

| Optimal colours (o) <i>RYGBCM</i> of maximum (m) $C_{AB,10}$ ; D65, $Y_{me}=520\_770$ , CIEXYZ |          |          |          |          |          |          |             |       |             |       |             |      |  |
|------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|-------------|-------|-------------|-------|-------------|------|--|
| <i>Code, K=1:25</i>                                                                            | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $z_{10}$ | $h_{xy,10}$ | $i_d$ | $\lambda_d$ | $i_c$ | $\lambda_c$ |      |  |
| R <sub>o</sub>                                                                                 | 570_770  | 50.05    | 30.91    | 0.38     | 0.6152   | 0.38     | 0.0047      | 237.0 | 38          | 591   | 15          | 478  |  |
| Y <sub>me</sub>                                                                                | 520_770  | 68.47    | 68.31    | 1.0      | 0.4969   | 0.4957   | 0.0072      | 230.2 | 33          | 568   | 13          | 468  |  |
| G <sub>me</sub>                                                                                | 470_570  | 21.16    | 55.69    | 19.95    | 0.2186   | 0.5753   | 0.206       | 211.0 | 23          | 515   | -1          | 515c |  |
| C <sub>m</sub>                                                                                 | 380_570  | 35.6     | 59.43    | 96.6     | 0.1858   | 0.3101   | 0.504       | 214.4 | 15          | 478   | 38          | 591  |  |
| B <sub>me</sub>                                                                                | 380_520  | 17.2     | 22.03    | 95.98    | 0.1272   | 0.1629   | 0.7098      | 225.1 | 13          | 468   | 33          | 568  |  |
| M <sub>m</sub>                                                                                 | 570_470  | 64.49    | 34.64    | 77.01    | 0.3661   | 0.1966   | 0.4371      | 245.1 | -1          | 515c  | 23          | 515  |  |
| B <sub>o</sub>                                                                                 | 380_470  | 14.78    | 4.09     | 77.01    | 0.1541   | 0.0426   | 0.8031      | 230.1 | 9           | 445   | 31          | 558  |  |
| C <sub>o</sub>                                                                                 | 470_520  | 2.75     | 18.29    | 19.33    | 0.0682   | 0.453    | 0.4787      | 221.5 | 17          | 486   | -1          | 486c |  |
| G <sub>o</sub>                                                                                 | 520_570  | 18.74    | 37.74    | 1.0      | 0.326    | 0.6564   | 0.0174      | 219.2 | 28          | 541   | -1          | 541c |  |
| W                                                                                              | 380_770  | 85.33    | 90.0     | 96.6     | 0.3137   | 0.3309   | 0.3552      | 226.5 | -1          | 494c  | 18          | 494  |  |

EE830-1A D65

| Optimal colours (o) <i>RYGBCM</i> of maximum (m) $C_{AB,10}$ ; D65, $Y_{me}=520\_770$ , YAB_77 |          |          |          |             |          |          |             |       |               |       |               |      |  |
|------------------------------------------------------------------------------------------------|----------|----------|----------|-------------|----------|----------|-------------|-------|---------------|-------|---------------|------|--|
| <i>Code, K=1:25</i>                                                                            | $Y_{10}$ | $A_{10}$ | $B_{10}$ | $c_{AB,10}$ | $a_{10}$ | $b_{10}$ | $h_{AB,10}$ | $i_d$ | $\lambda^*_d$ | $i_c$ | $\lambda^*_c$ |      |  |
| R <sub>o</sub>                                                                                 | 570_770  | 30.91    | 20.73    | 13.11       | 24.53    | 1.6189   | -0.0049     | 32.3  | 38            | 591   | 15            | 478  |  |
| Y <sub>me</sub>                                                                                | 520_770  | 68.31    | 3.69     | 28.92       | 29.16    | 1.0022   | -0.0058     | 82.7  | 33            | 568   | 14            | 470  |  |
| G <sub>me</sub>                                                                                | 470_570  | 55.69    | -31.64   | 15.93       | 35.42    | 0.3799   | -0.1432     | 153.2 | 23            | 517   | -1            | 517c |  |
| C <sub>m</sub>                                                                                 | 380_570  | 59.43    | -20.73   | -13.12      | 24.54    | 0.5991   | -0.6501     | 212.3 | 15            | 478   | 38            | 591  |  |
| B <sub>me</sub>                                                                                | 380_520  | 22.03    | -3.68    | -28.93      | 29.16    | 0.7807   | -1.7425     | 262.7 | 13            | 468   | 33            | 565  |  |
| M <sub>m</sub>                                                                                 | 570_470  | 34.64    | 31.64    | -15.93      | 35.42    | 1.8614   | -0.8891     | 333.2 | -1            | 503c  | 20            | 503  |  |
| B <sub>o</sub>                                                                                 | 380_470  | 4.09     | 10.9     | -29.04      | 31.02    | 3.6131   | -7.5288     | 290.5 | 8             | 444   | 31            | 555  |  |
| C <sub>o</sub>                                                                                 | 470_520  | 18.29    | -14.59   | 0.12        | 14.59    | 0.1505   | -0.4226     | 179.5 | 17            | 486   | -1            | 486c |  |
| G <sub>o</sub>                                                                                 | 520_570  | 37.74    | -17.04   | 15.8        | 23.24    | 0.4966   | -0.0106     | 137.1 | 28            | 542   | -1            | 542c |  |
| W                                                                                              | 380_770  | 90.0     | 0.0      | 0.0         | 0.01     | 0.9481   | -0.4293     | 0.0   | 38            | 594   | 15            | 478  |  |

EE830-3A D65

| Optimal colours (o) <i>RYGBCM</i> of maximum (m) $C_{AB,10}$ ; D65, $Y_{me}=520\_770$ , CIELAB_76 |            |            |            |               |           |           |             |       |               |       |               |      |  |
|---------------------------------------------------------------------------------------------------|------------|------------|------------|---------------|-----------|-----------|-------------|-------|---------------|-------|---------------|------|--|
| <i>Code, K=1:25</i>                                                                               | $L^*_{10}$ | $a^*_{10}$ | $b^*_{10}$ | $C^*_{ab,10}$ | $a'_{10}$ | $b'_{10}$ | $h_{ab,10}$ | $i_d$ | $\lambda^*_d$ | $i_c$ | $\lambda^*_c$ |      |  |
| R <sub>o</sub>                                                                                    | 570_770    | 62.44      | 65.99      | 101.64        | 121.19    | 0.2575    | -0.0195     | 57.0  | 40            | 602   | 14            | 470  |  |
| Y <sub>me</sub>                                                                                   | 520_770    | 86.16      | 8.22       | 133.88        | 134.13    | 0.2195    | -0.0206     | 86.4  | 33            | 569   | 13            | 466  |  |
| G <sub>me</sub>                                                                                   | 470_570    | 79.44      | -108.05    | 50.4          | 119.23    | 0.1588    | -0.0597     | 154.9 | 22            | 513   | -1            | 513c |  |
| C <sub>m</sub>                                                                                    | 380_570    | 81.53      | -59.62     | -24.94        | 64.63     | 0.1849    | -0.0989     | 202.7 | 15            | 476   | -1            | 476c |  |
| B <sub>me</sub>                                                                                   | 380_520    | 54.07      | -18.92     | -71.87        | 74.32     | 0.2019    | -0.1374     | 255.2 | 13            | 468   | 35            | 579  |  |
| M <sub>m</sub>                                                                                    | 570_470    | 65.48      | 88.54      | -38.57        | 96.57     | 0.2698    | -0.1098     | 336.4 | -1            | 511c  | 22            | 511  |  |
| B <sub>o</sub>                                                                                    | 380_470    | 24.0       | 96.74      | -110.08       | 146.55    | 0.3365    | -0.2239     | 311.3 | 9             | 446   | 26            | 533  |  |
| C <sub>o</sub>                                                                                    | 470_520    | 49.86      | -130.0     | 0.59          | 130.0     | 0.1166    | -0.0857     | 179.7 | 17            | 486   | -1            | 486c |  |
| G <sub>o</sub>                                                                                    | 520_570    | 67.84      | -70.04     | 102.27        | 123.96    | 0.1736    | -0.0251     | 124.4 | 27            | 539   | 10            | 454  |  |
| W                                                                                                 | 380_770    | 96.0       | 0.0        | 0.0           | 0.0       | 0.2154    | -0.0861     | 338.8 | -1            | 510c  | 22            | 510  |  |

EE830-5A D65

| Optimal colours (o) <i>RYGBCM</i> of maximum (m) $C_{AB,10}$ ; D65, $Y_{me}=520\_770$ , LABHNU1_79 |            |            |            |               |           |           |             |       |               |       |               |      |  |
|----------------------------------------------------------------------------------------------------|------------|------------|------------|---------------|-----------|-----------|-------------|-------|---------------|-------|---------------|------|--|
| <i>Code, K=1:25</i>                                                                                | $L^*_{10}$ | $A^*_{10}$ | $B^*_{10}$ | $C^*_{ab,10}$ | $a'_{10}$ | $b'_{10}$ | $h_{ab,10}$ | $i_d$ | $\lambda^*_d$ | $i_c$ | $\lambda^*_c$ |      |  |
| R <sub>o</sub>                                                                                     | 570_770    | 62.44      | 70.17      | 66.75         | 96.85     | 0.1745    | -0.0469     | 43.5  | 38            | 592   | 14            | 473  |  |
| Y <sub>me</sub>                                                                                    | 520_770    | 86.16      | 7.37       | 86.56         | 86.87     | 0.1334    | -0.0471     | 85.1  | 33            | 568   | 13            | 466  |  |
| G <sub>me</sub>                                                                                    | 470_570    | 79.44      | -72.31     | 42.58         | 83.92     | 0.0919    | -0.0672     | 149.5 | 21            | 508   | 8             | 440  |  |
| C <sub>m</sub>                                                                                     | 380_570    | 81.53      | -45.38     | -22.81        | 50.79     | 0.1066    | -0.1012     | 206.6 | 15            | 477   | 44            | 622  |  |
| B <sub>me</sub>                                                                                    | 380_520    | 54.07      | -15.64     | -67.66        | 69.45     | 0.1187    | -0.1378     | 256.9 | 13            | 468   | 34            | 572  |  |
| M <sub>m</sub>                                                                                     | 570_470    | 65.48      | 99.23      | -35.65        | 105.44    | 0.1907    | -0.1114     | 340.2 | 2             | 413   | 19            | 498  |  |
| B <sub>o</sub>                                                                                     | 380_470    | 24.0       | 142.07     | -106.17       | 177.36    | 0.3075    | -0.2223     | 323.2 | 9             | 447   | 23            | 517  |  |
| C <sub>o</sub>                                                                                     | 470_520    | 49.86      | -70.04     | 0.53          | 70.04     | 0.0767    | -0.0891     | 179.5 | 17            | 486   | -1            | 486c |  |
| G <sub>o</sub>                                                                                     | 520_570    | 67.84      | -50.47     | 69.34         | 85.76     | 0.0997    | -0.0481     | 126.0 | 28            | 541   | 11            | 456  |  |
| W                                                                                                  | 380_770    | 96.0       | 0.0        | 0.0           | 0.0       | 0.1298    | -0.0895     | 0.0   | -1            | 486c  | 17            | 486  |  |

EE830-7N D65

EE830-7N D65