

**Ostwald optimal colours (o) of maximum (m) C<sub>AB,10</sub> for D65, Y<sub>w,10</sub>=100, Y<sub>m</sub>=520\_770**

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | L* <sub>10</sub> | a* <sub>10</sub> | b* <sub>10</sub> | C* <sub>ab,10</sub> | a'10   | b'10    | h <sub>ab,10</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|------------------|------------------|------------------|---------------------|--------|---------|--------------------|---------------------------------|---------------------------------|------|
| 0 405                           | 31 556                          | 79.94            | −66.31           | −34.08           | 74.56               | 0.1807 | −0.1034 | 207.2              | 15 476                          | 37 585                          | Cm   |
| 6 435                           | 31 557                          | 80.42            | −82.6            | −17.8            | 84.5                | 0.1724 | −0.0949 | 192.1              | 16 480                          | 44 621                          |      |
| 10 450                          | 31 559                          | 80.48            | −108.29          | 14.97            | 109.32              | 0.1591 | −0.078  | 172.1              | 18 491                          | −1 491c                         |      |
| 11 460                          | 32 562                          | 81.44            | −111.37          | 27.38            | 114.69              | 0.1581 | −0.0717 | 166.1              | 19 498                          | −1 498c                         |      |
| 12 465                          | 33 565                          | 82.34            | −112.77          | 40.26            | 119.75              | 0.1579 | −0.0653 | 160.3              | 21 506                          | −1 506c                         |      |
| 14 470                          | 34 570                          | 83.48            | −109.79          | 65.41            | 127.8               | 0.1601 | −0.053  | 149.2              | 24 522                          | −1 522c                         |      |
| 15 475                          | 35 579                          | 86.33            | −94.64           | 81.3             | 124.77              | 0.169  | −0.0462 | 139.3              | 26 533                          | −1 533c                         | Gm   |
| 16 480                          | 41 606                          | 92.55            | −53.33           | 102.14           | 115.23              | 0.1907 | −0.0389 | 117.5              | 30 550                          | −1 550c                         |      |
| 16 485                          | −1 484c                         | 96.94            | −20.21           | 109.71           | 111.55              | 0.2063 | −0.0374 | 100.4              | 32 560                          | 10 454                          |      |
| 18 490                          | −1 490c                         | 95.61            | −14.83           | 124.45           | 125.34              | 0.2086 | −0.0302 | 96.7               | 32 562                          | 11 459                          | max  |
| 19 495                          | −1 495c                         | 94.76            | −11.22           | 130.34           | 130.82              | 0.2101 | −0.0271 | 94.9               | 32 563                          | 12 461                          |      |
| 19 500                          | −1 499c                         | 94.76            | −11.22           | 130.34           | 130.82              | 0.2101 | −0.0271 | 94.9               | 32 563                          | 12 461                          |      |
| 22 510                          | −1 510c                         | 91.28            | 2.92             | 142.55           | 142.58              | 0.2166 | −0.0195 | 88.8               | 33 566                          | 13 466                          |      |
| 23 520                          | −1 519c                         | 89.77            | 8.54             | 144.07           | 144.32              | 0.2192 | −0.0174 | 86.6               | 33 568                          | 13 468                          | Ym   |
| 26 530                          | −1 530c                         | 84.06            | 27.32            | 142.33           | 144.93              | 0.2288 | −0.0115 | 79.1               | 34 573                          | 14 472                          |      |
| 27 540                          | −1 539c                         | 81.79            | 33.86            | 139.63           | 143.68              | 0.2325 | −0.0095 | 76.3               | 35 576                          | 14 473                          |      |
| 28 545                          | −1 544c                         | 79.35            | 40.37            | 136.19           | 142.05              | 0.2363 | −0.0075 | 73.4               | 35 578                          | 14 474                          |      |
| 29 550                          | −1 549c                         | 76.75            | 46.79            | 132.12           | 140.16              | 0.2404 | −0.0054 | 70.4               | 36 580                          | 15 475                          |      |
| 31 555                          | −1 555c                         | 71.13            | 58.79            | 122.64           | 136.0               | 0.2489 | 0.0     | 64.3               | 37 586                          | 15 476                          |      |
| 32 560                          | 10 451                          | 69.5             | 84.42            | −15.9            | 85.9                | 0.2645 | −0.095  | 349.3              | −1 492c                         | 18 492                          |      |
| 31 556                          | 0 405                           | 71.85            | 57.81            | 111.35           | 125.47              | 0.2481 | −0.0221 | 62.5               | 37 585                          | 15 476                          | Rm   |
| 31 557                          | 6 435                           | 71.27            | 68.77            | 29.56            | 74.86               | 0.2546 | −0.0689 | 23.2               | 44 621                          | 16 480                          |      |
| 31 559                          | 10 450                          | 71.2             | 81.9             | −15.15           | 83.29               | 0.2621 | −0.0944 | 349.5              | −1 491c                         | 18 491                          |      |
| 32 562                          | 11 460                          | 69.98            | 86.63            | −25.21           | 90.22               | 0.2655 | −0.1003 | 343.7              | −1 498c                         | 19 498                          |      |
| 33 565                          | 12 465                          | 68.81            | 90.56            | −33.85           | 96.68               | 0.2685 | −0.1056 | 339.5              | −1 506c                         | 21 506                          |      |
| 34 570                          | 14 470                          | 67.22            | 93.6             | −46.02           | 104.3               | 0.2714 | −0.1132 | 333.8              | −1 522c                         | 24 522                          |      |
| 35 579                          | 15 475                          | 62.81            | 97.27            | −56.68           | 112.58              | 0.2768 | −0.1215 | 329.7              | −1 533c                         | 26 533                          | Mm   |
| 41 606                          | 16 480                          | 49.57            | 94.8             | −81.7            | 125.15              | 0.2874 | −0.1477 | 319.2              | −1 550c                         | 30 550                          |      |
| −1 484c                         | 16 485                          | 33.36            | 73.3             | −109.63          | 131.88              | 0.2894 | −0.1962 | 303.7              | 10 454                          | 32 560                          |      |
| −1 490c                         | 18 490                          | 39.48            | 47.93            | −101.69          | 112.42              | 0.2584 | −0.1769 | 295.2              | 11 459                          | 32 562                          | min  |
| −1 495c                         | 19 495                          | 42.69            | 34.2             | −96.93           | 102.79              | 0.2443 | −0.1679 | 289.4              | 12 461                          | 32 563                          |      |
| −1 499c                         | 19 500                          | 42.69            | 34.2             | −96.93           | 102.79              | 0.2443 | −0.1679 | 289.4              | 12 461                          | 32 563                          |      |
| −1 510c                         | 22 510                          | 52.84            | −7.33            | −80.67           | 81.0                | 0.2099 | −0.144  | 264.8              | 13 466                          | 33 566                          |      |
| −1 519c                         | 23 520                          | 56.28            | −19.89           | −74.95           | 77.55               | 0.2014 | −0.1373 | 255.1              | 13 468                          | 33 568                          | Bm   |
| −1 530c                         | 26 530                          | 66.39            | −49.47           | −57.84           | 76.11               | 0.1852 | −0.1206 | 229.4              | 14 472                          | 34 573                          |      |
| −1 539c                         | 27 540                          | 69.54            | −55.96           | −52.46           | 76.71               | 0.1825 | −0.1162 | 223.1              | 14 473                          | 35 576                          |      |
| −1 544c                         | 28 545                          | 72.53            | −60.74           | −47.32           | 77.0                | 0.1809 | −0.1123 | 217.9              | 14 474                          | 35 578                          |      |
| −1 549c                         | 29 550                          | 75.38            | −63.87           | −42.44           | 76.68               | 0.1803 | −0.1088 | 213.6              | 15 475                          | 36 580                          |      |
| −1 555c                         | 31 555                          | 80.53            | −65.58           | −33.56           | 73.67               | 0.1813 | −0.103  | 207.1              | 15 476                          | 37 586                          |      |
| 10 451                          | 32 560                          | 81.82            | −103.91          | 14.76            | 104.95              | 0.1621 | −0.0782 | 171.9              | 18 492                          | −1 492c                         |      |
| 380                             | 770                             | 100.0            | 0.0              | 0.0              | 0.0                 | 0.2152 | −0.0857 | 0.0                |                                 |                                 |      |

**Ostwald optimal colours (o) of maximum (m) C<sub>AB,10</sub> for D50, Y<sub>w,10</sub>=100, Y<sub>m</sub>=520\_770**

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | L* <sub>10</sub> | a* <sub>10</sub> | b* <sub>10</sub> | C* <sub>ab,10</sub> | a'10   | b'10    | h <sub>ab,10</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|------------------|------------------|------------------|---------------------|--------|---------|--------------------|---------------------------------|---------------------------------|------|
| 1 405                           | 31 559                          | 79.59            | −77.2            | −34.19           | 84.44               | 0.176  | −0.0944 | 203.8              | 15 479                          | 37 589                          | Cm   |
| 7 435                           | 32 561                          | 79.86            | −91.81           | −15.16           | 93.06               | 0.1685 | −0.0853 | 189.3              | 16 484                          | 58 693                          |      |
| 10 450                          | 32 562                          | 79.99            | −106.14          | 10.32            | 106.64              | 0.161  | −0.0733 | 174.4              | 18 493                          | −1 493c                         |      |
| 12 460                          | 32 564                          | 80.41            | −112.32          | 32.6             | 116.95              | 0.1581 | −0.0628 | 163.8              | 20 503                          | −1 503c                         |      |
| 13 465                          | 33 566                          | 81.01            | −111.85          | 45.12            | 120.61              | 0.1587 | −0.0571 | 158.0              | 22 512                          | −1 512c                         |      |
| 14 470                          | 34 570                          | 82.18            | −107.61          | 58.61            | 122.53              | 0.1615 | −0.0511 | 151.4              | 24 521                          | −1 521c                         |      |
| 15 475                          | 35 576                          | 84.23            | −97.14           | 73.13            | 121.59              | 0.1679 | −0.0451 | 143.0              | 26 531                          | −1 531c                         | Gm   |
| 16 480                          | 38 590                          | 88.39            | −73.47           | 90.46            | 116.54              | 0.1812 | −0.0388 | 129.0              | 28 543                          | −1 543c                         |      |
| 17 485                          | −1 485c                         | 97.06            | −11.31           | 114.51           | 115.07              | 0.2116 | −0.0322 | 95.6               | 32 563                          | 11 458                          |      |
| 18 490                          | −1 490c                         | 96.45            | −8.75            | 121.65           | 121.97              | 0.2127 | −0.0291 | 94.1               | 32 564                          | 12 460                          | max  |
| 19 495                          | −1 495c                         | 95.71            | −5.61            | 127.93           | 128.05              | 0.2141 | −0.0262 | 92.5               | 33 565                          | 12 462                          |      |
| 20 500                          | −1 500c                         | 94.84            | −1.91            | 133.35           | 133.36              | 0.2158 | −0.0236 | 90.8               | 33 566                          | 12 464                          |      |
| 21 510                          | −1 509c                         | 93.81            | 2.3              | 137.86           | 137.88              | 0.2177 | −0.0212 | 89.0               | 33 567                          | 13 466                          |      |
| 24 520                          | −1 520c                         | 89.67            | 17.74            | 147.75           | 148.81              | 0.2251 | −0.015  | 83.1               | 34 571                          | 14 471                          | Ym   |
| 25 530                          | −1 529c                         | 87.89            | 23.66            | 147.2            | 149.09              | 0.2281 | −0.0131 | 80.8               | 34 573                          | 14 473                          |      |
| 28 540                          | −1 540c                         | 81.47            | 42.32            | 139.84           | 146.11              | 0.2385 | −0.0073 | 73.1               | 35 579                          | 15 476                          |      |
| 29 545                          | −1 545c                         | 78.99            | 48.54            | 135.98           | 144.39              | 0.2423 | −0.0052 | 70.3               | 36 581                          | 15 477                          |      |
| 29 550                          | −1 549c                         | 78.99            | 48.54            | 135.98           | 144.39              | 0.2423 | −0.0052 | 70.3               | 36 581                          | 15 477                          |      |
| 31 555                          | −1 555c                         | 73.59            | 60.31            | 126.89           | 140.49              | 0.2505 | 0.0     | 64.5               | 37 587                          | 15 479                          |      |
| 32 560                          | 2 411                           | 70.73            | 66.43            | 91.22            | 112.85              | 0.2551 | −0.0304 | 53.9               | 38 591                          | 16 480                          |      |
| 31 559                          | 1 405                           | 72.26            | 63.47            | 103.03           | 121.01              | 0.2528 | −0.0252 | 58.3               | 37 589                          | 15 479                          | Rm   |
| 32 561                          | 7 435                           | 71.95            | 72.06            | 23.05            | 75.66               | 0.2578 | −0.0663 | 17.7               | 58 693                          | 16 484                          |      |
| 32 562                          | 10 450                          | 71.79            | 79.33            | −10.79           | 80.06               | 0.2621 | −0.0837 | 352.2              | −1 493c                         | 18 493                          |      |
| 32 564                          | 12 460                          | 71.28            | 83.46            | −27.25           | 87.8                | 0.2647 | −0.0923 | 341.9              | −1 503c                         | 20 503                          |      |
| 33 566                          | 13 465                          | 70.54            | 85.3             | −34.29           | 91.94               | 0.2662 | −0.0961 | 338.1              | −1 512c                         | 22 512                          |      |
| 34 570                          | 14 470                          | 69.01            | 87.54            | −41.42           | 96.85               | 0.2684 | −0.1003 | 334.6              | −1 521c                         | 24 521                          |      |
| 35 576                          | 15 475                          | 66.13            | 89.85            | −49.78           | 102.72              | 0.2716 | −0.1057 | 331.0              | −1 531c                         | 26 531                          | Mm   |
| 38 590                          | 16 480                          | 59.09            | 91.66            | −64.37           | 112.01              | 0.278  | −0.1171 | 324.9              | −1 543c                         | 28 543                          |      |
| −1 485c                         | 17 485                          | 32.71            | 47.82            | −111.58          | 121.39              | 0.266  | −0.1821 | 293.2              | 11 458                          | 32 563                          |      |
| −1 490c                         | 18 490                          | 35.8             | 34.81            | −107.5           | 113.0               | 0.2505 | −0.1724 | 287.9              | 12 460                          | 32 564                          | min  |
| −1 495c                         | 19 495                          | 39.04            | 20.95            | −102.82          | 104.93              | 0.2358 | −0.1629 | 281.5              | 12 462                          | 33 565                          |      |
| −1 500c                         | 20 500                          | 42.42            | 6.67             | −97.66           | 97.89               | 0.2224 | −0.154  | 273.9              | 12 464                          | 33 566                          |      |
| −1 509c                         | 21 510                          | 45.88            | −7.52            | −92.18           | 92.48               | 0.2105 | −0.1458 | 265.3              | 13 466                          | 33 567                          |      |
| −1 520c                         | 24 520                          | 56.5             | −45.46           | −74.63           | 87.39               | 0.1851 | −0.1249 | 238.6              | 14 471                          | 34 571                          | Bm   |
| −1 529c                         | 25 530                          | 60.04            | −55.36           | −68.66           | 88.2                | 0.18   | −0.1191 | 231.1              | 14 473                          | 34 573                          |      |
| −1 540c                         | 28 540                          | 69.95            | −73.85           | −51.77           | 90.19               | 0.1734 | −0.1055 | 215.0              | 15 476                          | 35 579                          |      |
| −1 545c                         | 29 545                          | 72.95            | −76.41           | −46.62           | 89.51               | 0.1734 | −0.1019 | 211.3              | 15 477                          | 36 581                          |      |
| −1 549c                         | 29 550                          | 72.95            | −76.41           | −46.62           | 89.51               | 0.1734 | −0.1019 | 211.3              | 15 477                          | 36 581                          |      |
| −1 555c                         | 31 555                          | 78.42            | −76.8            | −37.2            | 85.33               | 0.1757 | −0.096  | 205.8              | 15 479                          | 37 587                          |      |
| 2 411                           | 32 560                          | 80.85            | −76.45           | −31.35           | 82.63               | 0.1769 | −0.0928 | 202.2              | 16 480                          | 38 591                          |      |
| 380                             | 770                             | 100.0            | 0.0              | 0.0              | 0.0                 | 0.2166 | −0.0782 | 0.0                |                                 |                                 |      |

| Ostwald optimal colours (o) of maximum (m) C <sub>AB,10</sub> for P40, Y <sub>w,10</sub> =100, Y <sub>m</sub> =520_770 |                                 |                  |                  |                  |                     |        |         |                    |                                 |                                 |      |  |  |
|------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|---------------------|--------|---------|--------------------|---------------------------------|---------------------------------|------|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                        | i <sub>2</sub> , λ <sub>2</sub> | L* <sub>10</sub> | a* <sub>10</sub> | b* <sub>10</sub> | C* <sub>ab,10</sub> | a'10   | b'10    | h <sub>ab,10</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  |  |
| 0 405                                                                                                                  | 32 563                          | 78.76            | -81.38           | -36.17           | 89.06               | 0.1764 | -0.0883 | 203.9              | 16 481                          | 38 591                          | Cm   |  |  |
| 7 435                                                                                                                  | 32 564                          | 78.94            | -94.37           | -14.88           | 95.53               | 0.1695 | -0.0789 | 188.9              | 17 487                          | -1 487c                         |      |  |  |
| 10 450                                                                                                                 | 33 565                          | 79.08            | -104.44          | 9.38             | 104.86              | 0.1642 | -0.0682 | 174.8              | 19 495                          | -1 495c                         |      |  |  |
| 12 460                                                                                                                 | 33 567                          | 79.47            | -108.07          | 30.19            | 112.21              | 0.1624 | -0.059  | 164.3              | 21 505                          | -1 505c                         |      |  |  |
| 12 465                                                                                                                 | 33 568                          | 80.28            | -105.82          | 31.58            | 110.44              | 0.1641 | -0.0585 | 163.3              | 21 506                          | -1 506c                         |      |  |  |
| 14 470                                                                                                                 | 34 571                          | 80.97            | -103.83          | 54.72            | 117.37              | 0.1656 | -0.0486 | 152.2              | 24 521                          | -1 521c                         |      |  |  |
| 15 475                                                                                                                 | 35 576                          | 82.65            | -95.97           | 68.11            | 117.68              | 0.1706 | -0.0433 | 144.6              | 26 531                          | -1 531c                         | Gm   |  |  |
| 16 480                                                                                                                 | 37 585                          | 86.0             | -79.0            | 83.66            | 115.06              | 0.1807 | -0.0379 | 133.3              | 28 542                          | -1 542c                         |      |  |  |
| 17 485                                                                                                                 | 42 611                          | 92.93            | -38.27           | 104.63           | 111.41              | 0.2024 | -0.032  | 110.0              | 31 558                          | -1 558c                         |      |  |  |
| 17 490                                                                                                                 | -1 489c                         | 97.69            | -7.78            | 112.84           | 113.11              | 0.2168 | -0.0306 | 93.9               | 33 566                          | 11 458                          | max  |  |  |
| 19 495                                                                                                                 | -1 495c                         | 96.55            | -2.94            | 126.74           | 126.77              | 0.219  | -0.025  | 91.3               | 33 568                          | 12 463                          |      |  |  |
| 20 500                                                                                                                 | -1 500c                         | 95.8             | 0.22             | 132.44           | 132.44              | 0.2204 | -0.0226 | 89.9               | 33 569                          | 13 465                          |      |  |  |
| 22 510                                                                                                                 | -1 510c                         | 93.86            | 8.05             | 141.35           | 141.57              | 0.2241 | -0.0183 | 86.7               | 34 571                          | 13 469                          |      |  |  |
| 23 520                                                                                                                 | -1 519c                         | 92.64            | 12.68            | 144.81           | 145.37              | 0.2263 | -0.0163 | 84.9               | 34 572                          | 14 471                          | Ym   |  |  |
| 25 530                                                                                                                 | -1 529c                         | 89.67            | 22.97            | 150.56           | 152.31              | 0.2314 | -0.0126 | 81.3               | 35 575                          | 14 474                          |      |  |  |
| 28 540                                                                                                                 | -1 540c                         | 83.91            | 40.03            | 144.07           | 149.53              | 0.2408 | -0.007  | 74.4               | 36 581                          | 15 477                          |      |  |  |
| 28 545                                                                                                                 | -1 544c                         | 83.91            | 40.03            | 144.07           | 149.53              | 0.2408 | -0.007  | 74.4               | 36 581                          | 15 477                          |      |  |  |
| 30 550                                                                                                                 | -1 550c                         | 79.24            | 51.51            | 136.59           | 145.98              | 0.248  | -0.0029 | 69.3               | 37 585                          | 15 479                          |      |  |  |
| 31 555                                                                                                                 | -1 555c                         | 76.66            | 57.02            | 132.17           | 143.94              | 0.2518 | 0.0     | 66.6               | 37 587                          | 16 480                          |      |  |  |
| 31 560                                                                                                                 | -1 559c                         | 76.66            | 57.02            | 132.17           | 143.94              | 0.2518 | 0.0     | 66.6               | 37 587                          | 16 480                          |      |  |  |
| 32 563                                                                                                                 | 0 405                           | 73.21            | 63.62            | 119.59           | 135.46              | 0.2568 | -0.0176 | 61.9               | 38 591                          | 16 481                          | Rm   |  |  |
| 32 564                                                                                                                 | 7 435                           | 73.01            | 70.68            | 21.35            | 73.84               | 0.2609 | -0.0622 | 16.8               | -1 487c                         | 17 487                          |      |  |  |
| 33 565                                                                                                                 | 10 450                          | 72.84            | 75.76            | -9.53            | 76.35               | 0.2639 | -0.0768 | 352.8              | -1 495c                         | 19 495                          |      |  |  |
| 33 567                                                                                                                 | 12 460                          | 72.4             | 78.54            | -24.87           | 82.38               | 0.2658 | -0.0841 | 342.4              | -1 505c                         | 21 505                          |      |  |  |
| 33 568                                                                                                                 | 12 465                          | 71.44            | 80.12            | -26.52           | 84.39               | 0.2672 | -0.085  | 341.6              | -1 506c                         | 21 506                          |      |  |  |
| 34 571                                                                                                                 | 14 470                          | 70.59            | 81.46            | -38.07           | 89.92               | 0.2684 | -0.0908 | 334.9              | -1 521c                         | 24 521                          |      |  |  |
| 35 576                                                                                                                 | 15 475                          | 68.39            | 83.26            | -45.25           | 94.77               | 0.2708 | -0.0948 | 331.4              | -1 531c                         | 26 531                          | Mm   |  |  |
| 37 585                                                                                                                 | 16 480                          | 63.36            | 85.37            | -56.42           | 102.33              | 0.2753 | -0.1021 | 326.5              | -1 542c                         | 28 542                          |      |  |  |
| 42 611                                                                                                                 | 17 485                          | 48.5             | 77.13            | -83.88           | 113.95              | 0.2815 | -0.1269 | 312.5              | -1 558c                         | 31 558                          |      |  |  |
| -1 489c                                                                                                                | 17 490                          | 29.03            | 40.0             | -117.45          | 124.07              | 0.2658 | -0.1818 | 288.8              | 11 458                          | 33 566                          | min  |  |  |
| -1 495c                                                                                                                | 19 495                          | 35.33            | 13.24            | -108.93          | 109.73              | 0.2335 | -0.1614 | 276.9              | 12 463                          | 33 568                          |      |  |  |
| -1 500c                                                                                                                | 20 500                          | 38.69            | -0.95            | -103.87          | 103.87              | 0.2194 | -0.152  | 269.4              | 13 465                          | 33 569                          |      |  |  |
| -1 510c                                                                                                                | 22 510                          | 45.72            | -29.0            | -92.66           | 97.1                | 0.1963 | -0.1353 | 252.6              | 13 469                          | 34 571                          |      |  |  |
| -1 519c                                                                                                                | 23 520                          | 49.34            | -41.96           | -86.71           | 96.33               | 0.1875 | -0.128  | 244.1              | 14 471                          | 34 572                          | Bm   |  |  |
| -1 529c                                                                                                                | 25 530                          | 56.5             | -63.25           | -74.72           | 97.9                | 0.1757 | -0.1156 | 229.7              | 14 474                          | 35 575                          |      |  |  |
| -1 540c                                                                                                                | 28 540                          | 66.6             | -81.34           | -57.53           | 99.63               | 0.17   | -0.1015 | 215.2              | 15 477                          | 36 581                          |      |  |  |
| -1 544c                                                                                                                | 28 545                          | 66.6             | -81.34           | -57.53           | 99.63               | 0.17   | -0.1015 | 215.2              | 15 477                          | 36 581                          |      |  |  |
| -1 550c                                                                                                                | 30 550                          | 72.66            | -84.53           | -47.12           | 96.78               | 0.1716 | -0.0946 | 209.1              | 15 479                          | 37 585                          |      |  |  |
| -1 555c                                                                                                                | 31 555                          | 75.48            | -83.79           | -42.27           | 93.85               | 0.1735 | -0.0917 | 206.7              | 16 480                          | 37 587                          |      |  |  |
| -1 559c                                                                                                                | 31 560                          | 75.48            | -83.79           | -42.27           | 93.85               | 0.1735 | -0.0917 | 206.7              | 16 480                          | 37 587                          |      |  |  |
| 380                                                                                                                    | 770                             | 100.0            | 0.0              | 0.0              | 0.0                 | 0.2203 | -0.0723 | 0.0                |                                 |                                 |      |  |  |

**Ostwald optimal colours (o) of maximum (m) C<sub>AB,10</sub> for A00, Y<sub>w,10</sub>=100, Y<sub>m</sub>=520\_770**

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | L* <sub>10</sub> | a* <sub>10</sub> | b* <sub>10</sub> | C* <sub>ab,10</sub> | a'10   | b'10    | h <sub>ab,10</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|------------------|------------------|------------------|---------------------|--------|---------|--------------------|---------------------------------|---------------------------------|------|
| 1 405                           | 34 570                          | 77.44            | −88.6            | −38.18           | 96.48               | 0.177  | −0.0731 | 203.3              | 17 487                          | 39 597                          | Cm   |
| 7 435                           | 34 570                          | 77.56            | −93.68           | −21.55           | 96.13               | 0.1742 | −0.067  | 192.9              | 18 491                          | 47 639                          |      |
| 9 450                           | 34 571                          | 77.74            | −96.44           | −7.98            | 96.77               | 0.1727 | −0.062  | 184.7              | 19 495                          | −1 495c                         |      |
| 12 460                          | 34 572                          | 77.88            | −99.8            | 19.15            | 101.62              | 0.1709 | −0.0521 | 169.1              | 21 505                          | −1 505c                         |      |
| 13 465                          | 34 573                          | 78.16            | −99.37           | 30.12            | 103.84              | 0.1713 | −0.0481 | 163.1              | 22 512                          | −1 512c                         |      |
| 14 470                          | 34 574                          | 78.7             | −97.54           | 41.74            | 106.1               | 0.1727 | −0.044  | 156.8              | 24 520                          | −1 520c                         |      |
| 15 475                          | 35 576                          | 79.61            | −93.37           | 53.64            | 107.68              | 0.1755 | −0.0398 | 150.1              | 25 528                          | −1 528c                         | Gm   |
| 16 480                          | 36 581                          | 81.34            | −85.65           | 66.39            | 108.37              | 0.1806 | −0.0357 | 142.2              | 27 537                          | −1 537c                         |      |
| 17 485                          | 37 588                          | 84.4             | −71.56           | 80.78            | 107.92              | 0.1894 | −0.0315 | 131.5              | 29 547                          | −1 547c                         |      |
| 18 490                          | 41 609                          | 91.23            | −37.96           | 101.04           | 107.94              | 0.2083 | −0.0268 | 110.5              | 32 561                          | −1 561c                         | max  |
| 19 495                          | −1 495c                         | 97.82            | 1.09             | 120.3            | 120.31              | 0.2274 | −0.0228 | 89.4               | 34 573                          | 13 465                          |      |
| 20 500                          | −1 500c                         | 97.28            | 3.38             | 126.72           | 126.77              | 0.2285 | −0.0207 | 88.4               | 34 573                          | 13 468                          |      |
| 21 510                          | −1 509c                         | 96.62            | 6.1              | 132.41           | 132.55              | 0.2298 | −0.0187 | 87.3               | 34 574                          | 14 470                          |      |
| 24 520                          | −1 520c                         | 93.78            | 16.92            | 145.89           | 146.87              | 0.235  | −0.0135 | 83.3               | 35 577                          | 15 476                          | Ym   |
| 25 530                          | −1 529c                         | 92.51            | 21.27            | 155.91           | 157.35              | 0.2372 | −0.0118 | 82.2               | 35 578                          | 15 477                          |      |
| 27 540                          | −1 539c                         | 89.47            | 30.85            | 153.06           | 156.14              | 0.2423 | −0.0084 | 78.6               | 36 581                          | 16 480                          |      |
| 29 545                          | −1 545c                         | 85.74            | 41.2             | 147.64           | 153.28              | 0.2482 | −0.0048 | 74.4               | 37 585                          | 16 483                          |      |
| 30 550                          | −1 550c                         | 83.62            | 46.44            | 144.14           | 151.43              | 0.2515 | −0.0027 | 72.1               | 37 587                          | 16 484                          |      |
| 31 555                          | −1 555c                         | 81.31            | 51.63            | 140.19           | 149.39              | 0.2549 | 0.0     | 69.7               | 37 589                          | 17 485                          |      |
| 32 560                          | −1 560c                         | 78.81            | 56.65            | 135.88           | 147.22              | 0.2584 | 0.0     | 67.3               | 38 592                          | 17 486                          |      |
| 34 570                          | 1 405                           | 74.66            | 63.91            | 112.25           | 129.17              | 0.264  | −0.0166 | 60.3               | 39 597                          | 17 487                          | Rm   |
| 34 570                          | 7 435                           | 74.53            | 66.6             | 32.55            | 74.13               | 0.2657 | −0.0468 | 26.0               | 47 639                          | 18 491                          |      |
| 34 571                          | 9 450                           | 74.33            | 68.35            | 9.6              | 69.02               | 0.2668 | −0.0554 | 8.0                | −1 495c                         | 19 495                          |      |
| 34 572                          | 12 460                          | 74.19            | 70.2             | −16.56           | 72.13               | 0.2679 | −0.0654 | 346.7              | −1 505c                         | 21 505                          |      |
| 34 573                          | 13 465                          | 73.88            | 70.79            | −23.54           | 74.61               | 0.2684 | −0.0681 | 341.6              | −1 512c                         | 22 512                          |      |
| 34 574                          | 14 470                          | 73.28            | 71.49            | −29.82           | 77.46               | 0.2691 | −0.0706 | 337.3              | −1 520c                         | 24 520                          |      |
| 35 576                          | 15 475                          | 72.24            | 72.11            | −35.68           | 80.46               | 0.2699 | −0.073  | 333.6              | −1 528c                         | 25 528                          | Mm   |
| 36 581                          | 16 480                          | 70.11            | 73.22            | −42.42           | 84.63               | 0.2717 | −0.076  | 329.9              | −1 537c                         | 27 537                          |      |
| 37 588                          | 17 485                          | 65.88            | 74.11            | −52.04           | 90.56               | 0.2746 | −0.0809 | 324.9              | −1 547c                         | 29 547                          |      |
| 41 609                          | 18 490                          | 52.98            | 67.78            | −76.04           | 101.87              | 0.2787 | −0.0969 | 311.7              | −1 561c                         | 32 561                          | min  |
| −1 495c                         | 19 495                          | 28.2             | −7.59            | −120.08          | 120.32              | 0.2178 | −0.1524 | 266.3              | 13 465                          | 34 573                          |      |
| −1 500c                         | 20 500                          | 31.51            | −21.58           | −115.36          | 117.36              | 0.2029 | −0.1424 | 259.4              | 13 468                          | 34 573                          |      |
| −1 509c                         | 21 510                          | 34.98            | −35.67           | −110.13          | 115.76              | 0.19   | −0.1332 | 252.0              | 14 470                          | 34 574                          |      |
| −1 520c                         | 24 520                          | 45.97            | −73.27           | −92.46           | 117.98              | 0.1646 | −0.1103 | 231.6              | 15 476                          | 35 577                          | Bm   |
| −1 529c                         | 25 530                          | 49.67            | −82.45           | −86.33           | 119.38              | 0.1607 | −0.1042 | 226.3              | 15 477                          | 35 578                          |      |
| −1 539c                         | 27 540                          | 56.91            | −94.77           | −74.14           | 120.32              | 0.1584 | −0.094  | 218.0              | 16 480                          | 36 581                          |      |
| −1 545c                         | 29 545                          | 63.78            | −99.53           | −62.42           | 117.49              | 0.1612 | −0.0859 | 212.0              | 16 483                          | 37 585                          |      |
| −1 550c                         | 30 550                          | 67.03            | −99.4            | −56.84           | 114.5               | 0.1638 | −0.0826 | 209.7              | 16 484                          | 37 587                          |      |
| −1 555c                         | 31 555                          | 70.16            | −97.78           | −51.44           | 110.49              | 0.1671 | −0.0796 | 207.7              | 17 485                          | 37 589                          |      |
| −1 560c                         | 32 560                          | 73.16            | −94.83           | −46.28           | 105.52              | 0.1709 | −0.0769 | 206.0              | 17 486                          | 38 592                          |      |
| 380                             | 770                             | 100.0            | 0.0              | 0.0              | 0.0                 | 0.2269 | −0.0591 | 0.0                |                                 |                                 |      |

**Ostwald optimal colours (o) of maximum (m) C<sub>AB,10</sub> for E00, Y<sub>w,10</sub>=100, Y<sub>m</sub>=520\_770**

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | L* <sub>10</sub> | a* <sub>10</sub> | b* <sub>10</sub> | C* <sub>ab,10</sub> | a'10   | b'10    | h <sub>ab,10</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|------------------|------------------|------------------|---------------------|--------|---------|--------------------|---------------------------------|---------------------------------|------|
| 1 405                           | 31 559                          | 79.43            | −69.97           | −33.95           | 77.77               | 0.1818 | −0.101  | 205.8              | 15 477                          | 37 589                          | Cm   |
| 7 435                           | 32 561                          | 79.66            | −92.09           | −9.07            | 92.54               | 0.1701 | −0.0883 | 185.6              | 16 484                          | −1 484c                         |      |
| 10 450                          | 32 562                          | 79.85            | −108.58          | 17.48            | 109.98              | 0.1615 | −0.0748 | 170.8              | 18 493                          | −1 493c                         |      |
| 12 460                          | 33 565                          | 80.46            | −114.73          | 39.56            | 121.36              | 0.1586 | −0.0638 | 160.9              | 21 506                          | −1 506c                         |      |
| 13 465                          | 33 568                          | 81.27            | −113.48          | 52.13            | 124.89              | 0.1597 | −0.0577 | 155.3              | 23 515                          | −1 515c                         |      |
| 13 470                          | 34 572                          | 83.3             | −106.49          | 55.62            | 120.14              | 0.1645 | −0.0565 | 152.4              | 24 520                          | −1 520c                         |      |
| 14 475                          | 36 581                          | 86.11            | −93.97           | 71.53            | 118.1               | 0.1723 | −0.0497 | 142.7              | 26 532                          | −1 532c                         | Gm   |
| 16 480                          | 40 604                          | 91.81            | −55.72           | 101.41           | 115.71              | 0.1928 | −0.038  | 118.7              | 30 551                          | −1 551c                         |      |
| 17 485                          | −1 485c                         | 96.74            | −15.85           | 118.68           | 119.73              | 0.2119 | −0.0326 | 97.6               | 32 564                          | 11 456                          |      |
| 18 490                          | −1 490c                         | 96.1             | −13.14           | 125.53           | 126.21              | 0.2131 | −0.0293 | 95.9               | 32 564                          | 11 458                          | max  |
| 19 495                          | −1 495c                         | 95.33            | −9.88            | 131.44           | 131.81              | 0.2145 | −0.0263 | 94.3               | 33 565                          | 12 460                          |      |
| 20 500                          | −1 500c                         | 94.43            | −6.08            | 136.47           | 136.6               | 0.2162 | −0.0236 | 92.5               | 33 566                          | 12 462                          |      |
| 22 510                          | −1 510c                         | 92.16            | 3.03             | 143.93           | 143.96              | 0.2205 | −0.019  | 88.7               | 33 569                          | 13 466                          |      |
| 23 520                          | −1 519c                         | 90.77            | 8.29             | 146.41           | 146.64              | 0.223  | −0.0169 | 86.7               | 34 570                          | 13 468                          | Ym   |
| 25 530                          | −1 529c                         | 87.45            | 19.7             | 146.61           | 147.93              | 0.2287 | −0.013  | 82.3               | 34 573                          | 14 470                          |      |
| 27 540                          | −1 539c                         | 83.46            | 31.82            | 142.58           | 146.09              | 0.2353 | −0.0092 | 77.4               | 35 577                          | 14 473                          |      |
| 29 545                          | −1 545c                         | 78.83            | 44.02            | 135.72           | 142.68              | 0.2426 | −0.0052 | 72.0               | 36 582                          | 15 475                          |      |
| 29 550                          | −1 549c                         | 78.83            | 44.02            | 135.72           | 142.68              | 0.2426 | −0.0052 | 72.0               | 36 582                          | 15 475                          |      |
| 31 555                          | −1 555c                         | 73.61            | 55.53            | 126.92           | 138.53              | 0.2505 | 0.0     | 66.3               | 37 587                          | 15 476                          |      |
| 32 560                          | 3 415                           | 70.87            | 63.43            | 69.33            | 93.97               | 0.2562 | −0.0449 | 47.5               | 39 595                          | 15 478                          |      |
| 31 559                          | 1 405                           | 72.45            | 58.84            | 95.98            | 112.58              | 0.2529 | −0.0309 | 58.4               | 37 589                          | 15 477                          | Rm   |
| 32 561                          | 7 435                           | 72.18            | 71.63            | 12.24            | 72.67               | 0.2603 | −0.077  | 9.6                | −1 484c                         | 16 484                          |      |
| 32 562                          | 10 450                          | 71.95            | 79.98            | −16.73           | 81.72               | 0.2653 | −0.093  | 348.1              | −1 493c                         | 18 493                          |      |
| 33 565                          | 12 460                          | 71.21            | 84.68            | −30.97           | 90.17               | 0.2684 | −0.101  | 339.9              | −1 506c                         | 21 506                          |      |
| 33 568                          | 13 465                          | 70.2             | 86.97            | −37.58           | 94.75               | 0.2703 | −0.1049 | 336.6              | −1 515c                         | 23 515                          |      |
| 34 572                          | 13 470                          | 67.48            | 91.21            | −42.27           | 100.53              | 0.2746 | −0.1083 | 335.1              | −1 520c                         | 24 520                          |      |
| 36 581                          | 14 475                          | 63.17            | 95.86            | −53.49           | 109.77              | 0.2806 | −0.1165 | 330.8              | −1 532c                         | 26 532                          | Mm   |
| 40 604                          | 16 480                          | 51.52            | 92.9             | −78.43           | 121.58              | 0.289  | −0.1402 | 319.8              | −1 551c                         | 30 551                          |      |
| −1 485c                         | 17 485                          | 34.38            | 59.2             | −109.46          | 124.44              | 0.2788 | −0.1893 | 298.4              | 11 456                          | 32 564                          |      |
| −1 490c                         | 18 490                          | 37.42            | 46.35            | −105.27          | 115.03              | 0.2632 | −0.1795 | 293.7              | 11 458                          | 32 564                          | min  |
| −1 495c                         | 19 495                          | 40.57            | 32.86            | −100.6           | 105.83              | 0.2486 | −0.1701 | 288.0              | 12 460                          | 33 565                          |      |
| −1 500c                         | 20 500                          | 43.84            | 19.01            | −95.52           | 97.39               | 0.2352 | −0.1613 | 281.2              | 12 462                          | 33 566                          |      |
| −1 510c                         | 22 510                          | 50.61            | −8.3             | −84.51           | 84.92               | 0.2127 | −0.1454 | 264.3              | 13 466                          | 33 569                          |      |
| −1 519c                         | 23 520                          | 54.06            | −21.03           | −78.76           | 81.52               | 0.2038 | −0.1383 | 255.0              | 13 468                          | 34 570                          | Bm   |
| −1 529c                         | 25 530                          | 60.84            | −42.55           | −67.32           | 79.65               | 0.1909 | −0.1263 | 237.7              | 14 470                          | 34 573                          |      |
| −1 539c                         | 27 540                          | 67.25            | −57.63           | −56.4            | 80.64               | 0.1838 | −0.1166 | 224.3              | 14 473                          | 35 577                          |      |
| −1 545c                         | 29 545                          | 73.13            | −66.12           | −46.31           | 80.73               | 0.1813 | −0.109  | 215.0              | 15 475                          | 36 582                          |      |
| −1 549c                         | 29 550                          | 73.13            | −66.12           | −46.31           | 80.73               | 0.1813 | −0.109  | 215.0              | 15 475                          | 36 582                          |      |
| −1 555c                         | 31 555                          | 78.41            | −68.43           | −37.22           | 77.9                | 0.1822 | −0.1029 | 208.5              | 15 476                          | 37 587                          |      |
| 3 415                           | 32 560                          | 80.74            | −72.04           | −28.77           | 77.57               | 0.1812 | −0.0982 | 201.7              | 15 478                          | 39 595                          |      |
| 380                             | 770                             | 100.0            | 0.0              | 0.0              | 0.0                 | 0.219  | −0.0837 | 0.0                |                                 |                                 |      |

**Ostwald optimal colours (o) of maximum (m) C<sub>AB,10</sub> for C00, Y<sub>w,10</sub>=100, Y<sub>m</sub>=520\_770**

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | L* <sub>10</sub> | a* <sub>10</sub> | b* <sub>10</sub> | C* <sub>ab,10</sub> | a'10   | b'10    | h <sub>ab,10</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|------------------|------------------|------------------|---------------------|--------|---------|--------------------|---------------------------------|---------------------------------|------|
| 1 405                           | 31 556                          | 79.55            | −62.94           | −34.33           | 71.69               | 0.1839 | −0.1063 | 208.6              | 15 475                          | 37 586                          | Cm   |
| 6 435                           | 31 558                          | 80.09            | −80.06           | −17.74           | 82.0                | 0.1751 | −0.0974 | 192.4              | 16 480                          | 44 623                          |      |
| 9 450                           | 32 560                          | 80.48            | −100.43          | 6.75             | 100.66              | 0.1646 | −0.0844 | 176.1              | 17 487                          | −1 487c                         |      |
| 12 460                          | 32 563                          | 80.92            | −115.27          | 39.0             | 121.69              | 0.1571 | −0.0674 | 161.3              | 20 504                          | −1 504c                         |      |
| 12 465                          | 33 566                          | 82.38            | −111.12          | 41.51            | 118.62              | 0.1601 | −0.0664 | 159.5              | 21 507                          | −1 507c                         |      |
| 13 470                          | 34 572                          | 84.32            | −105.95          | 56.44            | 120.04              | 0.1638 | −0.0593 | 151.9              | 24 520                          | −1 520c                         |      |
| 14 475                          | 36 582                          | 87.61            | −90.64           | 73.68            | 116.81              | 0.173  | −0.0517 | 140.8              | 26 533                          | −1 533c                         | Gm   |
| 16 480                          | 44 622                          | 94.59            | −37.95           | 107.02           | 113.55              | 0.1998 | −0.0386 | 109.5              | 31 556                          | 0 403                           |      |
| 17 485                          | −1 485c                         | 96.04            | −18.84           | 118.93           | 120.42              | 0.2086 | −0.0338 | 99.0               | 32 562                          | 11 456                          |      |
| 18 490                          | −1 490c                         | 95.27            | −15.61           | 126.11           | 127.07              | 0.21   | −0.0301 | 97.0               | 32 563                          | 11 459                          | max  |
| 19 495                          | −1 495c                         | 94.39            | −11.85           | 132.2            | 132.74              | 0.2116 | −0.0268 | 95.1               | 32 564                          | 12 461                          |      |
| 20 500                          | −1 500c                         | 93.39            | −7.65            | 137.25           | 137.46              | 0.2135 | −0.0239 | 93.1               | 33 565                          | 12 463                          |      |
| 22 510                          | −1 510c                         | 91.04            | 1.78             | 142.45           | 142.46              | 0.2179 | −0.0191 | 89.2               | 33 567                          | 13 466                          |      |
| 24 520                          | −1 520c                         | 88.11            | 12.43            | 145.37           | 145.9               | 0.2231 | −0.015  | 85.1               | 34 570                          | 13 468                          | Ym   |
| 26 530                          | −1 530c                         | 84.48            | 24.05            | 143.15           | 145.15              | 0.2291 | −0.0113 | 80.4               | 34 574                          | 14 471                          |      |
| 28 540                          | −1 540c                         | 79.99            | 36.54            | 137.3            | 142.08              | 0.2362 | −0.0074 | 75.0               | 35 578                          | 14 473                          |      |
| 28 545                          | −1 544c                         | 79.99            | 36.54            | 137.3            | 142.08              | 0.2362 | −0.0074 | 75.0               | 35 578                          | 14 473                          |      |
| 29 550                          | −1 549c                         | 77.45            | 42.86            | 133.32           | 140.04              | 0.2402 | −0.0053 | 72.1               | 36 580                          | 14 474                          |      |
| 31 555                          | −1 555c                         | 71.78            | 55.02            | 123.76           | 135.44              | 0.2486 | 0.0     | 66.0               | 37 585                          | 15 475                          |      |
| 31 560                          | 9 447                           | 72.94            | 74.81            | −5.27            | 75.0                | 0.2594 | −0.091  | 355.9              | −1 487c                         | 17 487                          |      |
| 31 556                          | 1 405                           | 72.31            | 54.74            | 104.15           | 117.66              | 0.2483 | −0.0277 | 62.2               | 37 586                          | 15 475                          | Rm   |
| 31 558                          | 6 435                           | 71.66            | 66.43            | 28.84            | 72.42               | 0.2552 | −0.0712 | 23.4               | 44 623                          | 16 480                          |      |
| 32 560                          | 9 450                           | 71.19            | 78.24            | −7.55            | 78.6                | 0.2623 | −0.0924 | 354.4              | −1 487c                         | 17 487                          |      |
| 32 563                          | 12 460                          | 70.65            | 86.5             | −31.28           | 91.98               | 0.2673 | −0.1064 | 340.1              | −1 504c                         | 20 504                          |      |
| 33 566                          | 12 465                          | 68.75            | 89.94            | −34.54           | 96.35               | 0.2705 | −0.1088 | 338.9              | −1 507c                         | 21 507                          |      |
| 34 572                          | 13 470                          | 65.99            | 95.06            | −44.46           | 104.94              | 0.2755 | −0.1157 | 334.9              | −1 520c                         | 24 520                          |      |
| 36 582                          | 14 475                          | 60.56            | 100.71           | −57.86           | 116.15              | 0.2833 | −0.1266 | 330.1              | −1 533c                         | 26 533                          | Mm   |
| 44 622                          | 16 480                          | 43.3             | 88.0             | −92.76           | 127.86              | 0.2918 | −0.1679 | 313.4              | 0 403                           | 31 556                          |      |
| −1 485c                         | 17 485                          | 37.65            | 61.31            | −104.04          | 120.76              | 0.2747 | −0.1871 | 300.5              | 11 456                          | 32 562                          |      |
| −1 490c                         | 18 490                          | 40.81            | 47.95            | −99.66           | 110.6               | 0.2596 | −0.1776 | 295.6              | 11 459                          | 32 563                          | min  |
| −1 495c                         | 19 495                          | 43.98            | 34.37            | −94.93           | 100.96              | 0.2459 | −0.1688 | 289.9              | 12 461                          | 32 564                          |      |
| −1 500c                         | 20 500                          | 47.15            | 20.94            | −89.98           | 92.38               | 0.2338 | −0.1608 | 283.1              | 12 463                          | 33 565                          |      |
| −1 510c                         | 22 510                          | 53.42            | −4.32            | −79.77           | 79.89               | 0.2139 | −0.1467 | 266.8              | 13 466                          | 33 567                          |      |
| −1 520c                         | 24 520                          | 59.62            | −26.27           | −69.37           | 74.18               | 0.1995 | −0.1348 | 249.2              | 13 468                          | 34 570                          | Bm   |
| −1 530c                         | 26 530                          | 65.76            | −43.53           | −58.93           | 73.27               | 0.1902 | −0.1248 | 233.5              | 14 471                          | 34 574                          |      |
| −1 540c                         | 28 540                          | 71.78            | −55.39           | −48.62           | 73.71               | 0.1853 | −0.1163 | 221.2              | 14 473                          | 35 578                          |      |
| −1 544c                         | 28 545                          | 71.78            | −55.39           | −48.62           | 73.71               | 0.1853 | −0.1163 | 221.2              | 14 473                          | 35 578                          |      |
| −1 549c                         | 29 550                          | 74.65            | −59.03           | −43.69           | 73.44               | 0.1842 | −0.1126 | 216.5              | 14 474                          | 36 580                          |      |
| −1 555c                         | 31 555                          | 80.0             | −61.78           | −34.48           | 70.76               | 0.1846 | −0.1063 | 209.1              | 15 475                          | 37 585                          |      |
| 9 447                           | 31 560                          | 79.0             | −102.91          | 4.92             | 103.03              | 0.1625 | −0.0853 | 177.2              | 17 487                          | −1 487c                         |      |
| 380                             | 770                             | 100.0            | 0.0              | 0.0              | 0.0                 | 0.2171 | −0.088  | 0.0                |                                 |                                 |      |

**Ostwald optimal colours (o) of maximum (m) C<sub>AB,10</sub> for P00, Y<sub>w,10</sub>=100, Y<sub>m</sub>=520\_770**

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | L* <sub>10</sub> | a* <sub>10</sub> | b* <sub>10</sub> | C* <sub>ab,10</sub> | a'10   | b'10    | h <sub>ab,10</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|------------------|------------------|------------------|---------------------|--------|---------|--------------------|---------------------------------|---------------------------------|------|
| 0 405                           | 32 562                          | 78.99            | −75.59           | −35.63           | 83.57               | 0.18   | −0.0951 | 205.2              | 15 479                          | 38 591                          | Cm   |
| 7 435                           | 32 563                          | 79.17            | −93.44           | −11.49           | 94.15               | 0.1705 | −0.0836 | 187.0              | 17 485                          | −1 485c                         |      |
| 9 450                           | 32 564                          | 79.53            | −102.04          | 5.22             | 102.17              | 0.166  | −0.0756 | 177.0              | 18 491                          | −1 491c                         |      |
| 12 460                          | 33 567                          | 79.82            | −110.91          | 35.7             | 116.52              | 0.1615 | −0.0612 | 162.1              | 21 506                          | −1 506c                         |      |
| 13 465                          | 33 569                          | 80.48            | −110.11          | 47.9             | 120.08              | 0.1623 | −0.0556 | 156.4              | 22 514                          | −1 514c                         |      |
| 13 470                          | 34 572                          | 82.15            | −104.48          | 50.77            | 116.16              | 0.1662 | −0.0547 | 154.0              | 23 518                          | −1 518c                         |      |
| 15 475                          | 35 579                          | 83.96            | −94.61           | 75.32            | 120.93              | 0.1723 | −0.0439 | 141.4              | 26 534                          | −1 534c                         | Gm   |
| 16 480                          | 38 593                          | 88.61            | −69.27           | 92.98            | 115.94              | 0.1868 | −0.0378 | 126.6              | 29 547                          | −1 547c                         |      |
| 17 485                          | −1 485c                         | 97.27            | −11.29           | 116.74           | 117.29              | 0.2157 | −0.0314 | 95.5               | 33 566                          | 11 457                          |      |
| 17 490                          | −1 489c                         | 97.27            | −11.29           | 116.74           | 117.29              | 0.2157 | −0.0314 | 95.5               | 33 566                          | 11 457                          | max  |
| 19 495                          | −1 495c                         | 96.02            | −6.01            | 129.98           | 130.12              | 0.218  | −0.0255 | 92.6               | 33 567                          | 12 461                          |      |
| 19 500                          | −1 499c                         | 96.02            | −6.01            | 129.98           | 130.12              | 0.218  | −0.0255 | 92.6               | 33 567                          | 12 461                          |      |
| 22 510                          | −1 510c                         | 93.17            | 5.65             | 143.44           | 143.55              | 0.2234 | −0.0185 | 87.7               | 34 570                          | 13 467                          |      |
| 23 520                          | −1 519c                         | 91.89            | 10.48            | 148.8            | 149.17              | 0.2258 | −0.0165 | 85.9               | 34 572                          | 13 469                          | Ym   |
| 26 530                          | −1 530c                         | 87.04            | 26.76            | 147.67           | 150.08              | 0.2341 | −0.0109 | 79.7               | 35 577                          | 14 473                          |      |
| 28 540                          | −1 540c                         | 82.97            | 38.46            | 142.46           | 147.56              | 0.2407 | −0.0071 | 74.8               | 36 580                          | 15 475                          |      |
| 28 545                          | −1 544c                         | 82.97            | 38.46            | 142.46           | 147.56              | 0.2407 | −0.0071 | 74.8               | 36 580                          | 15 475                          |      |
| 29 550                          | −1 549c                         | 80.7             | 44.3             | 138.94           | 145.83              | 0.2442 | −0.0051 | 72.3               | 36 583                          | 15 476                          |      |
| 31 555                          | −1 555c                         | 75.69            | 55.54            | 130.5            | 141.83              | 0.2518 | 0.0     | 66.9               | 37 587                          | 15 478                          |      |
| 32 560                          | −1 560c                         | 72.95            | 60.74            | 125.77           | 139.67              | 0.2558 | 0.0     | 64.2               | 38 590                          | 15 479                          |      |
| 32 562                          | 0 405                           | 72.96            | 61.02            | 114.65           | 129.88              | 0.2559 | −0.021  | 61.9               | 38 591                          | 15 479                          | Rm   |
| 32 563                          | 7 435                           | 72.75            | 70.89            | 15.73            | 72.61               | 0.2617 | −0.0701 | 12.5               | −1 485c                         | 17 485                          |      |
| 32 564                          | 9 450                           | 72.33            | 76.03            | −5.7             | 76.24               | 0.2649 | −0.081  | 355.7              | −1 491c                         | 18 491                          |      |
| 33 567                          | 12 460                          | 71.98            | 80.91            | −28.26           | 85.71               | 0.2679 | −0.0927 | 340.7              | −1 506c                         | 21 506                          |      |
| 33 569                          | 13 465                          | 71.19            | 82.74            | −34.74           | 89.74               | 0.2694 | −0.0962 | 337.2              | −1 514c                         | 22 514                          |      |
| 34 572                          | 13 470                          | 69.06            | 85.88            | −38.4            | 94.08               | 0.2725 | −0.0986 | 335.9              | −1 518c                         | 23 518                          |      |
| 35 579                          | 15 475                          | 66.54            | 87.32            | −49.77           | 100.51              | 0.275  | −0.1055 | 330.3              | −1 534c                         | 26 534                          | Mm   |
| 38 593                          | 16 480                          | 58.66            | 89.16            | −65.55           | 110.67              | 0.282  | −0.1179 | 323.6              | −1 547c                         | 29 547                          |      |
| −1 485c                         | 17 485                          | 31.58            | 49.57            | −113.84          | 124.17              | 0.2742 | −0.1867 | 293.5              | 11 457                          | 33 566                          |      |
| −1 489c                         | 17 490                          | 31.58            | 49.57            | −113.84          | 124.17              | 0.2742 | −0.1867 | 293.5              | 11 457                          | 33 566                          | min  |
| −1 495c                         | 19 495                          | 37.74            | 23.37            | −105.22          | 107.79              | 0.2431 | −0.1669 | 282.5              | 12 461                          | 33 567                          |      |
| −1 499c                         | 19 500                          | 37.74            | 23.37            | −105.22          | 107.79              | 0.2431 | −0.1669 | 282.5              | 12 461                          | 33 567                          |      |
| −1 510c                         | 22 510                          | 47.83            | −17.88           | −89.2            | 90.98               | 0.2064 | −0.1415 | 258.6              | 13 467                          | 34 570                          |      |
| −1 519c                         | 23 520                          | 51.33            | −30.66           | −83.4            | 88.86               | 0.1974 | −0.1343 | 249.8              | 13 469                          | 34 572                          | Bm   |
| −1 530c                         | 26 530                          | 61.58            | −60.36           | −66.11           | 89.52               | 0.1809 | −0.1168 | 227.6              | 14 473                          | 35 577                          |      |
| −1 540c                         | 28 540                          | 67.95            | −71.7            | −55.23           | 90.5                | 0.177  | −0.1079 | 217.6              | 15 475                          | 36 580                          |      |
| −1 544c                         | 28 545                          | 67.95            | −71.7            | −55.23           | 90.5                | 0.177  | −0.1079 | 217.6              | 15 475                          | 36 580                          |      |
| −1 549c                         | 29 550                          | 70.92            | −74.81           | −50.12           | 90.05               | 0.1767 | −0.1043 | 213.8              | 15 476                          | 36 583                          |      |
| −1 555c                         | 31 555                          | 76.45            | −76.38           | −40.6            | 86.5                | 0.1784 | −0.098  | 207.9              | 15 478                          | 37 587                          |      |
| −1 560c                         | 32 560                          | 79.0             | −75.05           | −36.21           | 83.33               | 0.1803 | −0.0954 | 205.7              | 15 479                          | 38 590                          |      |
| 380                             | 770                             | 100.0            | 0.0              | 0.0              | 0.0                 | 0.2208 | −0.0781 | 0.0                |                                 |                                 |      |

**Ostwald optimal colours (o) of maximum (m) C<sub>AB,10</sub> for Q00, Y<sub>w,10</sub>=100, Y<sub>m</sub>=520\_770**

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | L* <sub>10</sub> | a* <sub>10</sub> | b* <sub>10</sub> | C* <sub>ab,10</sub> | a'10   | b'10    | h <sub>ab,10</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|------------------|------------------|------------------|---------------------|--------|---------|--------------------|---------------------------------|---------------------------------|------|
| 1 405                           | 31 556                          | 79.79            | −63.03           | −33.22           | 71.25               | 0.1841 | −0.1064 | 207.7              | 15 475                          | 37 587                          | Cm   |
| 7 435                           | 31 558                          | 80.09            | −90.17           | −7.26            | 90.46               | 0.17   | −0.0925 | 184.6              | 16 482                          | −1 482c                         |      |
| 10 450                          | 32 560                          | 80.33            | −110.56          | 19.97            | 112.35              | 0.1594 | −0.0779 | 169.7              | 18 493                          | −1 493c                         |      |
| 12 460                          | 32 563                          | 81.05            | −117.96          | 42.5             | 125.39              | 0.156  | −0.0661 | 160.1              | 21 506                          | −1 506c                         |      |
| 13 465                          | 33 566                          | 82.02            | −116.8           | 55.42            | 129.29              | 0.1572 | −0.0595 | 154.6              | 23 515                          | −1 515c                         |      |
| 13 470                          | 34 572                          | 84.4             | −108.27          | 59.54            | 123.56              | 0.1629 | −0.0581 | 151.1              | 24 520                          | −1 520c                         |      |
| 15 475                          | 36 583                          | 87.21            | −91.51           | 85.94            | 125.54              | 0.1726 | −0.0458 | 136.7              | 27 536                          | −1 536c                         | Gm   |
| 15 480                          | 45 629                          | 95.94            | −36.61           | 100.99           | 107.43              | 0.2008 | −0.0422 | 109.9              | 31 556                          | 2 413                           |      |
| 17 485                          | −1 485c                         | 96.22            | −20.84           | 119.83           | 121.63              | 0.208  | −0.0337 | 99.8               | 32 561                          | 11 455                          |      |
| 17 490                          | −1 489c                         | 96.22            | −20.84           | 119.83           | 121.63              | 0.208  | −0.0337 | 99.8               | 32 561                          | 11 455                          | max  |
| 18 495                          | −1 494c                         | 95.5             | −17.81           | 126.48           | 127.73              | 0.2093 | −0.0302 | 98.0               | 32 562                          | 11 458                          |      |
| 19 500                          | −1 499c                         | 94.64            | −14.18           | 132.17           | 132.93              | 0.2109 | −0.0271 | 96.1               | 32 563                          | 12 460                          |      |
| 21 510                          | −1 509c                         | 92.49            | −5.24            | 140.83           | 140.92              | 0.2149 | −0.0218 | 92.1               | 33 566                          | 12 464                          |      |
| 24 520                          | −1 520c                         | 87.94            | 11.68            | 144.75           | 145.22              | 0.223  | −0.0153 | 85.3               | 34 570                          | 13 468                          | Ym   |
| 26 530                          | −1 530c                         | 84.03            | 24.22            | 142.35           | 144.4               | 0.2295 | −0.0114 | 80.3               | 34 574                          | 14 471                          |      |
| 27 540                          | −1 539c                         | 81.81            | 30.65            | 139.71           | 143.04              | 0.2331 | −0.0094 | 77.6               | 35 576                          | 14 472                          |      |
| 29 545                          | −1 545c                         | 76.93            | 43.32            | 132.43           | 139.34              | 0.2408 | −0.0053 | 71.8               | 36 581                          | 14 474                          |      |
| 30 550                          | −1 550c                         | 74.27            | 49.37            | 128.02           | 137.22              | 0.2449 | −0.003  | 68.9               | 36 583                          | 15 475                          |      |
| 30 555                          | −1 554c                         | 74.27            | 49.37            | 128.02           | 137.22              | 0.2449 | −0.003  | 68.9               | 36 583                          | 15 475                          |      |
| 31 560                          | 9 447                           | 72.71            | 76.81            | −9.04            | 77.34               | 0.261  | −0.0938 | 353.2              | −1 488c                         | 17 488                          |      |
| 31 556                          | 1 405                           | 72.02            | 55.36            | 93.99            | 109.09              | 0.249  | −0.0336 | 59.5               | 37 587                          | 15 475                          | Rm   |
| 31 558                          | 7 435                           | 71.67            | 71.89            | 9.72             | 72.55               | 0.2587 | −0.0829 | 7.7                | −1 482c                         | 16 482                          |      |
| 32 560                          | 10 450                          | 71.37            | 82.43            | −18.98           | 84.58               | 0.2649 | −0.0997 | 347.0              | −1 493c                         | 18 493                          |      |
| 32 563                          | 12 460                          | 70.48            | 88.13            | −33.16           | 94.16               | 0.2687 | −0.1083 | 339.3              | −1 506c                         | 21 506                          |      |
| 33 566                          | 13 465                          | 69.23            | 91.19            | −40.0            | 99.58               | 0.2713 | −0.1127 | 336.3              | −1 515c                         | 23 515                          |      |
| 34 572                          | 13 470                          | 65.87            | 96.62            | −45.8            | 106.93              | 0.2768 | −0.1173 | 334.6              | −1 520c                         | 24 520                          |      |
| 36 583                          | 15 475                          | 61.29            | 99.34            | −60.03           | 116.07              | 0.2822 | −0.1285 | 328.8              | −1 536c                         | 27 536                          | Mm   |
| 45 629                          | 15 480                          | 38.11            | 98.06            | −99.99           | 140.06              | 0.3088 | −0.1836 | 314.4              | 2 413                           | 31 556                          |      |
| −1 485c                         | 17 485                          | 36.85            | 67.79            | −105.48          | 125.39              | 0.2821 | −0.1912 | 302.7              | 11 455                          | 32 561                          |      |
| −1 489c                         | 17 490                          | 36.85            | 67.79            | −105.48          | 125.39              | 0.2821 | −0.1912 | 302.7              | 11 455                          | 32 561                          | min  |
| −1 494c                         | 18 495                          | 39.93            | 54.8             | −101.18          | 115.07              | 0.2668 | −0.1816 | 298.4              | 11 458                          | 32 562                          |      |
| −1 499c                         | 19 500                          | 43.1             | 41.21            | −96.41           | 104.85              | 0.2525 | −0.1724 | 293.1              | 12 460                          | 32 563                          |      |
| −1 509c                         | 21 510                          | 49.73            | 13.47            | −85.85           | 86.9                | 0.2277 | −0.1557 | 278.9              | 12 464                          | 33 566                          |      |
| −1 520c                         | 24 520                          | 59.94            | −24.21           | −68.8            | 72.94               | 0.2012 | −0.1351 | 250.6              | 13 468                          | 34 570                          | Bm   |
| −1 530c                         | 26 530                          | 66.43            | −42.61           | −57.78           | 71.79               | 0.1912 | −0.1246 | 233.5              | 14 471                          | 34 574                          |      |
| −1 539c                         | 27 540                          | 69.5             | −49.43           | −52.52           | 72.13               | 0.1882 | −0.1201 | 226.7              | 14 472                          | 35 576                          |      |
| −1 545c                         | 29 545                          | 75.2             | −58.23           | −42.75           | 72.24               | 0.1851 | −0.1127 | 216.2              | 14 474                          | 36 581                          |      |
| −1 550c                         | 30 550                          | 77.8             | −60.33           | −38.27           | 71.44               | 0.1849 | −0.1095 | 212.3              | 15 475                          | 36 583                          |      |
| −1 554c                         | 30 555                          | 77.8             | −60.33           | −38.27           | 71.44               | 0.1849 | −0.1095 | 212.3              | 15 475                          | 36 583                          |      |
| 9 447                           | 31 560                          | 79.2             | −106.01          | 8.79             | 106.38              | 0.1612 | −0.0838 | 175.2              | 17 488                          | −1 488c                         |      |
| 380                             | 770                             | 100.0            | 0.0              | 0.0              | 0.0                 | 0.2173 | −0.0886 | 0.0                |                                 |                                 |      |