

| CIE data for all optimal colours of maximum (m) C <sub>AB</sub> , D65 and Y <sub>w</sub> =100, Y <sub>m</sub> =495_770 |                                 |                  |                  |                  |                 |        |         |                 |                                 |                                 |      |  |  |
|------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|------|--|--|
| 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            | -26.79           | -9.88            | 28.55           | 0.4948 | -0.6036 | 200.2           | 17 486                          | 42 610                          |      |  |  |
| 10 450                                                                                                                 | 32 563                          | 59.41            | -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                          |      |  |  |
| 19 495                                                                                                                 | -1 495c                         | 92.3             | -10.68           | 38.39            | 39.85           | 0.8346 | -0.0195 | 105.5           | 33 566                          | 12 462                          | Ym   |  |  |
| 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                          |      |  |  |
| 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                          |      |  |  |
| 32 561                                                                                                                 | 0 405                           | 41.79            | 22.74            | 17.89            | 28.94           | 1.4947 | -0.0072 | 38.1            | 37 589                          | 16 483                          | Rm   |  |  |
| 32 562                                                                                                                 | 6 435                           | 41.2             | 26.79            | 9.88             | 28.55           | 1.6006 | -0.1956 | 20.2            | 42 610                          | 17 486                          |      |  |  |
| 32 563                                                                                                                 | 10 450                          | 40.58            | 33.54            | -4.93            | 33.9            | 1.777  | -0.557  | 351.6           | -1 496c                         | 19 496                          |      |  |  |
| 33 565                                                                                                                 | 12 460                          | 39.67            | 36.45            | -12.66           | 38.58           | 1.869  | -0.7547 | 340.8           | -1 505c                         | 21 505                          |      |  |  |
| 33 567                                                                                                                 | 12 465                          | 38.33            | 36.65            | -13.24           | 38.97           | 1.9065 | -0.7811 | 340.1           | -1 506c                         | 21 506                          |      |  |  |
| 33 569                                                                                                                 | 14 470                          | 37.27            | 38.14            | -19.32           | 42.76           | 1.9738 | -0.9541 | 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           | 2.1981 | -1.3025 | 325.2           | -1 537c                         | 27 537                          |      |  |  |
| 39 595                                                                                                                 | 17 485                          | 21.24            | 32.73            | -31.0            | 45.09           | 2.4913 | -1.8951 | 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                          |      |  |  |
| -1 495c                                                                                                                | 19 495                          | 7.69             | 10.68            | -38.39           | 39.85           | 2.3392 | -5.4245 | 285.5           | 12 462                          | 33 566                          | Bm   |  |  |
| -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                          |      |  |  |
| -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             |                                 |                                 |      |  |  |