

| Ostwald optimal colours (o) of maximum (m) C <sub>AB</sub> for D65, Y <sub>w</sub> =100, Y <sub>m</sub> =520_770, LINYAB data          |                                 |                  |                  |                  |                 |        |         |                 |                                 |                                 |         |         |     |   | % |
|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|---------|---------|-----|---|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                        | i <sub>2</sub> , λ <sub>2</sub> | Y <sub>100</sub> | A <sub>100</sub> | B <sub>100</sub> | C <sub>AB</sub> | a      | b       | h <sub>AB</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code    |         | %   |   |   |
| 0                                                                                                                                      | 405                             | 32               | 561              | 58.2             | −22.74          | −17.89 | 28.94   | 0.5596          | −0.743                          | 218.1                           | 16 483  | 37 589  | Cm  | % |   |
| 6                                                                                                                                      | 435                             | 32               | 562              | 58.79            | −26.78          | −9.88  | 28.55   | 0.4948          | −0.6036                         | 200.2                           | 17 486  | 42 610  |     | % |   |
| 10                                                                                                                                     | 450                             | 32               | 563              | 59.42            | −33.54          | 4.93   | 33.9    | 0.3859          | −0.3525                         | 171.6                           | 19 496  | −1 496c |     | % |   |
| 12                                                                                                                                     | 460                             | 33               | 565              | 60.32            | −36.45          | 12.66  | 38.58   | 0.3461          | −0.2256                         | 160.8                           | 21 505  | −1 505c |     | % |   |
| 12                                                                                                                                     | 465                             | 33               | 567              | 61.66            | −36.65          | 13.24  | 38.97   | 0.356           | −0.2207                         | 160.1                           | 21 506  | −1 506c |     | % |   |
| 14                                                                                                                                     | 470                             | 33               | 569              | 62.72            | −38.14          | 19.32  | 42.76   | 0.3422          | −0.1274                         | 153.1                           | 24 520  | −1 520c |     | % |   |
| 15                                                                                                                                     | 475                             | 34               | 573              | 65.29            | −38.28          | 22.47  | 44.39   | 0.364           | −0.0913                         | 149.5                           | 25 528  | −1 528c | Gm  | % |   |
| 16                                                                                                                                     | 480                             | 36               | 580              | 69.95            | −37.48          | 26.04  | 45.64   | 0.4146          | −0.0632                         | 145.2                           | 27 537  | −1 537c |     | % |   |
| 17                                                                                                                                     | 485                             | 39               | 595              | 78.75            | −32.73          | 31.0   | 45.09   | 0.5347          | −0.0418                         | 136.5                           | 29 548  | −1 548c |     | % |   |
| 18                                                                                                                                     | 490                             | −1               | 490c             | 93.8             | −12.06          | 38.4   | 40.25   | 0.8218          | −0.0261                         | 107.4                           | 33 565  | 11 459  | max | % |   |
| 19                                                                                                                                     | 495                             | −1               | 495c             | 92.3             | −10.68          | 38.39  | 39.85   | 0.8346          | −0.0195                         | 105.5                           | 33 566  | 12 462  |     | % |   |
| 20                                                                                                                                     | 500                             | −1               | 500c             | 90.42            | −8.91           | 38.07  | 39.1    | 0.8518          | −0.0144                         | 103.1                           | 33 567  | 12 464  |     | % |   |
| 22                                                                                                                                     | 510                             | −1               | 510c             | 85.27            | −4.15           | 36.48  | 36.72   | 0.9016          | −0.0076                         | 96.5                            | 33 569  | 13 469  |     | % |   |
| 23                                                                                                                                     | 520                             | −1               | 519c             | 81.98            | −1.26           | 35.24  | 35.26   | 0.935           | −0.0056                         | 92.0                            | 34 570  | 14 471  | Ym  | % |   |
| 25                                                                                                                                     | 530                             | −1               | 529c             | 74.04            | 5.15            | 32.02  | 32.43   | 1.0201          | −0.0031                         | 80.8                            | 34 573  | 15 475  |     | % |   |
| 27                                                                                                                                     | 540                             | −1               | 539c             | 64.9             | 11.57           | 28.16  | 30.44   | 1.1288          | −0.0016                         | 67.6                            | 35 577  | 15 478  |     | % |   |
| 28                                                                                                                                     | 545                             | −1               | 544c             | 60.13            | 14.5            | 26.11  | 29.87   | 1.1917          | −0.0012                         | 60.9                            | 35 579  | 15 479  |     | % |   |
| 29                                                                                                                                     | 550                             | −1               | 549c             | 55.26            | 17.18           | 24.01  | 29.53   | 1.2613          | −0.0009                         | 54.4                            | 36 582  | 16 480  |     | % |   |
| 30                                                                                                                                     | 555                             | −1               | 554c             | 50.4             | 19.49           | 21.91  | 29.33   | 1.3372          | −0.0007                         | 48.3                            | 36 584  | 16 481  |     | % |   |
| 32                                                                                                                                     | 560                             | −1               | 560c             | 41.0             | 22.8            | 17.83  | 28.95   | 1.5064          | −0.0005                         | 38.0                            | 37 589  | 16 483  |     | % |   |
| 380                                                                                                                                    | 770                             | 100.0            | 0.0              | 0.0              | 0.01            | 0.9504 | −0.4355 | 0.0             |                                 |                                 |         |         |     | % |   |
| Ostwald optimal colours (o) of maximum (m) C <sub>AB</sub> for D65, Y <sub>w</sub> =100, Y <sub>m</sub> =770_520, LINYAB complementary |                                 |                  |                  |                  |                 |        |         |                 |                                 |                                 |         |         |     |   | % |
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                        | i <sub>2</sub> , λ <sub>2</sub> | Y <sub>100</sub> | A <sub>100</sub> | B <sub>100</sub> | C <sub>AB</sub> | a      | b       | h <sub>AB</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code    |         | %   |   |   |
| 32                                                                                                                                     | 561                             | 0                | 405              | 41.79            | 22.74           | 17.89  | 28.94   | 1.4946          | −0.0072                         | 38.1                            | 37 589  | 16 483  | Rm  | % |   |
| 32                                                                                                                                     | 562                             | 6                | 435              | 41.2             | 26.78           | 9.88   | 28.55   | 1.6006          | −0.1956                         | 20.2                            | 42 610  | 17 486  |     | % |   |
| 32                                                                                                                                     | 563                             | 10               | 450              | 40.57            | 33.54           | −4.93  | 33.9    | 1.7771          | −0.557                          | 351.6                           | −1 496c | 19 496  |     | % |   |
| 33                                                                                                                                     | 565                             | 12               | 460              | 39.67            | 36.45           | −12.66 | 38.58   | 1.8691          | −0.7547                         | 340.8                           | −1 505c | 21 505  |     | % |   |
| 33                                                                                                                                     | 567                             | 12               | 465              | 38.33            | 36.65           | −13.24 | 38.97   | 1.9064          | −0.781                          | 340.1                           | −1 506c | 21 506  |     | % |   |
| 33                                                                                                                                     | 569                             | 14               | 470              | 37.27            | 38.14           | −19.32 | 42.76   | 1.9738          | −0.954                          | 333.1                           | −1 520c | 24 520  |     | % |   |
| 34                                                                                                                                     | 573                             | 15               | 475              | 34.7             | 38.28           | −22.47 | 44.39   | 2.0536          | −1.083                          | 329.5                           | −1 528c | 25 528  | Mm  | % |   |
| 36                                                                                                                                     | 580                             | 16               | 480              | 30.04            | 37.48           | −26.04 | 45.64   | 2.1982          | −1.3026                         | 325.2                           | −1 537c | 27 537  |     | % |   |
| 39                                                                                                                                     | 595                             | 17               | 485              | 21.24            | 32.73           | −31.0  | 45.09   | 2.4914          | −1.8952                         | 316.5                           | −1 548c | 29 548  |     | % |   |
| −1                                                                                                                                     | 490c                            | 18               | 490              | 6.19             | 12.06           | −38.4  | 40.25   | 2.899           | −6.6372                         | 287.4                           | 11 459  | 33 565  | min | % |   |
| −1                                                                                                                                     | 495c                            | 19               | 495              | 7.69             | 10.68           | −38.39 | 39.85   | 2.3392          | −5.4245                         | 285.5                           | 12 462  | 33 566  |     | % |   |
| −1                                                                                                                                     | 500c                            | 20               | 500              | 9.57             | 8.91            | −38.07 | 39.1    | 1.8814          | −4.4105                         | 283.1                           | 12 464  | 33 567  |     | % |   |
| −1                                                                                                                                     | 510c                            | 22               | 510              | 14.72            | 4.15            | −36.48 | 36.72   | 1.2328          | −2.9143                         | 276.5                           | 13 469  | 33 569  |     | % |   |
| −1                                                                                                                                     | 519c                            | 23               | 520              | 18.01            | 1.26            | −35.24 | 35.26   | 1.0204          | −2.3925                         | 272.0                           | 14 471  | 34 570  | Bm  | % |   |
| −1                                                                                                                                     | 529c                            | 25               | 530              | 25.95            | −5.15           | −32.02 | 32.43   | 0.7516          | −1.6693                         | 260.8                           | 15 475  | 34 573  |     | % |   |
| −1                                                                                                                                     | 539c                            | 27               | 540              | 35.09            | −11.57          | −28.16 | 30.44   | 0.6205          | −1.238                          | 247.6                           | 15 478  | 35 577  |     | % |   |
| −1                                                                                                                                     | 544c                            | 28               | 545              | 39.86            | −14.5           | −26.11 | 29.87   | 0.5865          | −1.0906                         | 240.9                           | 15 479  | 35 579  |     | % |   |
| −1                                                                                                                                     | 549c                            | 29               | 550              | 44.73            | −17.18          | −24.01 | 29.53   | 0.5663          | −0.9725                         | 234.4                           | 16 480  | 36 582  |     | % |   |
| −1                                                                                                                                     | 554c                            | 30               | 555              | 49.59            | −19.49          | −21.91 | 29.33   | 0.5572          | −0.8774                         | 228.3                           | 16 481  | 36 584  |     | % |   |
| −1                                                                                                                                     | 560c                            | 32               | 560              | 58.99            | −22.8           | −17.83 | 28.95   | 0.5638          | −0.7379                         | 218.0                           | 16 483  | 37 589  |     | % |   |
| 380                                                                                                                                    | 770                             | 100.0            | 0.0              | 0.0              | 0.01            | 0.9504 | −0.4355 | 0.0             |                                 |                                 |         |         |     | % |   |