             | 15.51             | 0.5125 | 0.3697 | 0.1177 | 14.8            | 38 590                          | 16 482                          | Rm   |  |  |  |
| 32 562                                                                                                                  | 7 435                           | 73.36             | 48.27             | 46.39             | 0.4365 | 0.2872 | 0.2761 | 347.5           | −1 488c                         | 17 488                          |      |  |  |  |
| 32 564                                                                                                                  | 10 450                          | 77.57             | 47.55             | 72.78             | 0.3919 | 0.2402 | 0.3677 | 317.7           | −1 497c                         | 19 497                          |      |  |  |  |
| 33 566                                                                                                                  | 11 460                          | 77.92             | 46.32             | 81.15             | 0.3793 | 0.2255 | 0.3951 | 308.0           | −1 502c                         | 20 502                          |      |  |  |  |
| 33 568                                                                                                                  | 12 465                          | 78.18             | 45.33             | 88.93             | 0.368  | 0.2133 | 0.4186 | 300.0           | −1 508c                         | 21 508                          |      |  |  |  |
| 34 570                                                                                                                  | 14 470                          | 78.4              | 44.21             | 101.32            | 0.3501 | 0.1974 | 0.4524 | 289.2           | −1 522c                         | 24 522                          |      |  |  |  |
| 35 575                                                                                                                  | 15 475                          | 76.02             | 41.61             | 105.73            | 0.3403 | 0.1862 | 0.4733 | 283.6           | −1 530c                         | 26 530                          | Mm   |  |  |  |
| 36 582                                                                                                                  | 16 480                          | 70.49             | 37.0              | 109.09            | 0.3254 | 0.1708 | 0.5036 | 276.5           | −1 539c                         | 27 539                          |      |  |  |  |
| 40 602                                                                                                                  | 17 485                          | 54.96             | 27.39             | 111.61            | 0.2833 | 0.1412 | 0.5754 | 261.6           | −1 552c                         | 30 552                          |      |  |  |  |
| −1 489c                                                                                                                 | 17 490                          | 28.79             | 15.89             | 111.61            | 0.1842 | 0.1016 | 0.714  | 239.7           | 11 455                          | 33 565                          | min  |  |  |  |
| −1 494c                                                                                                                 | 18 495                          | 28.9              | 16.97             | 113.51            | 0.1813 | 0.1065 | 0.7121 | 238.6           | 11 458                          | 33 565                          | Bm   |  |  |  |
| −1 500c                                                                                                                 | 20 500                          | 28.97             | 19.98             | 116.06            | 0.1755 | 0.1211 | 0.7033 | 235.5           | 12 463                          | 33 567                          |      |  |  |  |
| −1 509c                                                                                                                 | 21 510                          | 28.99             | 22.05             | 116.9             | 0.1726 | 0.1312 | 0.696  | 233.5           | 13 465                          | 33 568                          |      |  |  |  |
| −1 519c                                                                                                                 | 23 520                          | 29.28             | 27.48             | 117.93            | 0.1676 | 0.1573 | 0.675  | 228.2           | 14 470                          | 34 571                          |      |  |  |  |
| −1 530c                                                                                                                 | 26 530                          | 31.12             | 38.3              | 118.61            | 0.1655 | 0.2037 | 0.6307 | 217.9           | 15 475                          | 35 576                          |      |  |  |  |
| −1 539c                                                                                                                 | 27 540                          | 32.23             | 42.33             | 118.72            | 0.1667 | 0.219  | 0.6141 | 214.1           | 15 477                          | 35 578                          |      |  |  |  |
| −1 544c                                                                                                                 | 28 545                          | 33.62             | 46.47             | 118.79            | 0.169  | 0.2336 | 0.5972 | 210.3           | 15 478                          | 36 580                          |      |  |  |  |
| −1 549c                                                                                                                 | 29 550                          | 35.3              | 50.66             | 118.83            | 0.1723 | 0.2473 | 0.5802 | 206.5           | 15 479                          | 36 582                          |      |  |  |  |
| −1 554c                                                                                                                 | 30 555                          | 37.29             | 54.85             | 118.87            | 0.1767 | 0.2599 | 0.5633 | 202.8           | 16 480                          | 36 584                          |      |  |  |  |
| −1 559c                                                                                                                 | 31 560                          | 39.59             | 59.0              | 118.89            | 0.182  | 0.2713 | 0.5466 | 199.2           | 16 481                          | 37 587                          |      |  |  |  |
| 380                                                                                                                     | 770                             | 86.75             | 88.59             | 105.38            | 0.309  | 0.3155 | 0.3753 | 0.0             |                                 |                                 |      |  |  |  |

| CIE data for all optimal colours of maximum (m) C <sub>AB</sub> , D65 and Y <sub>w,10</sub> =88,6, Y <sub>m</sub> =495_770 |                                 |                   |                   |                   |        |        |        |                 |                                 |                                 |      |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------|-------------------|-------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                            | i <sub>2</sub> , λ <sub>2</sub> | X <sub>88.6</sub> | Y <sub>88.6</sub> | Z <sub>88.6</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  |  |  |
| 0 405                                                                                                                      | 31 556                          | 28.12             | 50.11             | 94.37             | 0.1629 | 0.2903 | 0.5467 | 195.0           | 15 476                          | 37 585                          | Cm   |  |  |  |
| 6 435                                                                                                                      | 31 557                          | 24.8              | 50.86             | 74.08             | 0.1656 | 0.3396 | 0.4947 | 176.6           | 16 480                          | 44 621                          |      |  |  |  |
| 10 450                                                                                                                     | 31 559                          | 19.54             | 50.96             | 41.21             | 0.1749 | 0.4561 | 0.3689 | 137.9           | 18 491                          | -1 491c                         |      |  |  |  |
| 11 460                                                                                                                     | 32 562                          | 19.75             | 52.51             | 33.04             | 0.1875 | 0.4986 | 0.3137 | 126.9           | 19 498                          | -1 498c                         |      |  |  |  |
| 12 465                                                                                                                     | 33 565                          | 20.22             | 53.96             | 25.67             | 0.2025 | 0.5403 | 0.2571 | 117.9           | 21 506                          | -1 506c                         |      |  |  |  |
| 14 470                                                                                                                     | 34 570                          | 21.81             | 55.87             | 14.19             | 0.2373 | 0.6081 | 0.1544 | 105.3           | 24 522                          | -1 522c                         |      |  |  |  |
| 15 475                                                                                                                     | 35 579                          | 27.93             | 60.81             | 10.22             | 0.2822 | 0.6144 | 0.1032 | 96.3            | 26 533                          | -1 533c                         | Gm   |  |  |  |
| 16 480                                                                                                                     | 41 606                          | 47.87             | 72.59             | 7.29              | 0.3746 | 0.5682 | 0.0571 | 75.5            | 30 550                          | -1 550c                         |      |  |  |  |
| 16 485                                                                                                                     | -1 484c                         | 68.26             | 81.76             | 7.29              | 0.4339 | 0.5197 | 0.0463 | 57.5            | 32 560                          | 10 454                          |      |  |  |  |
| 18 490                                                                                                                     | -1 490c                         | 68.1              | 78.9              | 3.72              | 0.4518 | 0.5234 | 0.0247 | 54.3            | 32 562                          | 11 459                          | max  |  |  |  |
| 19 495                                                                                                                     | -1 495c                         | 68.08             | 77.11             | 2.63              | 0.4605 | 0.5216 | 0.0178 | 52.4            | 32 563                          | 12 461                          | Ym   |  |  |  |
| 19 500                                                                                                                     | -1 499c                         | 68.08             | 77.11             | 2.63              | 0.4605 | 0.5216 | 0.0178 | 52.4            | 32 563                          | 12 461                          |      |  |  |  |
| 22 510                                                                                                                     | -1 510c                         | 67.71             | 70.07             | 0.89              | 0.4882 | 0.5052 | 0.0064 | 44.9            | 33 566                          | 13 466                          |      |  |  |  |
| 23 520                                                                                                                     | -1 519c                         | 67.33             | 67.16             | 0.6               | 0.4983 | 0.4971 | 0.0045 | 41.9            | 33 568                          | 13 468                          |      |  |  |  |
| 26 530                                                                                                                     | -1 530c                         | 64.81             | 56.85             | 0.14              | 0.532  | 0.4667 | 0.0012 | 31.8            | 34 573                          | 14 472                          |      |  |  |  |
| 27 540                                                                                                                     | -1 539c                         | 63.44             | 53.07             | 0.07              | 0.5441 | 0.4551 | 0.0006 | 28.3            | 35 576                          | 14 473                          |      |  |  |  |
| 28 545                                                                                                                     | -1 544c                         | 61.79             | 49.2              | 0.03              | 0.5565 | 0.4431 | 0.0003 | 24.7            | 35 578                          | 14 474                          |      |  |  |  |
| 29 550                                                                                                                     | -1 549c                         | 59.85             | 45.28             | 0.01              | 0.5691 | 0.4306 | 0.0001 | 21.3            | 36 580                          | 15 475                          |      |  |  |  |
| 31 555                                                                                                                     | -1 555c                         | 55.06             | 37.53             | 0.0               | 0.5946 | 0.4053 | 0.0    | 14.8            | 37 586                          | 15 476                          |      |  |  |  |
| 32 560                                                                                                                     | 10 451                          | 62.45             | 35.47             | 51.78             | 0.4171 | 0.2369 | 0.3458 | 317.7           | -1 492c                         | 18 492                          |      |  |  |  |
| 31 556                                                                                                                     | 0 405                           | 66.68             | 49.88             | 12.95             | 0.5148 | 0.3851 | 0.1    | 15.0            | 37 585                          | 15 476                          | Rm   |  |  |  |
| 31 557                                                                                                                     | 6 435                           | 70.0              | 49.13             | 33.24             | 0.4594 | 0.3224 | 0.2181 | 356.6           | 44 621                          | 16 480                          |      |  |  |  |
| 31 559                                                                                                                     | 10 450                          | 75.26             | 49.03             | 66.11             | 0.3952 | 0.2575 | 0.3472 | 317.9           | -1 491c                         | 18 491                          |      |  |  |  |
| 32 562                                                                                                                     | 11 460                          | 75.06             | 47.48             | 74.29             | 0.3813 | 0.2412 | 0.3774 | 307.0           | -1 498c                         | 19 498                          |      |  |  |  |
| 33 565                                                                                                                     | 12 465                          | 74.58             | 46.03             | 81.65             | 0.3687 | 0.2275 | 0.4036 | 298.0           | -1 506c                         | 21 506                          |      |  |  |  |
| 34 570                                                                                                                     | 14 470                          | 73.0              | 44.12             | 93.14             | 0.3471 | 0.2098 | 0.4429 | 285.4           | -1 522c                         | 24 522                          |      |  |  |  |
| 35 579                                                                                                                     | 15 475                          | 66.88             | 39.18             | 97.11             | 0.3291 | 0.1928 | 0.4779 | 276.3           | -1 533c                         | 26 533                          | Mm   |  |  |  |
| 41 606                                                                                                                     | 16 480                          | 46.93             | 27.4              | 100.03            | 0.2691 | 0.1571 | 0.5736 | 255.6           | -1 550c                         | 30 550                          |      |  |  |  |
| -1 484c                                                                                                                    | 16 485                          | 26.54             | 18.23             | 100.03            | 0.1833 | 0.1258 | 0.6907 | 237.5           | 10 454                          | 32 560                          |      |  |  |  |
| -1 490c                                                                                                                    | 18 490                          | 26.71             | 21.09             | 103.61            | 0.1764 | 0.1393 | 0.6842 | 234.3           | 11 459                          | 32 562                          | min  |  |  |  |
| -1 495c                                                                                                                    | 19 495                          | 26.73             | 22.88             | 104.69            | 0.1732 | 0.1482 | 0.6784 | 232.4           | 12 461                          | 32 563                          | Bm   |  |  |  |
| -1 499c                                                                                                                    | 19 500                          | 26.73             | 22.88             | 104.69            | 0.1732 | 0.1482 | 0.6784 | 232.4           | 12 461                          | 32 563                          |      |  |  |  |
| -1 510c                                                                                                                    | 22 510                          | 27.1              | 29.92             | 106.43            | 0.1657 | 0.183  | 0.6511 | 225.0           | 13 466                          | 33 566                          |      |  |  |  |
| -1 519c                                                                                                                    | 23 520                          | 27.48             | 32.83             | 106.72            | 0.1645 | 0.1965 | 0.6389 | 222.0           | 13 468                          | 33 568                          |      |  |  |  |
| -1 530c                                                                                                                    | 26 530                          | 30.0              | 43.14             | 107.18            | 0.1663 | 0.2392 | 0.5943 | 211.8           | 14 472                          | 34 573                          |      |  |  |  |
| -1 539c                                                                                                                    | 27 540                          | 31.36             | 46.92             | 107.25            | 0.169  | 0.2529 | 0.578  | 208.3           | 14 473                          | 35 576                          |      |  |  |  |
| -1 544c                                                                                                                    | 28 545                          | 33.01             | 50.79             | 107.29            | 0.1727 | 0.2657 | 0.5614 | 204.8           | 14 474                          | 35 578                          |      |  |  |  |
| -1 549c                                                                                                                    | 29 550                          | 34.96             | 54.71             | 107.32            | 0.1774 | 0.2777 | 0.5447 | 201.3           | 15 475                          | 36 580                          |      |  |  |  |
| -1 555c                                                                                                                    | 31 555                          | 39.75             | 62.46             | 107.33            | 0.1896 | 0.298  | 0.5122 | 194.8           | 15 476                          | 37 586                          |      |  |  |  |
| 10 451                                                                                                                     | 32 560                          | 32.36             | 64.52             | 55.55             | 0.2122 | 0.4232 | 0.3644 | 137.6           | 18 492                          | -1 492c                         |      |  |  |  |
| 380                                                                                                                        | 770                             | 83.99             | 88.59             | 95.08             | 0.3137 | 0.3309 | 0.3552 | 0.0             |                                 |                                 |      |  |  |  |

| CIE data for all optimal colours of maximum (m) C <sub>AB</sub> , D50 and Y <sub>w,10</sub> =88,6, Y <sub>m</sub> =495_770 |                                 |                   |                   |                   |        |        |        |                 |                                 |                                 |      |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------|-------------------|-------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                            | i <sub>2</sub> , λ <sub>2</sub> | X <sub>88.6</sub> | Y <sub>88.6</sub> | Z <sub>88.6</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  |  |  |
| 1 405                                                                                                                      | 31 559                          | 25.72             | 49.57             | 71.05             | 0.1757 | 0.3387 | 0.4855 | 186.9           | 15 479                          | 37 589                          | Cm   |  |  |  |
| 7 435                                                                                                                      | 32 561                          | 22.74             | 49.98             | 52.96             | 0.1809 | 0.3976 | 0.4213 | 167.1           | 16 484                          | 58 693                          |      |  |  |  |
| 10 450                                                                                                                     | 32 562                          | 19.94             | 50.19             | 33.68             | 0.1921 | 0.4834 | 0.3244 | 141.4           | 18 493                          | -1 493c                         |      |  |  |  |
| 12 460                                                                                                                     | 32 564                          | 19.11             | 50.86             | 21.5              | 0.2089 | 0.5559 | 0.2351 | 125.2           | 20 503                          | -1 503c                         |      |  |  |  |
| 13 465                                                                                                                     | 33 566                          | 19.68             | 51.8              | 16.41             | 0.2239 | 0.5892 | 0.1867 | 118.3           | 22 512                          | -1 512c                         |      |  |  |  |
| 14 470                                                                                                                     | 34 570                          | 21.54             | 53.71             | 12.21             | 0.2462 | 0.614  | 0.1396 | 111.7           | 24 521                          | -1 521c                         |      |  |  |  |
| 15 475                                                                                                                     | 35 576                          | 25.74             | 57.15             | 8.92              | 0.2803 | 0.6224 | 0.0971 | 104.3           | 26 531                          | -1 531c                         | Gm   |  |  |  |
| 16 480                                                                                                                     | 38 590                          | 36.57             | 64.56             | 6.46              | 0.3399 | 0.6    | 0.06   | 91.8            | 28 543                          | -1 543c                         |      |  |  |  |
| 17 485                                                                                                                     | -1 485c                         | 73.94             | 82.03             | 4.68              | 0.4602 | 0.5105 | 0.0291 | 53.2            | 32 563                          | 11 458                          |      |  |  |  |
| 18 490                                                                                                                     | -1 490c                         | 73.91             | 80.7              | 3.39              | 0.4677 | 0.5107 | 0.0214 | 51.5            | 32 564                          | 12 460                          | max  |  |  |  |
| 19 495                                                                                                                     | -1 495c                         | 73.89             | 79.13             | 2.43              | 0.4753 | 0.509  | 0.0156 | 49.5            | 33 565                          | 12 462                          | Ym   |  |  |  |
| 20 500                                                                                                                     | -1 500c                         | 73.85             | 77.28             | 1.72              | 0.4831 | 0.5055 | 0.0113 | 47.1            | 33 566                          | 12 464                          |      |  |  |  |
| 21 510                                                                                                                     | -1 509c                         | 73.75             | 75.15             | 1.22              | 0.4912 | 0.5005 | 0.0081 | 44.4            | 33 567                          | 13 466                          |      |  |  |  |
| 24 520                                                                                                                     | -1 520c                         | 72.64             | 66.96             | 0.39              | 0.5188 | 0.4783 | 0.0027 | 34.7            | 34 571                          | 14 471                          |      |  |  |  |
| 25 530                                                                                                                     | -1 529c                         | 71.83             | 63.63             | 0.24              | 0.5293 | 0.4688 | 0.0018 | 31.0            | 34 573                          | 14 473                          |      |  |  |  |
| 28 540                                                                                                                     | -1 540c                         | 67.8              | 52.55             | 0.03              | 0.5631 | 0.4365 | 0.0002 | 19.6            | 35 579                          | 15 476                          |      |  |  |  |
| 29 545                                                                                                                     | -1 545c                         | 65.86             | 48.65             | 0.01              | 0.575  | 0.4248 | 0.0001 | 16.0            | 36 581                          | 15 477                          |      |  |  |  |
| 29 550                                                                                                                     | -1 549c                         | 65.86             | 48.65             | 0.01              | 0.575  | 0.4248 | 0.0001 | 16.0            | 36 581                          | 15 477                          |      |  |  |  |
| 31 555                                                                                                                     | -1 555c                         | 61.01             | 40.81             | 0.0               | 0.5991 | 0.4008 | 0.0    | 9.3             | 37 587                          | 15 479                          |      |  |  |  |
| 32 560                                                                                                                     | 2 411                           | 58.5              | 37.02             | 1.78              | 0.6012 | 0.3804 | 0.0183 | 4.7             | 38 591                          | 16 480                          |      |  |  |  |
| 31 559                                                                                                                     | 1 405                           | 70.99             | 50.42             | 10.35             | 0.5387 | 0.3826 | 0.0785 | 6.9             | 37 589                          | 15 479                          | Rm   |  |  |  |
| 32 561                                                                                                                     | 7 435                           | 73.98             | 50.01             | 28.44             | 0.4852 | 0.328  | 0.1866 | 347.1           | 58 693                          | 16 484                          |      |  |  |  |
| 32 562                                                                                                                     | 10 450                          | 76.78             | 49.8              | 47.72             | 0.4404 | 0.2857 | 0.2738 | 321.5           | -1 493c                         | 18 493                          |      |  |  |  |
| 32 564                                                                                                                     | 12 460                          | 77.61             | 49.13             | 59.9              | 0.4158 | 0.2632 | 0.3209 | 305.2           | -1 503c                         | 20 503                          |      |  |  |  |
| 33 566                                                                                                                     | 13 465                          | 77.03             | 48.19             | 64.99             | 0.4049 | 0.2533 | 0.3416 | 298.3           | -1 512c                         | 22 512                          |      |  |  |  |
| 34 570                                                                                                                     | 14 470                          | 75.18             | 46.28             | 69.19             | 0.3943 | 0.2427 | 0.3629 | 291.7           | -1 521c                         | 24 521                          |      |  |  |  |
| 35 576                                                                                                                     | 15 475                          | 70.98             | 42.84             | 72.48             | 0.3809 | 0.2299 | 0.389  | 284.4           | -1 531c                         | 26 531                          | Mm   |  |  |  |
| 38 590                                                                                                                     | 16 480                          | 60.14             | 35.43             | 74.95             | 0.3526 | 0.2077 | 0.4395 | 271.9           | -1 543c                         | 28 543                          |      |  |  |  |
| -1 485c                                                                                                                    | 17 485                          | 22.77             | 17.96             | 76.72             | 0.1938 | 0.1529 | 0.6531 | 233.3           | 11 458                          | 32 563                          |      |  |  |  |
| -1 490c                                                                                                                    | 18 490                          | 22.81             | 19.29             | 78.02             | 0.1899 | 0.1605 | 0.6494 | 231.5           | 12 460                          | 32 564                          | min  |  |  |  |
| -1 495c                                                                                                                    | 19 495                          | 22.83             | 20.86             | 78.97             | 0.1861 | 0.1701 | 0.6437 | 229.5           | 12 462                          | 33 565                          | Bm   |  |  |  |
| -1 500c                                                                                                                    | 20 500                          | 22.86             | 22.71             | 79.68             | 0.1825 | 0.1813 | 0.636  | 227.1           | 12 464                          | 33 566                          |      |  |  |  |
| -1 509c                                                                                                                    | 21 510                          | 22.96             | 24.84             | 80.18             | 0.1794 | 0.1941 | 0.6264 | 224.5           | 13 466                          | 33 567                          |      |  |  |  |
| -1 520c                                                                                                                    | 24 520                          | 24.08             | 33.03             | 81.02             | 0.1743 | 0.2391 | 0.5865 | 214.7           | 14 471                          | 34 571                          |      |  |  |  |
| -1 529c                                                                                                                    | 25 530                          | 24.88             | 36.36             | 81.16             | 0.1747 | 0.2553 | 0.5699 | 211.0           | 14 473                          | 34 573                          |      |  |  |  |
| -1 540c                                                                                                                    | 28 540                          | 28.92             | 47.44             | 81.37             | 0.1833 | 0.3007 | 0.5158 | 199.6           | 15 476                          | 35 579                          |      |  |  |  |
| -1 545c                                                                                                                    | 29 545                          | 30.86             | 51.34             | 81.39             | 0.1886 | 0.3138 | 0.4975 | 196.0           | 15 477                          | 36 581                          |      |  |  |  |
| -1 549c                                                                                                                    | 29 550                          | 30.86             | 51.34             | 81.39             | 0.1886 | 0.3138 | 0.4975 | 196.0           | 15 477                          | 36 581                          |      |  |  |  |
| -1 555c                                                                                                                    | 31 555                          | 35.7              | 59.18             | 81.41             | 0.2025 | 0.3356 | 0.4617 | 189.3           | 15 479                          | 37 587                          |      |  |  |  |
| 2 411                                                                                                                      | 32 560                          | 38.21             | 62.97             | 79.63             | 0.2113 | 0.3482 | 0.4403 | 184.7           | 16 480                          | 38 591                          |      |  |  |  |
| 380                                                                                                                        | 770                             | 85.68             | 88.58             | 72.12             | 0.3477 | 0.3595 | 0.2927 | 0.0             |                                 |                                 |      |  |  |  |
| 2-001020-1.0                                                                                                               |                                 | TS100-7A-1        |                   |                   |        |        |        |                 |                                 |                                 |      |  |  |  |

| CIE data for all optimal colours of maximum (m) C <sub>AB</sub> , P40 and Y <sub>w,10</sub> =88,6, Y <sub>m</sub> =495_770 |                                 |                   |                   |                   |        |        |        |                 |                                 |                                 |      |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------|-------------------|-------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                            | i <sub>2</sub> , λ <sub>2</sub> | X <sub>88.6</sub> | Y <sub>88.6</sub> | Z <sub>88.6</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  |  |  |
| 0 405                                                                                                                      | 32 563                          | 25.22             | 48.29             | 56.71             | 0.1937 | 0.3708 | 0.4354 | 181.4           | 16 481                          | 38 591                          | Cm   |  |  |  |
| 7 435                                                                                                                      | 32 564                          | 22.5              | 48.56             | 40.64             | 0.2014 | 0.4347 | 0.3638 | 161.8           | 17 487                          | −1 487c                         |      |  |  |  |
| 10 450                                                                                                                     | 33 565                          | 20.53             | 48.79             | 26.34             | 0.2146 | 0.5099 | 0.2753 | 141.2           | 19 495                          | −1 495c                         |      |  |  |  |
| 12 460                                                                                                                     | 33 567                          | 20.14             | 49.38             | 17.32             | 0.2319 | 0.5686 | 0.1994 | 127.9           | 21 505                          | −1 505c                         |      |  |  |  |
| 12 465                                                                                                                     | 33 568                          | 21.3              | 50.64             | 17.32             | 0.2386 | 0.5673 | 0.194  | 126.8           | 21 506                          | −1 506c                         |      |  |  |  |
| 14 470                                                                                                                     | 34 571                          | 22.34             | 51.74             | 10.14             | 0.2652 | 0.6142 | 0.1204 | 116.0           | 24 521                          | −1 521c                         |      |  |  |  |
| 15 475                                                                                                                     | 35 576                          | 25.73             | 54.48             | 7.56              | 0.2931 | 0.6206 | 0.0861 | 109.9           | 26 531                          | −1 531c                         | Gm   |  |  |  |
| 16 480                                                                                                                     | 37 585                          | 33.82             | 60.22             | 5.58              | 0.3394 | 0.6044 | 0.056  | 100.5           | 28 542                          | −1 542c                         |      |  |  |  |
| 17 485                                                                                                                     | 42 611                          | 57.84             | 73.36             | 4.1               | 0.4274 | 0.5421 | 0.0303 | 74.7            | 31 558                          | −1 558c                         |      |  |  |  |
| 17 490                                                                                                                     | −1 489c                         | 80.89             | 83.41             | 4.1               | 0.4803 | 0.4952 | 0.0243 | 50.6            | 33 566                          | 11 458                          | max  |  |  |  |
| 19 495                                                                                                                     | −1 495c                         | 80.84             | 80.92             | 2.17              | 0.4931 | 0.4935 | 0.0132 | 46.7            | 33 568                          | 12 463                          | Ym   |  |  |  |
| 20 500                                                                                                                     | −1 500c                         | 80.81             | 79.31             | 1.56              | 0.4998 | 0.4905 | 0.0096 | 44.3            | 33 569                          | 13 465                          |      |  |  |  |
| 22 510                                                                                                                     | −1 510c                         | 80.54             | 75.25             | 0.78              | 0.5143 | 0.4805 | 0.005  | 38.4            | 34 571                          | 13 469                          |      |  |  |  |
| 23 520                                                                                                                     | −1 519c                         | 80.22             | 72.76             | 0.54              | 0.5225 | 0.4739 | 0.0035 | 35.0            | 34 572                          | 14 471                          |      |  |  |  |
| 25 530                                                                                                                     | −1 529c                         | 78.98             | 66.96             | 0.22              | 0.5403 | 0.4581 | 0.0015 | 27.5            | 35 575                          | 14 474                          |      |  |  |  |
| 28 540                                                                                                                     | −1 540c                         | 75.19             | 56.6              | 0.03              | 0.5703 | 0.4293 | 0.0002 | 15.9            | 36 581                          | 15 477                          |      |  |  |  |
| 28 545                                                                                                                     | −1 544c                         | 75.19             | 56.6              | 0.03              | 0.5703 | 0.4293 | 0.0002 | 15.9            | 36 581                          | 15 477                          |      |  |  |  |
| 30 550                                                                                                                     | −1 550c                         | 71.13             | 49.03             | 0.0               | 0.5919 | 0.408  | 0.0    | 8.7             | 37 585                          | 15 479                          |      |  |  |  |
| 31 555                                                                                                                     | −1 555c                         | 68.55             | 45.14             | 0.0               | 0.6029 | 0.397  | 0.0    | 5.5             | 37 587                          | 16 480                          |      |  |  |  |
| 31 560                                                                                                                     | −1 559c                         | 68.55             | 45.14             | 0.0               | 0.6029 | 0.397  | 0.0    | 5.5             | 37 587                          | 16 480                          |      |  |  |  |
| 32 563                                                                                                                     | 0 405                           | 76.52             | 51.7              | 7.73              | 0.5628 | 0.3803 | 0.0568 | 1.4             | 38 591                          | 16 481                          | Rm   |  |  |  |
| 32 564                                                                                                                     | 7 435                           | 79.24             | 51.43             | 23.8              | 0.5129 | 0.3329 | 0.154  | 341.9           | −1 487c                         | 17 487                          |      |  |  |  |
| 33 565                                                                                                                     | 10 450                          | 81.21             | 51.2              | 38.09             | 0.4762 | 0.3003 | 0.2234 | 321.3           | −1 495c                         | 19 495                          |      |  |  |  |
| 33 567                                                                                                                     | 12 460                          | 81.6              | 50.61             | 47.12             | 0.455  | 0.2822 | 0.2627 | 307.9           | −1 505c                         | 21 505                          |      |  |  |  |
| 33 568                                                                                                                     | 12 465                          | 80.44             | 49.35             | 47.12             | 0.4547 | 0.2789 | 0.2663 | 306.8           | −1 506c                         | 21 506                          |      |  |  |  |
| 34 571                                                                                                                     | 14 470                          | 79.4              | 48.25             | 54.29             | 0.4363 | 0.2651 | 0.2984 | 296.1           | −1 521c                         | 24 521                          |      |  |  |  |
| 35 576                                                                                                                     | 15 475                          | 76.01             | 45.51             | 56.88             | 0.426  | 0.255  | 0.3188 | 290.0           | −1 531c                         | 26 531                          | Mm   |  |  |  |
| 37 585                                                                                                                     | 16 480                          | 67.92             | 39.77             | 58.85             | 0.4078 | 0.2387 | 0.3533 | 280.6           | −1 542c                         | 28 542                          |      |  |  |  |
| 42 611                                                                                                                     | 17 485                          | 43.9              | 26.63             | 60.34             | 0.3354 | 0.2034 | 0.461  | 254.8           | −1 558c                         | 31 558                          |      |  |  |  |
| −1 489c                                                                                                                    | 17 490                          | 20.85             | 16.58             | 60.34             | 0.2132 | 0.1696 | 0.6171 | 230.6           | 11 458                          | 33 566                          | min  |  |  |  |
| −1 495c                                                                                                                    | 19 495                          | 20.9              | 19.07             | 62.27             | 0.2044 | 0.1865 | 0.609  | 226.7           | 12 463                          | 33 568                          | Bm   |  |  |  |
| −1 500c                                                                                                                    | 20 500                          | 20.93             | 20.68             | 62.88             | 0.2003 | 0.1979 | 0.6017 | 224.3           | 13 465                          | 33 569                          |      |  |  |  |
| −1 510c                                                                                                                    | 22 510                          | 21.2              | 24.74             | 63.66             | 0.1934 | 0.2257 | 0.5807 | 218.4           | 13 469                          | 34 571                          |      |  |  |  |
| −1 519c                                                                                                                    | 23 520                          | 21.53             | 27.23             | 63.9              | 0.191  | 0.2417 | 0.5671 | 215.0           | 14 471                          | 34 572                          |      |  |  |  |
| −1 529c                                                                                                                    | 25 530                          | 22.76             | 33.03             | 64.21             | 0.1897 | 0.2752 | 0.535  | 207.5           | 14 474                          | 35 575                          |      |  |  |  |
| −1 540c                                                                                                                    | 28 540                          | 26.55             | 43.39             | 64.41             | 0.1976 | 0.3229 | 0.4794 | 195.9           | 15 477                          | 36 581                          |      |  |  |  |
| −1 544c                                                                                                                    | 28 545                          | 26.55             | 43.39             | 64.41             | 0.1976 | 0.3229 | 0.4794 | 195.9           | 15 477                          | 36 581                          |      |  |  |  |
| −1 550c                                                                                                                    | 30 550                          | 30.61             | 50.96             | 64.44             | 0.2096 | 0.349  | 0.4413 | 188.7           | 15 479                          | 37 585                          |      |  |  |  |
| −1 555c                                                                                                                    | 31 555                          | 33.19             | 54.85             | 64.44             | 0.2176 | 0.3597 | 0.4226 | 185.5           | 16 480                          | 37 587                          |      |  |  |  |
| −1 559c                                                                                                                    | 31 560                          | 33.19             | 54.85             | 64.44             | 0.2176 | 0.3597 | 0.4226 | 185.5           | 16 480                          | 37 587                          |      |  |  |  |
| 380                                                                                                                        | 770                             | 90.14             | 88.59             | 57.09             | 0.3822 | 0.3756 | 0.2421 | 0.0             |                                 |                                 |      |  |  |  |

CIE data for all optimal colours of maximum (m) C<sub>AB</sub>, A00 and Y<sub>w,10</sub>=88,6, Y<sub>m</sub>=495\_770

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | X <sub>88.6</sub> | Y <sub>88.6</sub> | Z <sub>88.6</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|-------------------|-------------------|-------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|
| 1 405                           | 34 570                          | 24.41             | 46.3              | 30.85             | 0.2404 | 0.4558 | 0.3037 | 166.6           | 17 487                          | 39 597                          | Cm   |
| 7 435                           | 34 570                          | 23.37             | 46.48             | 23.83             | 0.2494 | 0.4961 | 0.2544 | 155.9           | 18 491                          | 47 639                          |      |
| 9 450                           | 34 571                          | 22.92             | 46.75             | 19.01             | 0.2584 | 0.5271 | 0.2144 | 147.8           | 19 495                          | −1 495c                         |      |
| 12 460                          | 34 572                          | 22.3              | 46.95             | 11.32             | 0.2768 | 0.5826 | 0.1405 | 134.6           | 21 505                          | −1 505c                         |      |
| 13 465                          | 34 573                          | 22.67             | 47.37             | 9.0               | 0.2867 | 0.5992 | 0.1139 | 130.3           | 22 512                          | −1 512c                         |      |
| 14 470                          | 34 574                          | 23.6              | 48.19             | 6.99              | 0.2995 | 0.6116 | 0.0887 | 126.3           | 24 520                          | −1 520c                         |      |
| 15 475                          | 35 576                          | 25.5              | 49.59             | 5.35              | 0.3169 | 0.6164 | 0.0665 | 122.5           | 25 528                          | −1 528c                         | Gm   |
| 16 480                          | 36 581                          | 29.32             | 52.34             | 4.06              | 0.342  | 0.6105 | 0.0474 | 118.0           | 27 537                          | −1 537c                         |      |
| 17 485                          | 37 588                          | 37.11             | 57.43             | 3.06              | 0.3802 | 0.5884 | 0.0313 | 111.2           | 29 547                          | −1 547c                         |      |
| 18 490                          | 41 609                          | 60.13             | 69.96             | 2.29              | 0.4542 | 0.5284 | 0.0173 | 88.5            | 32 561                          | −1 561c                         | max  |
| 19 495                          | −1 495c                         | 93.65             | 83.69             | 1.7               | 0.523  | 0.4674 | 0.0095 | 40.5            | 34 573                          | 13 465                          | Ym   |
| 20 500                          | −1 500c                         | 93.63             | 82.5              | 1.25              | 0.5278 | 0.4651 | 0.007  | 37.6            | 34 573                          | 13 468                          |      |
| 21 510                          | −1 509c                         | 93.56             | 81.07             | 0.91              | 0.5329 | 0.4618 | 0.0052 | 34.3            | 34 574                          | 14 470                          |      |
| 24 520                          | −1 520c                         | 92.73             | 75.08             | 0.31              | 0.5515 | 0.4465 | 0.0018 | 22.0            | 35 577                          | 15 476                          |      |
| 25 530                          | −1 529c                         | 92.11             | 72.52             | 0.2               | 0.5588 | 0.4399 | 0.0012 | 17.5            | 35 578                          | 15 477                          |      |
| 27 540                          | −1 539c                         | 90.14             | 66.59             | 0.06              | 0.5748 | 0.4246 | 0.0004 | 8.6             | 36 581                          | 16 480                          |      |
| 29 545                          | −1 545c                         | 86.98             | 59.77             | 0.01              | 0.5926 | 0.4072 | 0.0    | 0.5             | 37 585                          | 16 483                          |      |
| 30 550                          | −1 550c                         | 84.87             | 56.1              | 0.0               | 0.602  | 0.3979 | 0.0    | 356.9           | 37 587                          | 16 484                          |      |
| 31 555                          | −1 555c                         | 82.34             | 52.29             | 0.0               | 0.6116 | 0.3883 | 0.0    | 353.7           | 37 589                          | 17 485                          |      |
| 32 560                          | −1 560c                         | 79.36             | 48.36             | 0.0               | 0.6213 | 0.3786 | 0.0    | 350.9           | 38 592                          | 17 486                          |      |
| 34 570                          | 1 405                           | 86.73             | 53.69             | 4.34              | 0.599  | 0.3709 | 0.03   | 346.6           | 39 597                          | 17 487                          | Rm   |
| 34 570                          | 7 435                           | 87.77             | 53.51             | 11.36             | 0.575  | 0.3505 | 0.0744 | 335.9           | 47 639                          | 18 491                          |      |
| 34 571                          | 9 450                           | 88.22             | 53.24             | 16.18             | 0.5596 | 0.3377 | 0.1026 | 327.8           | −1 495c                         | 19 495                          |      |
| 34 572                          | 12 460                          | 88.84             | 53.04             | 23.87             | 0.5359 | 0.32   | 0.144  | 314.6           | −1 505c                         | 21 505                          |      |
| 34 573                          | 13 465                          | 88.47             | 52.62             | 26.19             | 0.5288 | 0.3145 | 0.1565 | 310.4           | −1 512c                         | 22 512                          |      |
| 34 574                          | 14 470                          | 87.54             | 51.8              | 28.2              | 0.5224 | 0.3091 | 0.1683 | 306.4           | −1 520c                         | 24 520                          |      |
| 35 576                          | 15 475                          | 85.64             | 50.4              | 29.84             | 0.5162 | 0.3038 | 0.1798 | 302.5           | −1 528c                         | 25 528                          | Mm   |
| 36 581                          | 16 480                          | 81.82             | 47.65             | 31.13             | 0.5094 | 0.2966 | 0.1938 | 298.1           | −1 537c                         | 27 537                          |      |
| 37 588                          | 17 485                          | 74.03             | 42.56             | 32.13             | 0.4977 | 0.2861 | 0.216  | 291.2           | −1 547c                         | 29 547                          |      |
| 41 609                          | 18 490                          | 51.01             | 30.03             | 32.9              | 0.4476 | 0.2635 | 0.2887 | 268.6           | −1 561c                         | 32 561                          | min  |
| −1 495c                         | 19 495                          | 17.49             | 16.3              | 33.49             | 0.2599 | 0.2422 | 0.4977 | 220.5           | 13 465                          | 34 573                          | Bm   |
| −1 500c                         | 20 500                          | 17.51             | 17.49             | 33.94             | 0.254  | 0.2536 | 0.4922 | 217.6           | 13 468                          | 34 573                          |      |
| −1 509c                         | 21 510                          | 17.58             | 18.92             | 34.28             | 0.2484 | 0.2672 | 0.4842 | 214.3           | 14 470                          | 34 574                          |      |
| −1 520c                         | 24 520                          | 18.41             | 24.91             | 34.88             | 0.2354 | 0.3185 | 0.446  | 202.0           | 15 476                          | 35 577                          |      |
| −1 529c                         | 25 530                          | 19.03             | 27.47             | 34.99             | 0.2335 | 0.3371 | 0.4293 | 197.5           | 15 477                          | 35 578                          |      |
| −1 539c                         | 27 540                          | 21.0              | 33.4              | 35.13             | 0.2345 | 0.373  | 0.3923 | 188.6           | 16 480                          | 36 581                          |      |
| −1 545c                         | 29 545                          | 24.16             | 40.22             | 35.18             | 0.2426 | 0.4039 | 0.3533 | 180.5           | 16 483                          | 37 585                          |      |
| −1 550c                         | 30 550                          | 26.27             | 43.89             | 35.19             | 0.2494 | 0.4165 | 0.334  | 176.9           | 16 484                          | 37 587                          |      |
| −1 555c                         | 31 555                          | 28.8              | 47.7              | 35.19             | 0.2578 | 0.427  | 0.315  | 173.7           | 17 485                          | 37 589                          |      |
| −1 560c                         | 32 560                          | 31.78             | 51.63             | 35.19             | 0.2679 | 0.4352 | 0.2967 | 170.8           | 17 486                          | 38 592                          |      |
| 380                             | 770                             | 98.46             | 88.59             | 31.18             | 0.4511 | 0.4059 | 0.1428 | 0.0             |                                 |                                 |      |

| CIE data for all optimal colours of maximum (m) C <sub>AB</sub> , E00 and Y <sub>w,10</sub> =88,6, Y <sub>m</sub> =495_770 |                                 |                   |                   |                   |        |        |        |                 |                                 |                                 |      |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------|-------------------|-------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                            | i <sub>2</sub> , λ <sub>2</sub> | X <sub>88.6</sub> | Y <sub>88.6</sub> | Z <sub>88.6</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  |  |  |
| 1 405                                                                                                                      | 31 559                          | 28.18             | 49.32             | 86.6              | 0.1717 | 0.3005 | 0.5277 | 191.4           | 15 477                          | 37 589                          | Cm   |  |  |  |
| 7 435                                                                                                                      | 32 561                          | 23.26             | 49.67             | 58.35             | 0.1772 | 0.3783 | 0.4444 | 163.8           | 16 484                          | −1 484c                         |      |  |  |  |
| 10 450                                                                                                                     | 32 562                          | 20.01             | 49.98             | 35.73             | 0.1893 | 0.4727 | 0.3379 | 135.9           | 18 493                          | −1 493c                         |      |  |  |  |
| 12 460                                                                                                                     | 33 565                          | 19.33             | 50.94             | 22.54             | 0.2082 | 0.5488 | 0.2429 | 120.1           | 21 506                          | −1 506c                         |      |  |  |  |
| 13 465                                                                                                                     | 33 568                          | 20.25             | 52.23             | 17.09             | 0.2261 | 0.583  | 0.1908 | 113.2           | 23 515                          | −1 515c                         |      |  |  |  |
| 13 470                                                                                                                     | 34 572                          | 23.54             | 55.57             | 17.09             | 0.2447 | 0.5775 | 0.1776 | 109.9           | 24 520                          | −1 520c                         |      |  |  |  |
| 14 475                                                                                                                     | 36 581                          | 29.38             | 60.42             | 12.63             | 0.2868 | 0.5897 | 0.1233 | 100.2           | 26 532                          | −1 532c                         | Gm   |  |  |  |
| 16 480                                                                                                                     | 40 604                          | 48.47             | 71.12             | 6.66              | 0.3839 | 0.5632 | 0.0528 | 77.5            | 30 551                          | −1 551c                         |      |  |  |  |
| 17 485                                                                                                                     | −1 485c                         | 73.62             | 81.33             | 4.79              | 0.4608 | 0.5091 | 0.03   | 54.0            | 32 564                          | 11 456                          |      |  |  |  |
| 18 490                                                                                                                     | −1 490c                         | 73.58             | 79.94             | 3.43              | 0.4688 | 0.5093 | 0.0218 | 52.3            | 32 564                          | 11 458                          | max  |  |  |  |
| 19 495                                                                                                                     | −1 495c                         | 73.57             | 78.31             | 2.44              | 0.4766 | 0.5074 | 0.0158 | 50.5            | 33 565                          | 12 460                          | Ym   |  |  |  |
| 20 500                                                                                                                     | −1 500c                         | 73.53             | 76.43             | 1.72              | 0.4847 | 0.5038 | 0.0113 | 48.3            | 33 566                          | 12 462                          |      |  |  |  |
| 22 510                                                                                                                     | −1 510c                         | 73.22             | 71.82             | 0.84              | 0.5019 | 0.4922 | 0.0057 | 43.2            | 33 569                          | 13 466                          |      |  |  |  |
| 23 520                                                                                                                     | −1 519c                         | 72.86             | 69.07             | 0.57              | 0.5113 | 0.4846 | 0.004  | 40.3            | 34 570                          | 13 468                          |      |  |  |  |
| 25 530                                                                                                                     | −1 529c                         | 71.54             | 62.84             | 0.23              | 0.5314 | 0.4668 | 0.0017 | 33.9            | 34 573                          | 14 470                          |      |  |  |  |
| 27 540                                                                                                                     | −1 539c                         | 69.22             | 55.84             | 0.07              | 0.5531 | 0.4462 | 0.0006 | 27.1            | 35 577                          | 14 473                          |      |  |  |  |
| 29 545                                                                                                                     | −1 545c                         | 65.78             | 48.4              | 0.01              | 0.576  | 0.4238 | 0.0001 | 20.4            | 36 582                          | 15 475                          |      |  |  |  |
| 29 550                                                                                                                     | −1 549c                         | 65.78             | 48.4              | 0.01              | 0.576  | 0.4238 | 0.0001 | 20.4            | 36 582                          | 15 475                          |      |  |  |  |
| 31 555                                                                                                                     | −1 555c                         | 61.1              | 40.83             | 0.0               | 0.5993 | 0.4005 | 0.0    | 14.1            | 37 587                          | 15 476                          |      |  |  |  |
| 32 560                                                                                                                     | 3 415                           | 59.5              | 37.2              | 5.75              | 0.5806 | 0.3631 | 0.0562 | 6.8             | 39 595                          | 15 478                          |      |  |  |  |
| 31 559                                                                                                                     | 1 405                           | 71.8              | 50.67             | 13.4              | 0.5284 | 0.3729 | 0.0986 | 11.4            | 37 589                          | 15 477                          | Rm   |  |  |  |
| 32 561                                                                                                                     | 7 435                           | 76.72             | 50.32             | 41.65             | 0.4547 | 0.2982 | 0.2469 | 343.9           | −1 484c                         | 16 484                          |      |  |  |  |
| 32 562                                                                                                                     | 10 450                          | 79.97             | 50.01             | 64.27             | 0.4116 | 0.2574 | 0.3308 | 315.9           | −1 493c                         | 18 493                          |      |  |  |  |
| 33 565                                                                                                                     | 12 460                          | 80.66             | 49.05             | 77.46             | 0.3893 | 0.2367 | 0.3738 | 300.1           | −1 506c                         | 21 506                          |      |  |  |  |
| 33 568                                                                                                                     | 13 465                          | 79.73             | 47.76             | 82.91             | 0.3789 | 0.2269 | 0.394  | 293.2           | −1 515c                         | 23 515                          |      |  |  |  |
| 34 572                                                                                                                     | 13 470                          | 76.44             | 44.42             | 82.91             | 0.3751 | 0.218  | 0.4068 | 289.9           | −1 520c                         | 24 520                          |      |  |  |  |
| 36 581                                                                                                                     | 14 475                          | 70.6              | 39.57             | 87.37             | 0.3573 | 0.2003 | 0.4422 | 280.3           | −1 532c                         | 26 532                          | Mm   |  |  |  |
| 40 604                                                                                                                     | 16 480                          | 51.51             | 28.87             | 93.34             | 0.2965 | 0.1662 | 0.5372 | 257.6           | −1 551c                         | 30 551                          |      |  |  |  |
| −1 485c                                                                                                                    | 17 485                          | 26.36             | 18.66             | 95.21             | 0.1879 | 0.133  | 0.6789 | 234.0           | 11 456                          | 32 564                          |      |  |  |  |
| −1 490c                                                                                                                    | 18 490                          | 26.4              | 20.05             | 96.57             | 0.1845 | 0.1402 | 0.6752 | 232.4           | 11 458                          | 32 564                          | min  |  |  |  |
| −1 495c                                                                                                                    | 19 495                          | 26.41             | 21.68             | 97.56             | 0.1813 | 0.1488 | 0.6697 | 230.5           | 12 460                          | 33 565                          | Bm   |  |  |  |
| −1 500c                                                                                                                    | 20 500                          | 26.45             | 23.56             | 98.28             | 0.1783 | 0.1588 | 0.6627 | 228.4           | 12 462                          | 33 566                          |      |  |  |  |
| −1 510c                                                                                                                    | 22 510                          | 26.76             | 28.17             | 99.16             | 0.1736 | 0.1828 | 0.6434 | 223.3           | 13 466                          | 33 569                          |      |  |  |  |
| −1 519c                                                                                                                    | 23 520                          | 27.12             | 30.92             | 99.43             | 0.1722 | 0.1963 | 0.6314 | 220.3           | 13 468                          | 34 570                          |      |  |  |  |
| −1 529c                                                                                                                    | 25 530                          | 28.45             | 37.15             | 99.77             | 0.172  | 0.2246 | 0.6032 | 213.9           | 14 470                          | 34 573                          |      |  |  |  |
| −1 539c                                                                                                                    | 27 540                          | 30.76             | 44.15             | 99.93             | 0.1759 | 0.2525 | 0.5715 | 207.2           | 14 473                          | 35 577                          |      |  |  |  |
| −1 545c                                                                                                                    | 29 545                          | 34.2              | 51.59             | 99.99             | 0.1841 | 0.2776 | 0.5382 | 200.4           | 15 475                          | 36 582                          |      |  |  |  |
| −1 549c                                                                                                                    | 29 550                          | 34.2              | 51.59             | 99.99             | 0.1841 | 0.2776 | 0.5382 | 200.4           | 15 475                          | 36 582                          |      |  |  |  |
| −1 555c                                                                                                                    | 31 555                          | 38.88             | 59.16             | 100.0             | 0.1963 | 0.2987 | 0.5049 | 194.1           | 15 476                          | 37 587                          |      |  |  |  |
| 3 415                                                                                                                      | 32 560                          | 40.49             | 62.79             | 94.25             | 0.2049 | 0.3178 | 0.4771 | 186.8           | 15 478                          | 39 595                          |      |  |  |  |
| 380                                                                                                                        | 770                             | 88.58             | 88.58             | 88.59             | 0.3333 | 0.3333 | 0.3333 | 0.0             |                                 |                                 |      |  |  |  |

CIE data for all optimal colours of maximum (m) C<sub>AB</sub>, C00 and Y<sub>w,10</sub>=88,6, Y<sub>m</sub>=495\_770

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | X <sub>88.6</sub> | Y <sub>88.6</sub> | Z <sub>88.6</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|-------------------|-------------------|-------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|
| 1 405                           | 31 556                          | 29.28             | 49.5              | 101.47            | 0.1624 | 0.2746 | 0.5629 | 196.7           | 15 475                          | 37 586                          | Cm   |
| 6 435                           | 31 558                          | 25.71             | 50.35             | 79.37             | 0.1654 | 0.3239 | 0.5106 | 178.0           | 16 480                          | 44 623                          |      |
| 9 450                           | 32 560                          | 21.63             | 50.96             | 52.26             | 0.1732 | 0.4081 | 0.4185 | 146.9           | 17 487                          | -1 487c                         |      |
| 12 460                          | 32 563                          | 19.07             | 51.67             | 27.03             | 0.1951 | 0.5284 | 0.2764 | 118.8           | 20 504                          | -1 504c                         |      |
| 12 465                          | 33 566                          | 21.12             | 54.03             | 27.03             | 0.2066 | 0.5287 | 0.2645 | 116.2           | 21 507                          | -1 507c                         |      |
| 13 470                          | 34 572                          | 23.98             | 57.3              | 20.34             | 0.236  | 0.5638 | 0.2001 | 106.8           | 24 520                          | -1 520c                         |      |
| 14 475                          | 36 582                          | 31.09             | 63.12             | 14.85             | 0.285  | 0.5787 | 0.1362 | 95.5            | 26 533                          | -1 533c                         | Gm   |
| 16 480                          | 44 622                          | 58.22             | 76.76             | 7.52              | 0.4085 | 0.5386 | 0.0527 | 65.8            | 31 556                          | 0 403                           |      |
| 17 485                          | -1 485c                         | 68.92             | 79.83             | 5.25              | 0.4475 | 0.5183 | 0.0341 | 55.4            | 32 562                          | 11 456                          |      |
| 18 490                          | -1 490c                         | 68.87             | 78.19             | 3.64              | 0.457  | 0.5188 | 0.0241 | 53.7            | 32 563                          | 11 459                          | max  |
| 19 495                          | -1 495c                         | 68.86             | 76.34             | 2.51              | 0.4661 | 0.5168 | 0.017  | 51.7            | 32 564                          | 12 461                          | Ym   |
| 20 500                          | -1 500c                         | 68.82             | 74.3              | 1.73              | 0.4751 | 0.5129 | 0.0119 | 49.6            | 33 565                          | 12 463                          |      |
| 22 510                          | -1 510c                         | 68.51             | 69.61             | 0.82              | 0.493  | 0.5009 | 0.0059 | 44.8            | 33 567                          | 13 466                          |      |
| 24 520                          | -1 520c                         | 67.63             | 64.04             | 0.37              | 0.5121 | 0.485  | 0.0028 | 39.4            | 34 570                          | 13 468                          |      |
| 26 530                          | -1 530c                         | 65.87             | 57.57             | 0.14              | 0.5329 | 0.4658 | 0.0011 | 33.3            | 34 574                          | 14 471                          |      |
| 28 540                          | -1 540c                         | 62.96             | 50.2              | 0.03              | 0.5561 | 0.4434 | 0.0003 | 26.8            | 35 578                          | 14 473                          |      |
| 28 545                          | -1 544c                         | 62.96             | 50.2              | 0.03              | 0.5561 | 0.4434 | 0.0003 | 26.8            | 35 578                          | 14 473                          |      |
| 29 550                          | -1 549c                         | 61.02             | 46.31             | 0.01              | 0.5684 | 0.4314 | 0.0001 | 23.5            | 36 580                          | 14 474                          |      |
| 31 555                          | -1 555c                         | 56.12             | 38.38             | 0.0               | 0.5938 | 0.4061 | 0.0    | 17.0            | 37 585                          | 15 475                          |      |
| 31 560                          | 9 447                           | 66.32             | 39.93             | 51.32             | 0.4208 | 0.2533 | 0.3257 | 329.3           | -1 487c                         | 17 487                          |      |
| 31 556                          | 1 405                           | 68.0              | 50.49             | 14.67             | 0.5106 | 0.3791 | 0.1101 | 16.6            | 37 586                          | 15 475                          | Rm   |
| 31 558                          | 6 435                           | 71.57             | 49.64             | 36.77             | 0.453  | 0.3142 | 0.2327 | 358.0           | 44 623                          | 16 480                          |      |
| 32 560                          | 9 450                           | 75.65             | 49.03             | 63.87             | 0.4012 | 0.26   | 0.3387 | 327.0           | -1 487c                         | 17 487                          |      |
| 32 563                          | 12 460                          | 78.2              | 48.32             | 89.11             | 0.3626 | 0.2241 | 0.4132 | 298.8           | -1 504c                         | 20 504                          |      |
| 33 566                          | 12 465                          | 76.16             | 45.96             | 89.11             | 0.3605 | 0.2175 | 0.4218 | 296.3           | -1 507c                         | 21 507                          |      |
| 34 572                          | 13 470                          | 73.29             | 42.69             | 95.8              | 0.346  | 0.2015 | 0.4523 | 286.9           | -1 520c                         | 24 520                          |      |
| 36 582                          | 14 475                          | 66.19             | 36.87             | 101.28            | 0.3239 | 0.1804 | 0.4956 | 275.6           | -1 533c                         | 26 533                          | Mm   |
| 44 622                          | 16 480                          | 39.06             | 23.23             | 108.62            | 0.2285 | 0.1359 | 0.6355 | 245.9           | 0 403                           | 31 556                          |      |
| -1 485c                         | 17 485                          | 28.35             | 20.16             | 110.89            | 0.1778 | 0.1264 | 0.6956 | 235.4           | 11 456                          | 32 562                          |      |
| -1 490c                         | 18 490                          | 28.4              | 21.8              | 112.5             | 0.1745 | 0.134  | 0.6913 | 233.7           | 11 459                          | 32 563                          | min  |
| -1 495c                         | 19 495                          | 28.42             | 23.65             | 113.62            | 0.1715 | 0.1427 | 0.6857 | 231.7           | 12 461                          | 32 564                          | Bm   |
| -1 500c                         | 20 500                          | 28.46             | 25.69             | 114.41            | 0.1688 | 0.1524 | 0.6786 | 229.6           | 12 463                          | 33 565                          |      |
| -1 510c                         | 22 510                          | 28.77             | 30.38             | 115.31            | 0.1649 | 0.1741 | 0.6609 | 224.9           | 13 466                          | 33 567                          |      |
| -1 520c                         | 24 520                          | 29.65             | 35.95             | 115.77            | 0.1634 | 0.1982 | 0.6382 | 219.4           | 13 468                          | 34 570                          |      |
| -1 530c                         | 26 530                          | 31.41             | 42.42             | 116.0             | 0.1654 | 0.2234 | 0.611  | 213.4           | 14 471                          | 34 574                          |      |
| -1 540c                         | 28 540                          | 34.32             | 49.79             | 116.1             | 0.1714 | 0.2486 | 0.5798 | 206.8           | 14 473                          | 35 578                          |      |
| -1 544c                         | 28 545                          | 34.32             | 49.79             | 116.1             | 0.1714 | 0.2486 | 0.5798 | 206.8           | 14 473                          | 35 578                          |      |
| -1 549c                         | 29 550                          | 36.25             | 53.68             | 116.13            | 0.1759 | 0.2605 | 0.5635 | 203.5           | 14 474                          | 36 580                          |      |
| -1 555c                         | 31 555                          | 41.16             | 61.61             | 116.14            | 0.188  | 0.2814 | 0.5305 | 197.0           | 15 475                          | 37 585                          |      |
| 9 447                           | 31 560                          | 30.95             | 60.06             | 64.81             | 0.1986 | 0.3854 | 0.4159 | 149.2           | 17 487                          | -1 487c                         |      |
| 380                             | 770                             | 86.18             | 88.59             | 102.89            | 0.3103 | 0.319  | 0.3705 | 0.0             |                                 |                                 |      |

| CIE data for all optimal colours of maximum (m) C <sub>AB</sub> , P00 and Y <sub>w,10</sub> =88,6, Y <sub>m</sub> =495_770 |                                 |                   |                   |                   |       |        |        |                 |                                 |                                 |      |        |            |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------|-------------------|-------------------|-------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--------|------------|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                            | i <sub>2</sub> , λ <sub>2</sub> | X <sub>88.6</sub> | Y <sub>88.6</sub> | Z <sub>88.6</sub> | x     | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |        |            |
| 0                                                                                                                          | 405                             | 32                | 562               | 26.98             | 48.64 | 71.34  | 0.1836 | 0.3309          | 0.4854                          | 186.9                           | 15   | 479    | 38 591 Cm  |
| 7                                                                                                                          | 435                             | 32                | 563               | 23.05             | 48.91 | 48.7   | 0.191  | 0.4053          | 0.4035                          | 162.7                           | 17   | 485    | -1 485c    |
| 9                                                                                                                          | 450                             | 32                | 564               | 21.55             | 49.48 | 36.49  | 0.2004 | 0.4601          | 0.3394                          | 146.1                           | 18   | 491    | -1 491c    |
| 12                                                                                                                         | 460                             | 33                | 567               | 20.0              | 49.93 | 19.53  | 0.2235 | 0.558           | 0.2183                          | 123.7                           | 21   | 506    | -1 506c    |
| 13                                                                                                                         | 465                             | 33                | 569               | 20.73             | 50.97 | 14.94  | 0.2392 | 0.5882          | 0.1724                          | 117.2                           | 22   | 514    | -1 514c    |
| 13                                                                                                                         | 470                             | 34                | 572               | 23.45             | 53.65 | 14.94  | 0.2547 | 0.5828          | 0.1623                          | 114.7                           | 23   | 518    | -1 518c    |
| 15                                                                                                                         | 475                             | 35                | 579               | 27.57             | 56.67 | 8.21   | 0.2982 | 0.6129          | 0.0888                          | 103.5                           | 26   | 534    | -1 534c Gm |
| 16                                                                                                                         | 480                             | 38                | 593               | 40.32             | 64.97 | 5.99   | 0.3623 | 0.5837          | 0.0538                          | 89.6                            | 29   | 547    | -1 547c    |
| 17                                                                                                                         | 485                             | -1 485c           | 78.71             | 82.48             | 4.35  | 0.4754 | 0.4982 | 0.0263          | 51.7                            | 33                              | 566  | 11 457 | max        |
| 17                                                                                                                         | 490                             | -1 489c           | 78.71             | 82.48             | 4.35  | 0.4754 | 0.4982 | 0.0263          | 51.7                            | 33                              | 566  | 11 457 |            |
| 19                                                                                                                         | 495                             | -1 495c           | 78.66             | 79.78             | 2.26  | 0.4894 | 0.4964 | 0.014           | 48.2                            | 33                              | 567  | 12 461 | Ym         |
| 19                                                                                                                         | 500                             | -1 499c           | 78.66             | 79.78             | 2.26  | 0.4894 | 0.4964 | 0.014           | 48.2                            | 33                              | 567  | 12 461 |            |
| 22                                                                                                                         | 510                             | -1 510c           | 78.35             | 73.83             | 0.8   | 0.5121 | 0.4826 | 0.0052          | 40.6                            | 34                              | 570  | 13 467 |            |
| 23                                                                                                                         | 520                             | -1 519c           | 78.01             | 71.27             | 0.54  | 0.5206 | 0.4756 | 0.0036          | 37.6                            | 34                              | 572  | 13 469 |            |
| 26                                                                                                                         | 530                             | -1 530c           | 75.76             | 62.09             | 0.13  | 0.549  | 0.4499 | 0.0009          | 27.3                            | 35                              | 577  | 14 473 |            |
| 28                                                                                                                         | 540                             | -1 540c           | 72.97             | 55.01             | 0.03  | 0.57   | 0.4297 | 0.0002          | 20.2                            | 36                              | 580  | 15 475 |            |
| 28                                                                                                                         | 545                             | -1 544c           | 72.97             | 55.01             | 0.03  | 0.57   | 0.4297 | 0.0002          | 20.2                            | 36                              | 580  | 15 475 |            |
| 29                                                                                                                         | 550                             | -1 549c           | 71.13             | 51.31             | 0.01  | 0.5808 | 0.419  | 0.0             | 16.8                            | 36                              | 583  | 15 476 |            |
| 31                                                                                                                         | 555                             | -1 555c           | 66.45             | 43.74             | 0.0   | 0.603  | 0.3969 | 0.0             | 10.3                            | 37                              | 587  | 15 478 |            |
| 32                                                                                                                         | 560                             | -1 560c           | 63.56             | 39.93             | 0.0   | 0.6141 | 0.3858 | 0.0             | 7.4                             | 38                              | 590  | 15 479 |            |
| 32                                                                                                                         | 562                             | 0                 | 405               | 75.38             | 51.35 | 9.9    | 0.5516 | 0.3758          | 0.0724                          | 6.9                             | 38   | 591    | 15 479 Rm  |
| 32                                                                                                                         | 563                             | 7                 | 435               | 79.31             | 51.08 | 32.54  | 0.4867 | 0.3134          | 0.1997                          | 342.7                           | -1   | 485c   | 17 485     |
| 32                                                                                                                         | 564                             | 9                 | 450               | 80.82             | 50.51 | 44.75  | 0.4589 | 0.2868          | 0.2541                          | 326.1                           | -1   | 491c   | 18 491     |
| 33                                                                                                                         | 567                             | 12                | 460               | 82.37             | 50.06 | 61.71  | 0.4242 | 0.2578          | 0.3178                          | 303.8                           | -1   | 506c   | 21 506     |
| 33                                                                                                                         | 569                             | 13                | 465               | 81.63             | 49.02 | 66.3   | 0.4144 | 0.2488          | 0.3366                          | 297.3                           | -1   | 514c   | 22 514     |
| 34                                                                                                                         | 572                             | 13                | 470               | 78.92             | 46.34 | 66.3   | 0.4119 | 0.2419          | 0.3461                          | 294.7                           | -1   | 518c   | 23 518     |
| 35                                                                                                                         | 579                             | 15                | 475               | 74.79             | 43.32 | 73.04  | 0.3912 | 0.2266          | 0.382                           | 283.5                           | -1   | 534c   | 26 534 Mm  |
| 38                                                                                                                         | 593                             | 16                | 480               | 62.05             | 35.02 | 75.25  | 0.36   | 0.2032          | 0.4366                          | 269.6                           | -1   | 547c   | 29 547     |
| -1                                                                                                                         | 485c                            | 17                | 485               | 23.65             | 17.51 | 76.89  | 0.2003 | 0.1483          | 0.6512                          | 231.8                           | 11   | 457    | 33 566     |
| -1                                                                                                                         | 489c                            | 17                | 490               | 23.65             | 17.51 | 76.89  | 0.2003 | 0.1483          | 0.6512                          | 231.8                           | 11   | 457    | 33 566 min |
| -1                                                                                                                         | 495c                            | 19                | 495               | 23.7              | 20.21 | 78.99  | 0.1928 | 0.1644          | 0.6426                          | 228.2                           | 12   | 461    | 33 567 Bm  |
| -1                                                                                                                         | 499c                            | 19                | 500               | 23.7              | 20.21 | 78.99  | 0.1928 | 0.1644          | 0.6426                          | 228.2                           | 12   | 461    | 33 567     |
| -1                                                                                                                         | 510c                            | 22                | 510               | 24.02             | 26.16 | 80.45  | 0.1838 | 0.2002          | 0.6158                          | 220.7                           | 13   | 467    | 34 570     |
| -1                                                                                                                         | 519c                            | 23                | 520               | 24.35             | 28.72 | 80.7   | 0.182  | 0.2147          | 0.6032                          | 217.6                           | 13   | 469    | 34 572     |
| -1                                                                                                                         | 530c                            | 26                | 530               | 26.6              | 37.9  | 81.11  | 0.1826 | 0.2602          | 0.557                           | 207.3                           | 14   | 473    | 35 577     |
| -1                                                                                                                         | 540c                            | 28                | 540               | 29.39             | 44.98 | 81.21  | 0.1889 | 0.289           | 0.5219                          | 200.2                           | 15   | 475    | 36 580     |
| -1                                                                                                                         | 544c                            | 28                | 545               | 29.39             | 44.98 | 81.21  | 0.1889 | 0.289           | 0.5219                          | 200.2                           | 15   | 475    | 36 580     |
| -1                                                                                                                         | 549c                            | 29                | 550               | 31.23             | 48.68 | 81.24  | 0.1938 | 0.302           | 0.5041                          | 196.8                           | 15   | 476    | 36 583     |
| -1                                                                                                                         | 555c                            | 31                | 555               | 35.92             | 56.25 | 81.25  | 0.2071 | 0.3243          | 0.4685                          | 190.4                           | 15   | 478    | 37 587     |
| -1                                                                                                                         | 560c                            | 32                | 560               | 38.8              | 60.06 | 81.25  | 0.2154 | 0.3334          | 0.451                           | 187.4                           | 15   | 479    | 38 590     |
| 380                                                                                                                        |                                 | 770               | 90.69             | 88.59             | 71.98 | 0.3609 | 0.3525 | 0.2864          | 0.0                             |                                 |      |        |            |

CIE data for all optimal colours of maximum (m) C<sub>AB</sub>, Q00 and Y<sub>w,10</sub>=88,6, Y<sub>m</sub>=495\_770

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | X <sub>88.6</sub> | Y <sub>88.6</sub> | Z <sub>88.6</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|-------------------|-------------------|-------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|
| 1 405                           | 31 556                          | 29.63             | 49.88             | 102.39            | 0.1628 | 0.2742 | 0.5628 | 196.1           | 15 475                          | 37 587                          | Cm   |
| 7 435                           | 31 558                          | 23.53             | 50.34             | 67.82             | 0.166  | 0.3553 | 0.4786 | 164.7           | 16 482                          | −1 482c                         |      |
| 10 450                          | 32 560                          | 19.56             | 50.73             | 40.9              | 0.1759 | 0.4562 | 0.3678 | 133.5           | 18 493                          | −1 493c                         |      |
| 12 460                          | 32 563                          | 18.74             | 51.88             | 25.5              | 0.195  | 0.5396 | 0.2652 | 117.0           | 21 506                          | −1 506c                         |      |
| 13 465                          | 33 566                          | 19.76             | 53.44             | 19.2              | 0.2138 | 0.5783 | 0.2077 | 109.9           | 23 515                          | −1 515c                         |      |
| 13 470                          | 34 572                          | 23.64             | 57.44             | 19.2              | 0.2357 | 0.5727 | 0.1914 | 105.9           | 24 520                          | −1 520c                         |      |
| 15 475                          | 36 583                          | 30.52             | 62.39             | 10.2              | 0.296  | 0.605  | 0.0989 | 92.5            | 27 536                          | −1 536c                         | Gm   |
| 15 480                          | 45 629                          | 61.34             | 79.6              | 10.2              | 0.4058 | 0.5266 | 0.0674 | 65.2            | 31 556                          | 2 413                           |      |
| 17 485                          | −1 485c                         | 68.63             | 80.21             | 5.23              | 0.4454 | 0.5206 | 0.0339 | 56.2            | 32 561                          | 11 455                          |      |
| 17 490                          | −1 489c                         | 68.63             | 80.21             | 5.23              | 0.4454 | 0.5206 | 0.0339 | 56.2            | 32 561                          | 11 455                          | max  |
| 18 495                          | −1 494c                         | 68.58             | 78.66             | 3.71              | 0.4543 | 0.521  | 0.0246 | 54.6            | 32 562                          | 11 458                          | Ym   |
| 19 500                          | −1 499c                         | 68.57             | 76.87             | 2.62              | 0.463  | 0.5191 | 0.0177 | 52.7            | 32 563                          | 12 460                          |      |
| 21 510                          | −1 509c                         | 68.42             | 72.48             | 1.28              | 0.4812 | 0.5097 | 0.009  | 48.2            | 33 566                          | 12 464                          |      |
| 24 520                          | −1 520c                         | 67.23             | 63.73             | 0.39              | 0.5118 | 0.4851 | 0.0029 | 39.7            | 34 570                          | 13 468                          |      |
| 26 530                          | −1 530c                         | 65.35             | 56.8              | 0.14              | 0.5343 | 0.4644 | 0.0011 | 33.2            | 34 574                          | 14 471                          |      |
| 27 540                          | −1 539c                         | 64.02             | 53.11             | 0.07              | 0.5462 | 0.4531 | 0.0006 | 29.9            | 35 576                          | 14 472                          |      |
| 29 545                          | −1 545c                         | 60.52             | 45.54             | 0.01              | 0.5705 | 0.4293 | 0.0001 | 23.3            | 36 581                          | 14 474                          |      |
| 30 550                          | −1 550c                         | 58.34             | 41.75             | 0.0               | 0.5828 | 0.4171 | 0.0    | 20.1            | 36 583                          | 15 475                          |      |
| 30 555                          | −1 554c                         | 58.34             | 41.75             | 0.0               | 0.5828 | 0.4171 | 0.0    | 20.1            | 36 583                          | 15 475                          |      |
| 31 560                          | 9 447                           | 67.0              | 39.61             | 55.74             | 0.4126 | 0.2439 | 0.3433 | 325.1           | −1 488c                         | 17 488                          |      |
| 31 556                          | 1 405                           | 68.01             | 50.11             | 16.03             | 0.5069 | 0.3735 | 0.1194 | 16.0            | 37 587                          | 15 475                          | Rm   |
| 31 558                          | 7 435                           | 74.11             | 49.65             | 50.6              | 0.425  | 0.2847 | 0.2902 | 344.7           | −1 482c                         | 16 482                          |      |
| 32 560                          | 10 450                          | 78.08             | 49.26             | 77.51             | 0.3811 | 0.2404 | 0.3783 | 313.6           | −1 493c                         | 18 493                          |      |
| 32 563                          | 12 460                          | 78.9              | 48.11             | 92.92             | 0.3587 | 0.2187 | 0.4224 | 297.0           | −1 506c                         | 21 506                          |      |
| 33 566                          | 13 465                          | 77.88             | 46.55             | 99.22             | 0.3482 | 0.2081 | 0.4436 | 289.9           | −1 515c                         | 23 515                          |      |
| 34 572                          | 13 470                          | 74.0              | 42.55             | 99.22             | 0.3429 | 0.1972 | 0.4598 | 285.9           | −1 520c                         | 24 520                          |      |
| 36 583                          | 15 475                          | 67.12             | 37.6              | 108.22            | 0.3151 | 0.1766 | 0.5081 | 272.6           | −1 536c                         | 27 536                          | Mm   |
| 45 629                          | 15 480                          | 36.3              | 20.39             | 108.22            | 0.2201 | 0.1236 | 0.6561 | 245.2           | 2 413                           | 31 556                          |      |
| −1 485c                         | 17 485                          | 29.01             | 19.78             | 113.19            | 0.1791 | 0.1221 | 0.6987 | 236.2           | 11 455                          | 32 561                          |      |
| −1 489c                         | 17 490                          | 29.01             | 19.78             | 113.19            | 0.1791 | 0.1221 | 0.6987 | 236.2           | 11 455                          | 32 561                          | min  |
| −1 494c                         | 18 495                          | 29.06             | 21.33             | 114.7             | 0.176  | 0.1292 | 0.6947 | 234.6           | 11 458                          | 32 562                          | Bm   |
| −1 499c                         | 19 500                          | 29.07             | 23.12             | 115.79            | 0.173  | 0.1376 | 0.6892 | 232.7           | 12 460                          | 32 563                          |      |
| −1 509c                         | 21 510                          | 29.22             | 27.51             | 117.13            | 0.168  | 0.1582 | 0.6736 | 228.3           | 12 464                          | 33 566                          |      |
| −1 520c                         | 24 520                          | 30.41             | 36.26             | 118.03            | 0.1646 | 0.1963 | 0.639  | 219.7           | 13 468                          | 34 570                          |      |
| −1 530c                         | 26 530                          | 32.29             | 43.19             | 118.28            | 0.1666 | 0.2229 | 0.6104 | 213.3           | 14 471                          | 34 574                          |      |
| −1 539c                         | 27 540                          | 33.62             | 46.88             | 118.34            | 0.1691 | 0.2357 | 0.5951 | 209.9           | 14 472                          | 35 576                          |      |
| −1 545c                         | 29 545                          | 37.12             | 54.45             | 118.41            | 0.1767 | 0.2593 | 0.5639 | 203.3           | 14 474                          | 36 581                          |      |
| −1 550c                         | 30 550                          | 39.3              | 58.24             | 118.42            | 0.1819 | 0.2697 | 0.5483 | 200.2           | 15 475                          | 36 583                          |      |
| −1 554c                         | 30 555                          | 39.3              | 58.24             | 118.42            | 0.1819 | 0.2697 | 0.5483 | 200.2           | 15 475                          | 36 583                          |      |
| 9 447                           | 31 560                          | 30.64             | 60.38             | 62.67             | 0.1993 | 0.3928 | 0.4077 | 145.0           | 17 488                          | −1 488c                         |      |
| 380                             | 770                             | 86.5              | 88.59             | 104.91            | 0.3089 | 0.3163 | 0.3746 | 0.0             |                                 |                                 |      |