

| 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> | L* <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                          | 80.85             | -67.55            | -32.53            | 74.98            | 0.1805 | -0.1029 | 205.7           | 16 483                          | 37 589                          | Cm   |  |  |
| 6 435                                                                                                                  | 32 562                          | 81.18             | -81.89            | -19.25            | 84.12            | 0.1732 | -0.096  | 193.2           | 17 486                          | 42 610                          |      |  |  |
| 10 450                                                                                                                 | 32 563                          | 81.52             | -109.06           | 11.43             | 109.66           | 0.1595 | -0.0803 | 174.0           | 19 496                          | -1 496c                         |      |  |  |
| 12 460                                                                                                                 | 33 565                          | 82.01             | -120.74           | 33.26             | 125.24           | 0.1538 | -0.0692 | 164.5           | 21 505                          | -1 505c                         |      |  |  |
| 12 465                                                                                                                 | 33 567                          | 82.74             | -118.76           | 34.5              | 123.67           | 0.1552 | -0.0687 | 163.8           | 21 506                          | -1 506c                         |      |  |  |
| 14 470                                                                                                                 | 33 569                          | 83.3              | -123.47           | 57.53             | 136.22           | 0.1532 | -0.0572 | 155.0           | 24 520                          | -1 520c                         |      |  |  |
| 15 475                                                                                                                 | 34 573                          | 84.63             | -118.73           | 70.39             | 138.03           | 0.1564 | -0.0512 | 149.3           | 25 528                          | -1 528c                         | Gm   |  |  |
| 16 480                                                                                                                 | 36 580                          | 86.98             | -107.21           | 84.2              | 136.33           | 0.1633 | -0.0452 | 141.8           | 27 537                          | -1 537c                         |      |  |  |
| 17 485                                                                                                                 | 39 595                          | 91.12             | -80.53            | 100.07            | 128.46           | 0.1778 | -0.0394 | 128.8           | 29 548                          | -1 548c                         |      |  |  |
| 18 490                                                                                                                 | -1 490c                         | 97.55             | -23.15            | 119.05            | 121.28           | 0.2052 | -0.0337 | 101.0           | 33 565                          | 11 459                          |      |  |  |
| 19 495                                                                                                                 | -1 495c                         | 96.94             | -20.63            | 125.42            | 127.1            | 0.2062 | -0.0306 | 99.3            | 33 566                          | 12 462                          | Ym   |  |  |
| 20 500                                                                                                                 | -1 500c                         | 96.17             | -17.33            | 131.15            | 132.29           | 0.2076 | -0.0277 | 97.5            | 33 567                          | 12 464                          |      |  |  |
| 22 510                                                                                                                 | -1 510c                         | 94.0              | -8.24             | 140.17            | 140.41           | 0.2116 | -0.0224 | 93.3            | 33 569                          | 13 469                          |      |  |  |
| 23 520                                                                                                                 | -1 519c                         | 92.57             | -2.53             | 142.99            | 143.01           | 0.2142 | -0.0202 | 91.0            | 34 570                          | 14 471                          |      |  |  |
| 25 530                                                                                                                 | -1 529c                         | 88.94             | 10.79             | 144.39            | 144.79           | 0.2205 | -0.0165 | 85.7            | 34 573                          | 15 475                          |      |  |  |
| 27 540                                                                                                                 | -1 539c                         | 84.43             | 25.54             | 141.4             | 143.69           | 0.2281 | -0.0134 | 79.7            | 35 577                          | 15 478                          |      |  |  |
| 28 545                                                                                                                 | -1 544c                         | 81.91             | 33.05             | 138.34            | 142.24           | 0.2322 | -0.0121 | 76.5            | 35 579                          | 15 479                          |      |  |  |
| 29 550                                                                                                                 | -1 549c                         | 79.2              | 40.58             | 134.51            | 140.5            | 0.2367 | -0.0111 | 73.2            | 36 582                          | 16 480                          |      |  |  |
| 30 555                                                                                                                 | -1 554c                         | 76.32             | 47.96             | 130.1             | 138.66           | 0.2413 | -0.0103 | 69.7            | 36 584                          | 16 481                          |      |  |  |
| 32 560                                                                                                                 | -1 560c                         | 70.18             | 61.63             | 120.13            | 135.02           | 0.2511 | -0.0093 | 62.8            | 37 589                          | 16 483                          |      |  |  |
| 32 561                                                                                                                 | 0 405                           | 70.73             | 60.89             | 110.07            | 125.79           | 0.2505 | -0.022  | 61.0            | 37 589                          | 16 483                          | Rm   |  |  |
| 32 562                                                                                                                 | 6 435                           | 70.32             | 70.59             | 34.83             | 78.71            | 0.2562 | -0.0659 | 26.2            | 42 610                          | 17 486                          |      |  |  |
| 32 563                                                                                                                 | 10 450                          | 69.88             | 85.85             | -12.65            | 86.77            | 0.2653 | -0.0935 | 351.6           | -1 496c                         | 19 496                          |      |  |  |
| 33 565                                                                                                                 | 12 460                          | 69.24             | 92.89             | -29.54            | 97.47            | 0.2698 | -0.1035 | 342.3           | -1 505c                         | 21 505                          |      |  |  |
| 33 567                                                                                                                 | 12 465                          | 68.27             | 94.84             | -31.22            | 99.85            | 0.2716 | -0.1046 | 341.7           | -1 506c                         | 21 506                          |      |  |  |
| 33 569                                                                                                                 | 14 470                          | 67.48             | 99.24             | -42.98            | 108.15           | 0.2748 | -0.1119 | 336.5           | -1 520c                         | 24 520                          |      |  |  |
| 34 573                                                                                                                 | 15 475                          | 65.52             | 102.87            | -49.85            | 114.31           | 0.2784 | -0.1167 | 334.1           | -1 528c                         | 25 528                          | Mm   |  |  |
| 36 580                                                                                                                 | 16 480                          | 61.69             | 107.96            | -59.02            | 123.04           | 0.2848 | -0.1241 | 331.3           | -1 537c                         | 27 537                          |      |  |  |
| 39 595                                                                                                                 | 17 485                          | 53.22             | 112.99            | -75.47            | 135.88           | 0.297  | -0.1406 | 326.2           | -1 548c                         | 29 548                          |      |  |  |
| -1 490c                                                                                                                | 18 490                          | 29.91             | 89.01             | -117.0            | 147.01           | 0.3124 | -0.2136 | 307.2           | 11 459                          | 33 565                          |      |  |  |
| -1 495c                                                                                                                | 19 495                          | 33.36             | 74.42             | -112.09           | 134.55           | 0.2908 | -0.1997 | 303.5           | 12 462                          | 33 566                          | Bm   |  |  |
| -1 500c                                                                                                                | 20 500                          | 37.09             | 58.44             | -106.44           | 121.43           | 0.2704 | -0.1864 | 298.7           | 12 464                          | 33 567                          |      |  |  |
| -1 510c                                                                                                                | 22 510                          | 45.26             | 23.9              | -93.37            | 96.38            | 0.2349 | -0.1623 | 284.3           | 13 469                          | 33 569                          |      |  |  |
| -1 519c                                                                                                                | 23 520                          | 49.52             | 6.76              | -86.32            | 86.58            | 0.2205 | -0.152  | 274.4           | 14 471                          | 34 570                          |      |  |  |
| -1 529c                                                                                                                | 25 530                          | 58.0              | -23.98            | -72.06            | 75.95            | 0.1992 | -0.1348 | 251.5           | 15 475                          | 34 573                          |      |  |  |
| -1 539c                                                                                                                | 27 540                          | 65.83             | -46.7             | -58.75            | 75.05            | 0.1868 | -0.122  | 231.5           | 15 478                          | 35 577                          |      |  |  |
| -1 544c                                                                                                                | 28 545                          | 69.38             | -54.68            | -52.68            | 75.93            | 0.1833 | -0.117  | 223.9           | 15 479                          | 35 579                          |      |  |  |
| -1 549c                                                                                                                | 29 550                          | 72.72             | -60.59            | -46.95            | 76.65            | 0.1812 | -0.1126 | 217.7           | 16 480                          | 36 582                          |      |  |  |
| -1 554c                                                                                                                | 30 555                          | 75.82             | -64.5             | -41.62            | 76.77            | 0.1803 | -0.1088 | 212.8           | 16 481                          | 36 584                          |      |  |  |
| -1 560c                                                                                                                | 32 560                          | 81.29             | -66.96            | -32.22            | 74.32            | 0.181  | -0.1027 | 205.6           | 16 483                          | 37 589                          |      |  |  |
| 380                                                                                                                    | 770                             | 100.0             | 0.0               | 0.0               | 0.0              | 0.2154 | -0.0861 | 0.0             |                                 |                                 |      |  |  |