

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for D65,  $Y_w=100$

| Code                   | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|------------------|------------------|------------------|--------|--------|--------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 61.78            | 41.0             | 0.05             | 0.6007 | 0.3987 | 0.0005 | 13.6     | 37 589           | 16 483           |
| Y <sub>m</sub> 495_770 | 77.09            | 93.8             | 6.13             | 0.4354 | 0.5298 | 0.0346 | 58.5     | 33 565           | 11 459           |
| G <sub>o</sub> 495_565 | 15.31            | 52.79            | 6.08             | 0.2063 | 0.7116 | 0.0819 | 105.5    | 25 529           | -1 529c          |
| C <sub>m</sub> 380_565 | 33.26            | 58.99            | 108.83           | 0.1654 | 0.2933 | 0.5412 | 193.6    | 16 483           | 37 589           |
| B <sub>m</sub> 380_495 | 17.95            | 6.19             | 102.75           | 0.1414 | 0.0487 | 0.8097 | 238.5    | 11 459           | 33 565           |
| M <sub>o</sub> 575_475 | 79.73            | 47.2             | 102.8            | 0.347  | 0.2054 | 0.4474 | 285.5    | -1 529c          | 25 529           |
| N <sub>o</sub> 380_770 | 0.09             | 0.1              | 0.1              | 0.3127 | 0.329  | 0.3582 | 0.0      | 18 493           | -1 493c          |
| W <sub>o</sub> 380_770 | 95.04            | 100.0            | 108.89           | 0.3127 | 0.329  | 0.3582 | 0.0      | -1 529c          | -1 493c          |

1-000030-L0

SE740-1N\_1

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for D65,  $Y_w=100$

| Code                   | Y <sub>100</sub> | A <sub>100</sub> | B <sub>100</sub> | $C_{AB}$ | a      | b       | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|------------------|------------------|------------------|----------|--------|---------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 41.0             | 22.8             | 17.83            | 28.95    | 1.5064 | -0.0005 | 38.0     | 37 589           | 16 483           |
| Y <sub>m</sub> 495_770 | 93.8             | -12.06           | 38.4             | 40.25    | 0.8218 | -0.0261 | 107.4    | 33 565           | 13 467           |
| G <sub>o</sub> 495_565 | 52.79            | -34.87           | 20.56            | 40.48    | 0.29   | -0.046  | 149.4    | 25 529           | -1 529c          |
| C <sub>m</sub> 380_565 | 58.99            | -22.8            | -17.83           | 28.95    | 0.5638 | -0.7379 | 218.0    | 16 483           | 37 589           |
| B <sub>m</sub> 380_495 | 6.19             | 12.06            | -38.4            | 40.25    | 2.899  | -6.6373 | 287.4    | 11 459           | 32 562           |
| M <sub>o</sub> 575_475 | 47.2             | 34.86            | -20.56           | 40.48    | 1.6891 | -0.8712 | 329.4    | -1 513c          | 22 513           |
| N <sub>o</sub> 380_770 | 0.1              | 0.0              | 0.0              | 0.01     | 0.9494 | -0.4351 | 83.2     | 38 590           | 16 483           |
| W <sub>o</sub> 380_770 | 100.0            | 0.0              | 0.0              | 0.01     | 0.9504 | -0.4355 | 0.0      | 38 591           | 16 484           |

1-000030-L0

SE740-3N\_1

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for D65,  $Y_w=100$

| Code                   | L* <sub>100</sub> | a* <sub>100</sub> | b* <sub>100</sub> | C* <sub>ab</sub> | a'     | b'      | $h_{ab}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|-------------------|-------------------|-------------------|------------------|--------|---------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 70.18             | 61.63             | 120.13            | 135.02           | 0.2511 | -0.0093 | 62.8     | 38 591           | 15 476           |
| Y <sub>m</sub> 495_770 | 97.55             | -23.15            | 119.05            | 121.28           | 0.2052 | -0.0337 | 101.0    | 32 563           | 14 470           |
| G <sub>o</sub> 495_565 | 77.76             | -132.02           | 85.16             | 157.11           | 0.145  | -0.0407 | 147.1    | 25 525           | -1 525c          |
| C <sub>m</sub> 380_565 | 81.29             | -66.96            | -32.22            | 74.32            | 0.1809 | -0.1027 | 205.6    | 16 481           | -1 481c          |
| B <sub>m</sub> 380_495 | 29.91             | 89.01             | -117.0            | 147.01           | 0.3121 | -0.2134 | 307.2    | 12 460           | 28 543           |
| M <sub>o</sub> 575_475 | 74.32             | 82.25             | -40.47            | 91.67            | 0.2608 | -0.1085 | 333.7    | -1 519c          | 23 519           |
| N <sub>o</sub> 380_770 | 0.9               | 0.0               | -0.13             | 0.13             | 0.2153 | -0.0861 | 270.0    | 14 472           | 34 571           |
| W <sub>o</sub> 380_770 | 100.0             | 0.0               | 0.0               | 0.0              | 0.2153 | -0.0861 | 0.0      | -1 571c          | -1 472c          |

1-000030-L0

SE740-5N\_1

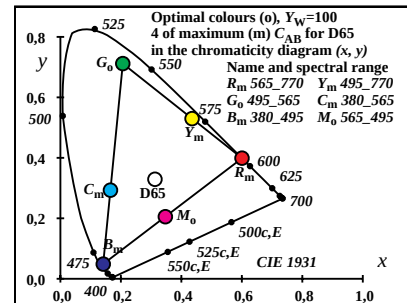
Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for D65,  $Y_w=100$

| CodeD65                | L* <sub>100</sub> | a* <sub>100</sub> | b* <sub>100</sub> | C* <sub>ab</sub> | a'     | b'      | $h_{ab}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|-------------------|-------------------|-------------------|------------------|--------|---------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 70.18             | 61.64             | 132.51            | 146.14           | 0.2511 | -0.0093 | 65.0     | 37 589           | 15 475           |
| Y <sub>m</sub> 495_770 | 97.55             | -23.15            | 119.09            | 121.32           | 0.2052 | -0.0337 | 101.0    | 32 563           | 14 470           |
| G <sub>o</sub> 495_565 | 77.76             | -132.05           | 85.19             | 157.15           | 0.145  | -0.0407 | 147.1    | 25 525           | -1 525c          |
| C <sub>m</sub> 380_565 | 81.29             | -66.98            | -32.23            | 74.33            | 0.181  | -0.1027 | 205.6    | 16 481           | -1 481c          |
| B <sub>m</sub> 380_495 | 29.91             | 89.06             | -117.04           | 147.07           | 0.3122 | -0.2135 | 307.2    | 12 460           | 28 543           |
| M <sub>o</sub> 575_475 | 74.32             | 82.25             | -40.48            | 91.68            | 0.2609 | -0.1085 | 333.7    | -1 519c          | 23 519           |
| N <sub>o</sub> 380_770 | 0.9               | -0.01             | 0.0               | 0.01             | 0.2154 | -0.0861 | 158.2    | 23 515           | -1 515c          |
| W <sub>o</sub> 380_770 | 100.0             | 0.0               | 0.0               | 0.0              | 0.2154 | -0.0861 | 0.0      | -1 519c          | -1 515c          |

1-000030-L0

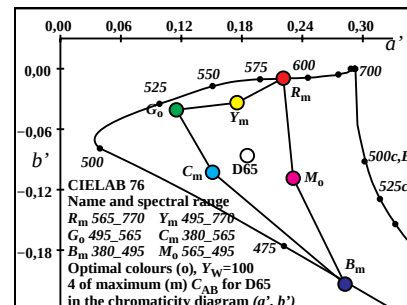
SE740-7N\_1

TUB-test chart SE74; RYCB: 4 maximum colours  
XYZ, YABCh, LabCh\* data; 2° and 10°, Y<sub>n</sub>=100



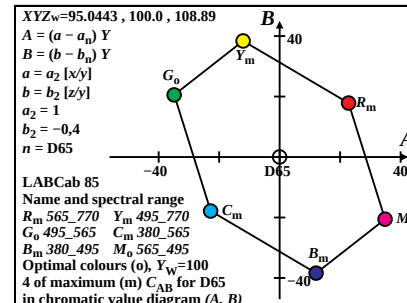
1-000030-L0

SE741-1N\_1



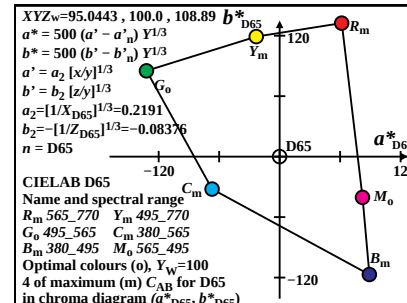
1-000030-L0

SE741-3N\_1



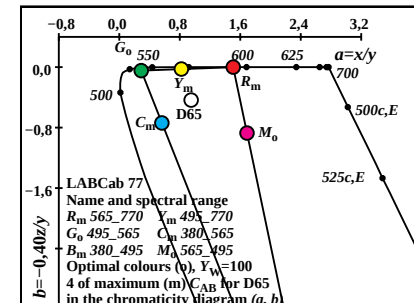
1-000030-L0

SE741-5N\_1



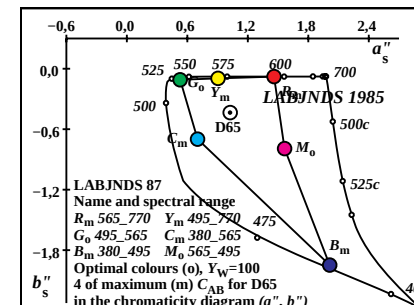
1-000030-L0

SE741-7N\_1



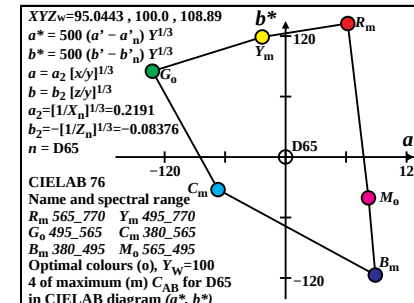
1-000030-L0

SE741-2N\_1



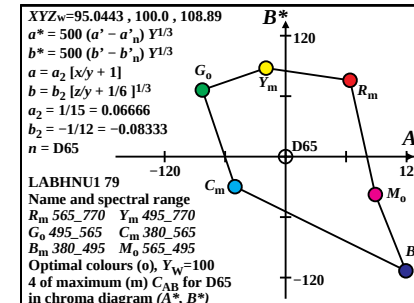
1-000030-L0

SE741-4N\_1



1-000030-L0

SE741-6N\_1



1-000030-L0

SE741-8N\_1

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

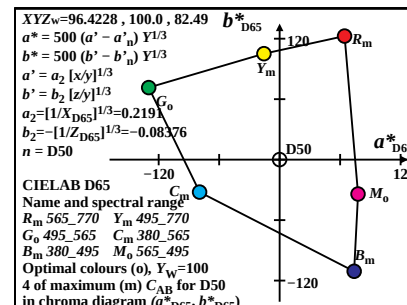
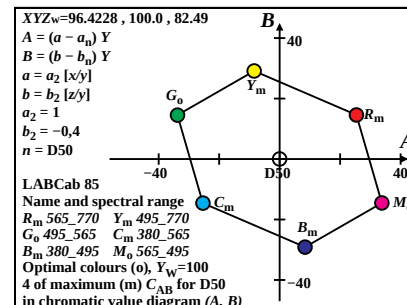
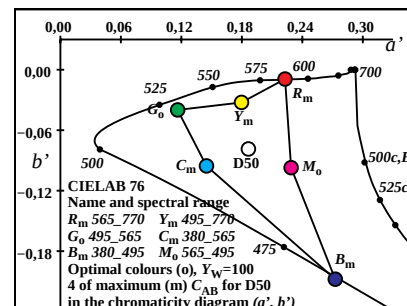
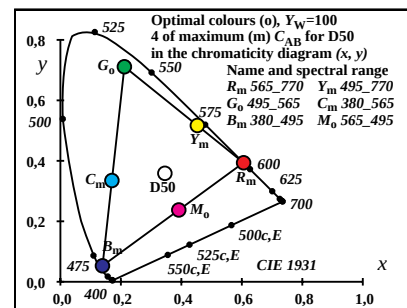
| Optimal colours (o) RYGBM of maximum (m) C <sub>AB</sub> for D50, Y <sub>w</sub> =100 |                  |                  |                  |        |        |        |                 |                                 |                                 |  |
|---------------------------------------------------------------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|--|
| Code                                                                                  | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> |  |
| R <sub>m</sub> 565_770                                                                | 68.07            | 44.27            | 0.05             | 0.6055 | 0.3938 | 0.0005 | 7.7             | 38 590                          | 17 486                          |  |
| Y <sub>m</sub> 495_770                                                                | 83.15            | 94.96            | 5.54             | 0.4527 | 0.517  | 0.0301 | 55.9            | 33 567                          | 12 461                          |  |
| G <sub>o</sub> 495_565                                                                | 15.08            | 50.69            | 5.48             | 0.2116 | 0.7113 | 0.0769 | 110.7           | 25 528                          | -1 528c                         |  |
| C <sub>m</sub> 380_565                                                                | 28.35            | 55.72            | 82.43            | 0.1702 | 0.3346 | 0.495  | 187.7           | 17 486                          | 38 590                          |  |
| B <sub>m</sub> 380_495                                                                | 13.26            | 5.03             | 76.95            | 0.1392 | 0.0528 | 0.8078 | 235.9           | 12 461                          | 33 567                          |  |
| M <sub>o</sub> 575_475                                                                | 81.33            | 49.3             | 77.01            | 0.3916 | 0.2374 | 0.3708 | 290.8           | -1 528c                         | 25 528                          |  |
| N <sub>o</sub> 380_770                                                                | 0.09             | 0.09             | 0.08             | 0.3457 | 0.3585 | 0.2957 | 359.8           | -1 513c                         | 22 513                          |  |
| W <sub>o</sub> 380_770                                                                | 96.42            | 100.0            | 82.49            | 0.3457 | 0.3585 | 0.2957 | 0.0             | -1 513c                         | -1 461c                         |  |

| Optimal colours (o) RYGBM of maximum (m) C <sub>AB</sub> for D50, Y <sub>w</sub> =100 |                  |                  |                  |                 |        |         |                 |                                 |                                 |  |
|---------------------------------------------------------------------------------------|------------------|------------------|------------------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|--|
| Code                                                                                  | 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> |  |
| R <sub>m</sub> 565_770                                                                | 44.27            | 25.38            | 14.58            | 29.27           | 1.5375 | -0.0005 | 29.8            | 38 590                          | 17 488                          |  |
| Y <sub>m</sub> 495_770                                                                | 94.96            | -8.41            | 29.12            | 30.31           | 0.8756 | -0.0233 | 106.1           | 33 567                          | 13 465                          |  |
| G <sub>o</sub> 495_565                                                                | 50.69            | -33.79           | 14.53            | 36.78           | 0.2975 | -0.0432 | 156.7           | 25 527                          | -1 527c                         |  |
| C <sub>m</sub> 380_565                                                                | 55.72            | -25.38           | -14.58           | 29.27           | 0.5087 | -0.5917 | 209.8           | 17 485                          | 36 581                          |  |
| B <sub>m</sub> 380_495                                                                | 5.03             | 8.41             | -29.12           | 30.31           | 2.636  | -6.1167 | 286.1           | 12 461                          | 33 567                          |  |
| M <sub>o</sub> 575_475                                                                | 49.3             | 33.79            | -14.53           | 36.78           | 1.6496 | -0.6247 | 336.7           | -1 544c                         | 28 544                          |  |
| N <sub>o</sub> 380_770                                                                | 0.09             | 0.0              | 0.0              | 0.01            | 0.9632 | -0.3296 | 83.3            | 4 422                           | 32 564                          |  |
| W <sub>o</sub> 380_770                                                                | 100.0            | 0.0              | 0.0              | 0.01            | 0.9642 | -0.3299 | 0.0             | 1 409                           | 32 564                          |  |

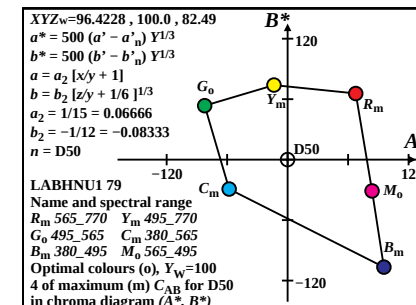
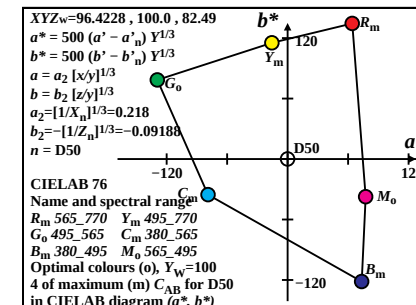
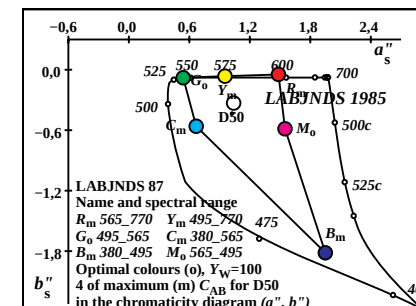
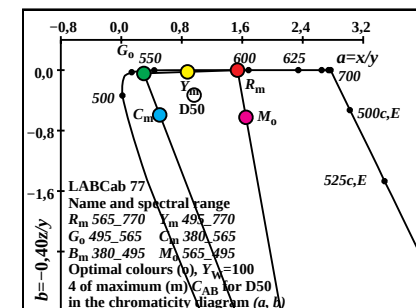
| Optimal colours (o) RYGBM of maximum (m) C <sub>AB</sub> for D50, Y <sub>w</sub> =100 |                   |                   |                   |                  |        |         |                 |                                  |                                  |  |
|---------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|------------------|--------|---------|-----------------|----------------------------------|----------------------------------|--|
| Code                                                                                  | 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> |  |
| R <sub>m</sub> 565_770                                                                | 72.41             | 64.12             | 123.93            | 139.53           | 0.2528 | -0.0092 | 62.6            | 38 590                           | 15 476                           |  |
| Y <sub>m</sub> 495_770                                                                | 98.02             | -15.53            | 115.25            | 116.29           | 0.2095 | -0.0324 | 97.6            | 33 567                           | 14 470                           |  |
| G <sub>o</sub> 495_565                                                                | 76.49             | -129.23           | 78.43             | 151.17           | 0.1462 | -0.0399 | 148.7           | 25 528                           | -1 528c                          |  |
| C <sub>m</sub> 380_565                                                                | 79.46             | -78.96            | -35.36            | 86.52            | 0.1748 | -0.0954 | 204.1           | 16 483                           | -1 483c                          |  |
| B <sub>m</sub> 380_495                                                                | 26.85             | 73.46             | -121.53           | 142.01           | 0.3024 | -0.2077 | 301.1           | 12 463                           | 30 551                           |  |
| M <sub>o</sub> 575_475                                                                | 75.64             | 77.41             | -37.46            | 86.0             | 0.2588 | -0.0971 | 334.1           | -1 522c                          | 24 522                           |  |
| N <sub>o</sub> 380_770                                                                | 0.9               | 0.0               | 0.27              | 0.27             | 0.2164 | -0.0785 | 89.9            | 34 571                           | 14 472                           |  |
| W <sub>o</sub> 380_770                                                                | 100.0             | 0.0               | 0.0               | 0.0              | 0.2164 | -0.0785 | 0.0             | -1 472c                          | -1 571c                          |  |

| Optimal colours (o) RYGBM of maximum (m) C <sub>AB</sub> for D50, Y <sub>w</sub> =100 |                   |                   |                   |                  |        |         |                 |                                  |                                  |  |
|---------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|------------------|--------|---------|-----------------|----------------------------------|----------------------------------|--|
| CodeD65                                                                               | 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> |  |
| R <sub>m</sub> 565_770                                                                | 72.41             | 64.43             | 122.61            | 138.51           | 0.2528 | -0.0092 | 62.2            | 38 590                           | 15 476                           |  |
| Y <sub>m</sub> 495_770                                                                | 98.02             | -15.61            | 105.1             | 106.25           | 0.2096 | -0.0324 | 98.4            | 33 566                           | 14 470                           |  |
| G <sub>o</sub> 495_565                                                                | 76.49             | -129.88           | 71.52             | 148.28           | 0.1462 | -0.0399 | 151.1           | 25 525                           | -1 525c                          |  |
| C <sub>m</sub> 380_565                                                                | 79.46             | -79.35            | -32.24            | 85.65            | 0.1749 | -0.0954 | 202.1           | 16 483                           | -1 483c                          |  |
| B <sub>m</sub> 380_495                                                                | 26.85             | 73.87             | -110.83           | 133.19           | 0.3025 | -0.2077 | 303.6           | 12 462                           | 29 549                           |  |
| M <sub>o</sub> 575_475                                                                | 75.64             | 77.8              | -34.15            | 84.96            | 0.2588 | -0.0971 | 336.2           | -1 520c                          | 24 520                           |  |
| N <sub>o</sub> 380_770                                                                | 0.9               | -0.01             | 0.0               | 0.01             | 0.2164 | -0.0785 | 160.0           | 23 516                           | -1 516c                          |  |
| W <sub>o</sub> 380_770                                                                | 100.0             | 0.0               | 0.0               | 0.0              | 0.2164 | -0.0785 | 0.0             | -1 520c                          | -1 516c                          |  |

TUB-test chart SE74; RYCB: 4 maximum colours  
XYZ, YABCh, LabCh\* data; 2° and 10°, Y<sub>n</sub>=100



input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change



Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for P40,  $Y_w=100$

| Code                   | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|------------------|------------------|------------------|--------|--------|--------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 76.14            | 48.79            | 0.06             | 0.6091 | 0.3903 | 0.0005 | 3.4      | 38 591           | 17 487           |
| Y <sub>m</sub> 495_770 | 90.61            | 95.99            | 4.86             | 0.4732 | 0.5013 | 0.0254 | 53.2     | 34 570           | 12 461           |
| G <sub>o</sub> 495_565 | 14.47            | 47.2             | 4.8              | 0.2177 | 0.71   | 0.0722 | 115.9    | 25 528           | -1 528c          |
| C <sub>m</sub> 380_565 | 24.78            | 51.2             | 64.62            | 0.1762 | 0.3641 | 0.4595 | 183.4    | 17 487           | 38 591           |
| B <sub>m</sub> 380_495 | 10.31            | 4.0              | 59.82            | 0.1391 | 0.054  | 0.8068 | 233.2    | 12 461           | 34 570           |
| M <sub>o</sub> 575_475 | 86.45            | 52.79            | 59.88            | 0.4341 | 0.2651 | 0.3007 | 295.9    | -1 528c          | 25 528           |
| N <sub>o</sub> 380_770 | 0.1              | 0.1              | 0.06             | 0.3799 | 0.3764 | 0.2435 | 0.0      | 20 500           | -1 500c          |
| W <sub>o</sub> 380_770 | 100.93           | 100.0            | 64.68            | 0.3799 | 0.3764 | 0.2435 | 0.0      | -1 528c          | -1 500c          |

1-000230-L0

SE740-1N\_3

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for P40,  $Y_w=100$

| Code                   | Y <sub>100</sub> | A <sub>100</sub> | B <sub>100</sub> | $C_{AB}$ | a      | b       | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|------------------|------------------|------------------|----------|--------|---------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 48.79            | 26.89            | 12.59            | 29.7     | 1.5605 | -0.0005 | 25.1     | 38 591           | 19 495           |
| Y <sub>m</sub> 495_770 | 95.99            | -6.27            | 22.89            | 23.73    | 0.9439 | -0.0202 | 105.3    | 34 570           | -1 570c          |
| G <sub>o</sub> 495_565 | 47.2             | -33.16           | 10.29            | 34.73    | 0.3066 | -0.0406 | 162.7    | 24 521           | -1 521c          |
| C <sub>m</sub> 380_565 | 51.2             | -26.89           | -12.59           | 29.7     | 0.484  | -0.5047 | 205.1    | 17 486           | 35 579           |
| B <sub>m</sub> 380_495 | 4.0              | 6.27             | -22.89           | 23.73    | 2.576  | -5.9766 | 285.3    | 12 461           | 34 572           |
| M <sub>o</sub> 575_475 | 52.79            | 33.16            | -10.29           | 34.73    | 1.6375 | -0.4537 | 342.7    | -1 565c          | 33 565           |
| N <sub>o</sub> 380_770 | 0.1              | 0.0              | 0.0              | 0.01     | 1.0083 | -0.2585 | 91.7     | 14 473           | 34 574           |
| W <sub>o</sub> 380_770 | 100.0            | 0.0              | 0.0              | 0.01     | 1.0093 | -0.2587 | 0.0      | 14 473           | 34 574           |

1-000230-L0

SE740-3N\_3

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for P40,  $Y_w=100$

| Code                   | L* <sub>100</sub> | a* <sub>100</sub> | b* <sub>100</sub> | $C^*_{ab}$ | a'     | b'      | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|------------------------|-------------------|-------------------|-------------------|------------|--------|---------|----------|--------------------|--------------------|
| R <sub>m</sub> 565_770 | 75.32             | 61.53             | 128.87            | 142.81     | 0.2541 | -0.0091 | 64.4     | 37 588             | 15 476             |
| Y <sub>m</sub> 495_770 | 98.43             | -10.88            | 112.84            | 113.37     | 0.2149 | -0.0309 | 95.5     | 34 570             | 14 470             |
| G <sub>o</sub> 495_565 | 74.32             | -127.55           | 71.65             | 146.3      | 0.1477 | -0.039  | 150.6    | 26 530             | -1 530c            |
| C <sub>m</sub> 380_565 | 76.81             | -86.88            | -39.92            | 95.61      | 0.172  | -0.0905 | 204.6    | 16 483             | -1 483c            |
| B <sub>m</sub> 380_495 | 23.71             | 62.64             | -126.38           | 141.05     | 0.3001 | -0.2061 | 296.3    | 12 464             | 31 557             |
| M <sub>o</sub> 575_475 | 77.75             | 70.73             | -33.27            | 78.17      | 0.2582 | -0.0873 | 334.8    | -1 526c            | 25 526             |
| N <sub>o</sub> 380_770 | 0.9               | 0.0               | 0.54              | 0.54       | 0.2197 | -0.0724 | 89.9     | 34 573             | 14 471             |
| W <sub>o</sub> 380_770 | 100.0             | 0.0               | 0.0               | 0.0        | 0.2197 | -0.0724 | 0.0      | -1 471c            | -1 573c            |

1-000230-L0

SE740-5N\_3

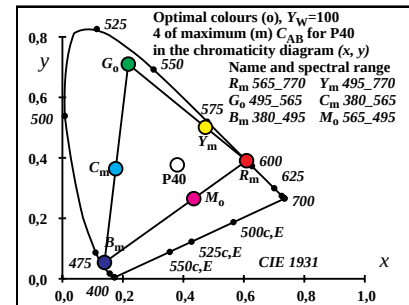
Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for P40,  $Y_w=100$

| CodeD65                | L* <sub>100</sub> | a* <sub>100</sub> | b* <sub>100</sub> | $C^*_{ab}$ | a'     | b'      | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|------------------------|-------------------|-------------------|-------------------|------------|--------|---------|----------|--------------------|--------------------|
| R <sub>m</sub> 565_770 | 75.32             | 62.78             | 115.6             | 131.55     | 0.2541 | -0.0091 | 61.4     | 38 591             | 15 476             |
| Y <sub>m</sub> 495_770 | 98.43             | -11.1             | 94.89             | 95.53      | 0.2149 | -0.0309 | 96.6     | 33 569             | 14 470             |
| G <sub>o</sub> 495_565 | 74.32             | -130.17           | 60.25             | 143.44     | 0.1477 | -0.039  | 155.1    | 25 525             | -1 525c            |
| C <sub>m</sub> 380_565 | 76.81             | -88.65            | -33.56            | 94.79      | 0.172  | -0.0905 | 200.7    | 16 484             | -1 484c            |
| B <sub>m</sub> 380_495 | 23.71             | 63.97             | -106.28           | 124.05     | 0.3002 | -0.2061 | 301.0    | 12 462             | 30 554             |
| M <sub>o</sub> 575_475 | 77.75             | 72.17             | -27.97            | 77.4       | 0.2582 | -0.0873 | 338.8    | -1 521c            | 24 521             |
| N <sub>o</sub> 380_770 | 0.9               | -0.01             | 0.0               | 0.01       | 0.2197 | -0.0724 | 161.7    | 23 518             | -1 518c            |
| W <sub>o</sub> 380_770 | 100.0             | 0.0               | 0.0               | 0.0        | 0.2197 | -0.0724 | 0.0      | -1 521c            | -1 518c            |

1-000230-L0

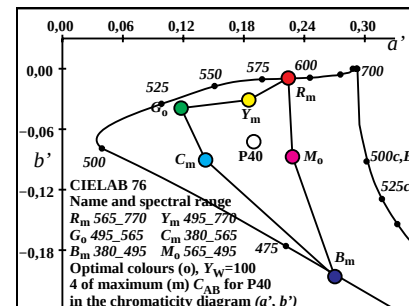
SE740-7N\_3

TUB-test chart SE74; RYCB: 4 maximum colours  
XYZ, YABCh, LabCh\* data; 2° and 10°, Y<sub>n</sub>=100



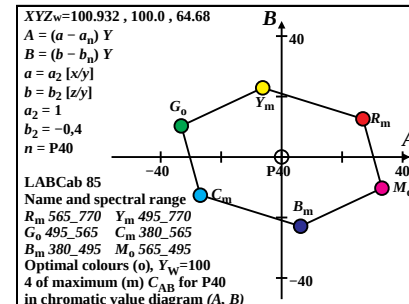
1-000230-L0

SE741-1N\_3



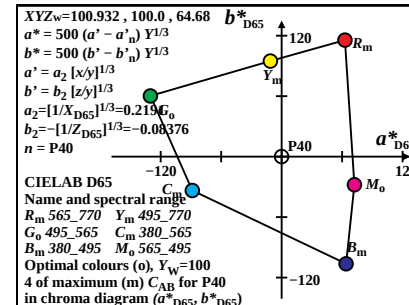
1-000230-L0

SE741-3N\_3



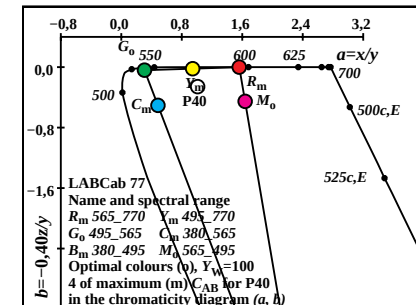
1-000230-L0

SE741-5N\_3



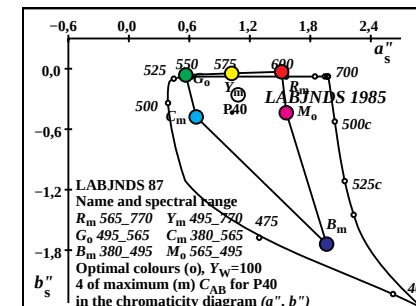
1-000230-L0

SE741-7N\_3



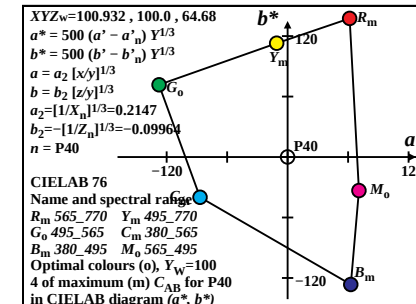
1-000230-L0

SE741-2N\_3



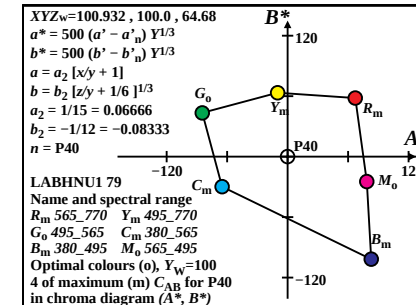
1-000230-L0

SE741-4N\_3



1-000230-L0

SE741-6N\_3



1-000230-L0

SE741-8N\_3

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

| Optimal colours (o) RYGBM of maximum (m) C <sub>AB</sub> for A00, Y <sub>w</sub> =100 |                  |                  |                  |        |        |        |                 |                                 |                                 |  |
|---------------------------------------------------------------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|--|
| Code                                                                                  | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> |  |
| R <sub>m</sub> 565_770                                                                | 91.09            | 56.18            | 0.06             | 0.6182 | 0.3813 | 0.0004 | 351.3           | 38 593                          | 18 492                          |  |
| Y <sub>m</sub> 495_770                                                                | 104.5            | 97.5             | 3.7              | 0.5079 | 0.4739 | 0.018  | 47.7            | 35 575                          | 12 464                          |  |
| G <sub>o</sub> 495_565                                                                | 13.41            | 41.32            | 3.63             | 0.2297 | 0.7078 | 0.0623 | 125.9           | 25 525                          | -1 525c                         |  |
| C <sub>m</sub> 380_565                                                                | 18.75            | 43.81            | 35.51            | 0.1912 | 0.4466 | 0.362  | 171.2           | 18 492                          | 38 593                          |  |
| B <sub>m</sub> 380_495                                                                | 5.34             | 2.49             | 31.87            | 0.1345 | 0.0627 | 0.8026 | 227.7           | 12 464                          | 35 575                          |  |
| M <sub>o</sub> 575_475                                                                | 96.43            | 58.67            | 31.94            | 0.5155 | 0.3136 | 0.1707 | 305.9           | -1 525c                         | 25 525                          |  |
| N <sub>o</sub> 380_770                                                                | 0.1              | 0.09             | 0.03             | 0.4475 | 0.4074 | 0.1449 | 0.0             | 21 506                          | -1 506c                         |  |
| W <sub>o</sub> 380_770                                                                | 109.84           | 99.99            | 35.58            | 0.4475 | 0.4074 | 0.1449 | 0.0             | -1 525c                         | -1 506c                         |  |

1-000330-L0

SE740-1N\_4

| Optimal colours (o) RYGBM of maximum (m) C <sub>AB</sub> for A00, Y <sub>w</sub> =100 |                  |                  |                  |                 |        |         |                 |                                 |                                 |  |
|---------------------------------------------------------------------------------------|------------------|------------------|------------------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|--|
| Code                                                                                  | 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> |  |
| R <sub>m</sub> 565_770                                                                | 56.18            | 29.37            | 7.96             | 30.43           | 1.6212 | -0.0004 | 15.1            | -1 593c                         | 38 593                          |  |
| Y <sub>m</sub> 495_770                                                                | 97.5             | -2.6             | 12.39            | 12.66           | 1.0717 | -0.0152 | 101.8           | 16 484                          | 35 576                          |  |
| G <sub>o</sub> 495_565                                                                | 41.32            | -31.97           | 4.42             | 32.28           | 0.3246 | -0.0352 | 172.1           | 21 508                          | 30 550                          |  |
| C <sub>m</sub> 380_565                                                                | 43.81            | -29.37           | -7.96            | 30.43           | 0.4281 | -0.3242 | 195.1           | 18 490                          | 34 572                          |  |
| B <sub>m</sub> 380_495                                                                | 2.49             | 2.6              | -12.39           | 12.66           | 2.144  | -5.1145 | 281.8           | 12 464                          | 36 580                          |  |
| M <sub>o</sub> 575_475                                                                | 58.67            | 31.97            | -4.42            | 32.28           | 1.6434 | -0.2177 | 352.1           | -1 584c                         | 36 584                          |  |
| N <sub>o</sub> 380_770                                                                | 0.09             | 0.0              | 0.0              | 0.01            | 1.0973 | -0.1421 | 124.1           | 15 477                          | 35 578                          |  |
| W <sub>o</sub> 380_770                                                                | 99.99            | 0.0              | 0.0              | 0.01            | 1.0984 | -0.1423 | 0.0             | 15 477                          | 35 578                          |  |

1-000330-L0

SE740-3N\_4

| Optimal colours (o) RYGBM of maximum (m) C <sub>AB</sub> for A00, Y <sub>w</sub> =100 |                   |                   |                   |                  |        |         |                 |                                  |                                  |  |
|---------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|------------------|--------|---------|-----------------|----------------------------------|----------------------------------|--|
| Code                                                                                  | 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> |  |
| R <sub>m</sub> 565_770                                                                | 79.72             | 57.15             | 136.37            | 147.86           | 0.2573 | -0.0089 | 67.2            | 37 587                           | 15 475                           |  |
| Y <sub>m</sub> 495_770                                                                | 99.03             | -4.05             | 104.18            | 104.25           | 0.2242 | -0.0281 | 92.2            | 35 575                           | 14 470                           |  |
| G <sub>o</sub> 495_565                                                                | 70.4              | -124.31           | 55.41             | 136.11           | 0.1505 | -0.0372 | 155.9           | 26 534                           | -1 534c                          |  |
| C <sub>m</sub> 380_565                                                                | 72.11             | -102.33           | -47.96            | 113.01           | 0.1651 | -0.078  | 205.1           | 16 484                           | -1 484c                          |  |
| B <sub>m</sub> 380_495                                                                | 17.93             | 36.4              | -134.3            | 139.14           | 0.2823 | -0.1957 | 285.1           | 13 467                           | 33 569                           |  |
| M <sub>o</sub> 575_475                                                                | 81.12             | 60.15             | -25.49            | 65.33            | 0.2585 | -0.0683 | 337.0           | -1 533c                          | 26 533                           |  |
| N <sub>o</sub> 380_770                                                                | 0.9               | 0.0               | 1.0               | 1.0              | 0.226  | -0.0593 | 89.9            | 35 576                           | 14 471                           |  |
| W <sub>o</sub> 380_770                                                                | 100.0             | 0.0               | 0.0               | 0.0              | 0.226  | -0.0593 | 0.0             | -1 471c                          | -1 576c                          |  |

1-000330-L0

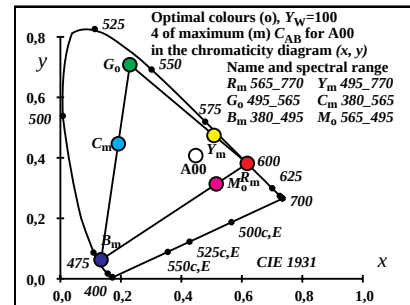
SE740-5N\_4

| Optimal colours (o) RYGBM of maximum (m) C <sub>AB</sub> for A00, Y <sub>w</sub> =100 |                   |                   |                   |                  |        |         |                 |                                  |                                  |  |
|---------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|------------------|--------|---------|-----------------|----------------------------------|----------------------------------|--|
| CodeD65                                                                               | 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> |  |
| R <sub>m</sub> 565_770                                                                | 79.72             | 59.98             | 96.44             | 113.57           | 0.2573 | -0.0089 | 58.1            | 38 592                           | 15 477                           |  |
| Y <sub>m</sub> 495_770                                                                | 99.03             | -4.25             | 71.77             | 71.89            | 0.2242 | -0.0281 | 93.3            | 35 575                           | 14 470                           |  |
| G <sub>o</sub> 495_565                                                                | 70.4              | -130.5            | 38.18             | 135.97           | 0.1505 | -0.0372 | 163.6           | 25 525                           | -1 525c                          |  |
| C <sub>m</sub> 380_565                                                                | 72.11             | -107.42           | -33.03            | 112.38           | 0.1651 | -0.078  | 197.0           | 17 488                           | -1 488c                          |  |
| B <sub>m</sub> 380_495                                                                | 17.93             | 38.27             | -92.55            | 100.15           | 0.2824 | -0.1957 | 292.4           | 12 464                           | 33 566                           |  |
| M <sub>o</sub> 575_475                                                                | 81.12             | 63.13             | -17.56            | 65.53            | 0.2585 | -0.0683 | 344.4           | -1 524c                          | 24 524                           |  |
| N <sub>o</sub> 380_770                                                                | 0.9               | -0.01             | 0.0               | 0.01             | 0.226  | -0.0593 | 165.2           | 24 523                           | -1 523c                          |  |
| W <sub>o</sub> 380_770                                                                | 100.0             | 0.0               | 0.0               | 0.0              | 0.226  | -0.0593 | 0.0             | -1 524c                          | -1 523c                          |  |

1-000330-L0

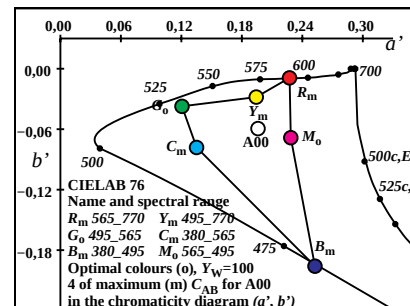
SE740-7N\_4

TUB-test chart SE74; RYCB: 4 maximum colours  
XYZ, YABCh, LabCh\* data; 2° and 10°, Y<sub>n</sub>=100



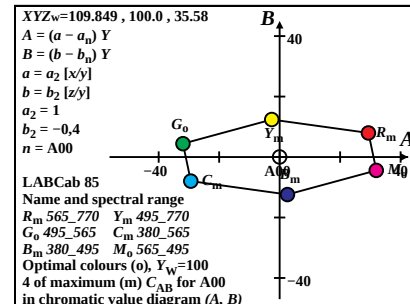
1-000330-L0

SE741-1N\_4



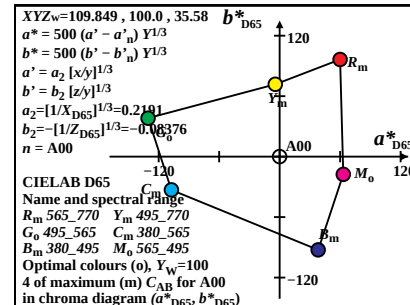
1-000330-L0

SE741-3N\_4



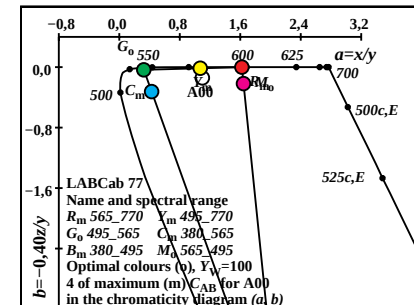
1-000330-L0

SE741-5N\_4



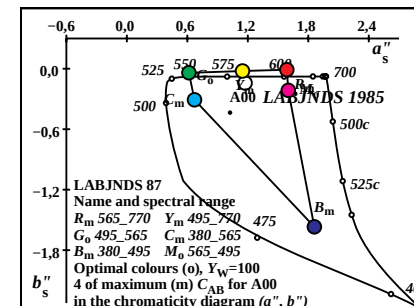
1-000330-L0

SE741-7N\_4



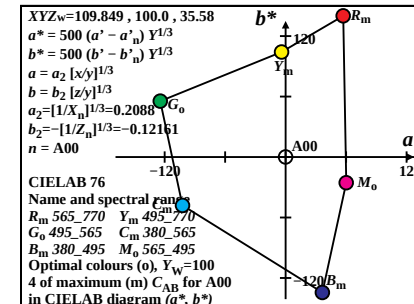
1-000330-L0

SE741-2N\_4



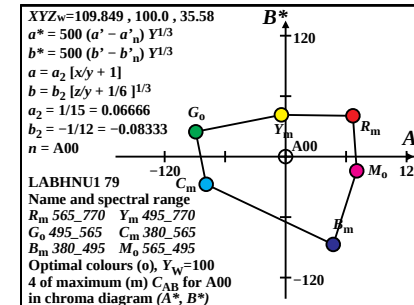
1-000330-L0

SE741-4N\_4



1-000330-L0

SE741-6N\_4



1-000330-L0

SE741-8N\_4

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

|                                                                           |     |         |
|---------------------------------------------------------------------------|-----|---------|
| <b>M of maximum (m) <math>C_{AB}</math> for E00, <math>Y_w=100</math></b> | 525 | Optimal |
|---------------------------------------------------------------------------|-----|---------|

**Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for E00,  $Y_w=100$**

| <i>Code</i>            | <i>X</i> <sub>100</sub> | <i>Y</i> <sub>100</sub> | <i>Z</i> <sub>100</sub> | <i>x</i> | <i>y</i> | <i>z</i> | <i>h</i> <sub>xy</sub> | <i>i</i> <sub>d</sub> , $\lambda_d$ | <i>i</i> <sub>c</sub> , $\lambda_c$ |
|------------------------|-------------------------|-------------------------|-------------------------|----------|----------|----------|------------------------|-------------------------------------|-------------------------------------|
| R <sub>m</sub> 565_770 | 68.62                   | 44.64                   | 0.05                    | 0.6055   | 0.3939   | 0.0005   | 12.5                   | 38 590                              | 16 483                              |
| Y <sub>m</sub> 495_770 | 83.34                   | 94.54                   | 5.63                    | 0.4541   | 0.5151   | 0.0307   | 56.3                   | 33 568                              | 11 459                              |
| G <sub>o</sub> 495_565 | 14.72                   | 49.9                    | 5.57                    | 0.2097   | 0.7108   | 0.0794   | 108.1                  | 25 528                              | -1 528c                             |
| C <sub>m</sub> 380_565 | 31.37                   | 55.35                   | 99.94                   | 0.168    | 0.2965   | 0.5353   | 192.5                  | 16 483                              | 38 590                              |
| B <sub>m</sub> 380_495 | 16.65                   | 5.45                    | 94.36                   | 0.1429   | 0.0468   | 0.8101   | 236.4                  | 11 459                              | 33 568                              |
| M <sub>o</sub> 575_475 | 85.27                   | 50.09                   | 94.42                   | 0.371    | 0.218    | 0.4108   | 288.1                  | -1 528c                             | 25 528                              |
| N <sub>o</sub> 380_770 | 0.1                     | 0.1                     | 0.1                     | 0.3333   | 0.3333   | 0.3333   | 0.0                    | 23 516                              | -1 516c                             |
| W <sub>o</sub> 380_770 | 100.0                   | 100.0                   | 100.0                   | 0.3333   | 0.3333   | 0.3333   | 0.0                    | -1 528c                             | -1 516c                             |

1-000430-L0

SE740-1N 5

**Optimal colours (o) RYGBCM of maximum (m)  $C_{AB}$  for E00,  $Y_w=100$**

| <i>Code</i>            | $Y_{100}$ | $A_{100}$ | $B_{100}$ | $C_{AB}$ | $a$    | $b$     | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|-----------|-----------|-----------|----------|--------|---------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 44.64     | 23.98     | 17.83     | 29.88    | 1.5372 | -0.0005 | 36.6     | 38 590           | 16 483           |
| Y <sub>m</sub> 495_770 | 94.54     | -11.19    | 35.56     | 37.28    | 0.8815 | -0.0238 | 107.4    | 33 568           | 11 459           |
| G <sub>o</sub> 495_565 | 49.9      | -35.17    | 17.72     | 39.39    | 0.295  | -0.0447 | 153.2    | 25 528           | -1 528c          |
| C <sub>m</sub> 380_565 | 55.35     | -23.98    | -17.83    | 29.88    | 0.5667 | -0.7221 | 216.6    | 16 483           | 38 590           |
| B <sub>m</sub> 380_495 | 5.45      | 11.19     | -35.56    | 37.28    | 3.0513 | -6.9153 | 287.4    | 11 459           | 33 568           |
| M <sub>o</sub> 575_475 | 50.09     | 35.17     | -17.72    | 39.39    | 1.7021 | -0.7539 | 333.2    | -1 528c          | 25 528           |
| N <sub>0</sub> 380_770 | 0.1       | 0.0       | 0.0       | 0.01     | 0.999  | -0.3996 | 89.7     | 23 516           | -1 516c          |
| W <sub>0</sub> 380_770 | 100.0     | 0.0       | 0.0       | 0.01     | 1.0    | -0.4    | 0.0      | 29 549           | -1 549c          |

1-000430-L0

SE740-3N 5

Optimal colours (o) *RYGCBM* of maximum (m)  $C_{AB}$  for E00,  $Y_w=100$

| <i>Code</i>            | $L^*_{100}$ | $a^*_{100}$ | $b^*_{100}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|------------------------|-------------|-------------|-------------|------------|--------|---------|----------|--------------------|--------------------|
| R <sub>m</sub> 565_770 | 72.66       | 58.88       | 124.34      | 137.58     | 0.2528 | -0.0092 | 64.6     | 38 591             | 15 475             |
| Y <sub>m</sub> 495_770 | 97.85       | -20.19      | 119.57      | 121.26     | 0.21   | -0.0327 | 99.5     | 33 566             | 14 470             |
| G <sub>o</sub> 495_565 | 76.01       | -132.53     | 82.18       | 155.95     | 0.1458 | -0.0403 | 148.1    | 25 526             | -1 526c            |
| C <sub>m</sub> 380_565 | 79.25       | -70.77      | -35.73      | 79.28      | 0.1813 | -0.1019 | 206.7    | 16 481             | -1 481c            |
| B <sub>m</sub> 380_495 | 28.02       | 85.37       | -120.26     | 147.48     | 0.3175 | -0.2164 | 305.3    | 12 461             | 29 547             |
| M <sub>o</sub> 575_475 | 76.13       | 77.02       | -37.36      | 85.61      | 0.2615 | -0.1034 | 334.1    | -1 521c            | 24 521             |
| N <sub>o</sub> 380_770 | 0.9         | 0.0         | 0.0         | 0.0        | 0.219  | -0.0837 | 272.4    | 14 471             | 34 573             |
| W <sub>o</sub> 380_770 | 100.0       | 0.0         | 0.0         | 0.0        | 0.219  | -0.0837 | 0.0      | -1 573c            | -1 471c            |

1-000430-L0

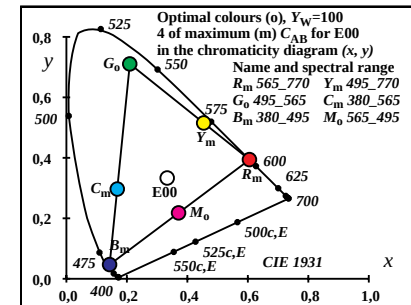
SE740-5N\_5

**Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for E00,  $Y_w=100$**

| <i>CodeD65</i>         | <i>L*<sub>100</sub></i> | <i>a*<sub>100</sub></i> | <i>b*<sub>100</sub></i> | <i>C*<sub>ab</sub></i> | <i>a'</i> | <i>b'</i> | <i>h<sub>ab</sub></i> | <i>i<sub>d</sub>, λ*<sub>d</sub></i> | <i>i<sub>c</sub>, λ*<sub>c</sub></i> |
|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-----------|-----------|-----------------------|--------------------------------------|--------------------------------------|
| R <sub>m</sub> 565_770 | 72.66                   | 59.89                   | 132.18                  | 145.12                 | 0.2528    | -0.0092   | 65.6                  | 38 590                               | 15 475                               |
| Y <sub>m</sub> 495_770 | 97.85                   | -20.53                  | 116.26                  | 118.06                 | 0.21      | -0.0327   | 100.0                 | 33 566                               | 14 470                               |
| G <sub>o</sub> 495_565 | 76.01                   | -134.83                 | 79.92                   | 156.74                 | 0.1458    | -0.0403   | 149.3                 | 25 525                               | -1 525c                              |
| C <sub>m</sub> 380_565 | 79.25                   | -71.99                  | -34.73                  | 79.94                  | 0.1813    | -0.1019   | 205.7                 | 16 481                               | -1 481c                              |
| B <sub>m</sub> 380_495 | 28.02                   | 86.89                   | -116.93                 | 145.68                 | 0.3176    | -0.2164   | 306.6                 | 12 460                               | 29 546                               |
| M <sub>o</sub> 575_475 | 76.13                   | 78.35                   | -36.32                  | 86.36                  | 0.2615    | -0.1034   | 335.1                 | -1 520c                              | 24 520                               |
| N <sub>o</sub> 380_770 | 0.9                     | -0.01                   | 0.0                     | 0.01                   | 0.2191    | -0.0837   | 159.0                 | 23 516                               | -1 516c                              |
| W <sub>o</sub> 380_770 | 100.0                   | 0.0                     | 0.0                     | 0.0                    | 0.2191    | -0.0837   | 0.0                   | -1 520c                              | -1 516c                              |

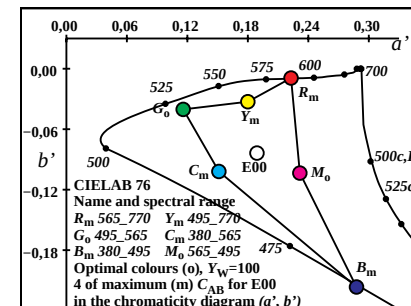
1-000430-L0

SE740-7N\_5



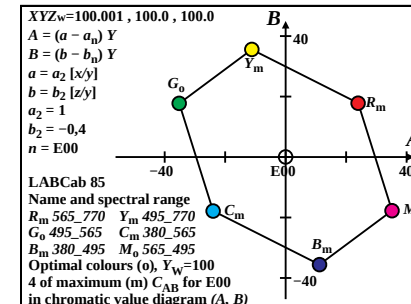
1-000430-

SE741-1N 5



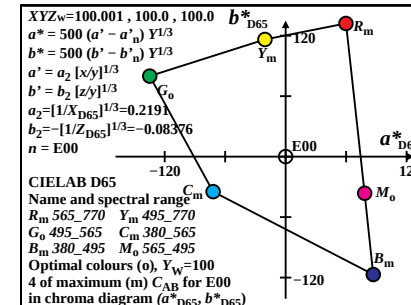
1-000430-

SE741-3N 5



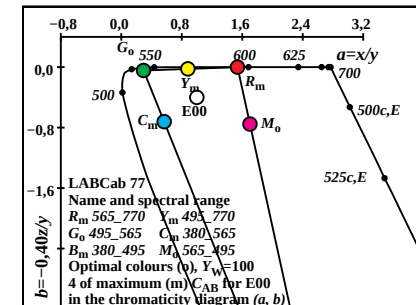
1-000430-

SE741-5N\_5



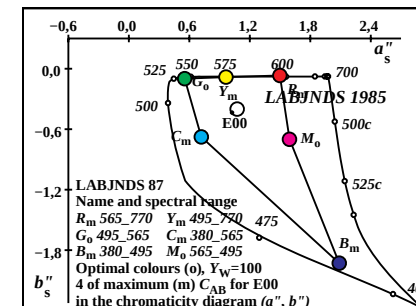
1-000430-

SE741-7N\_5



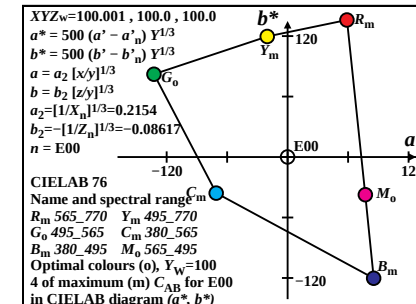
1-000430-

SE741-2N 5



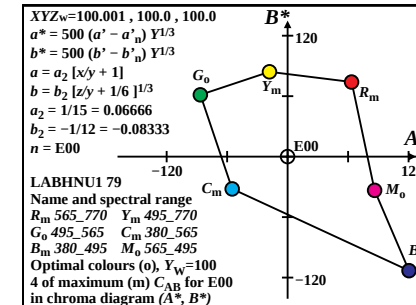
1-000430-

SE741-4N 5



1-000430-

SE741-6N\_5



1-000430-

SE741-8N\_5

TUB-test chart SE74; RYCB: 4 maximum colours  
XYZ, YABCh, LabCh\* data; 2° and 10°, Yn=100

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

TUB registration: 20130201-SE74/SE74L0NP.PDF / .PS  
application for measurement of display output

TUB material: code=rha4ta

see similar files: <http://130.149.60.45/~farbmeirik/SE74/SE74.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45>

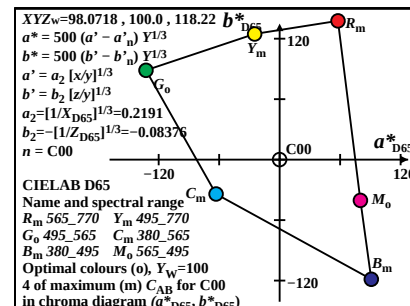
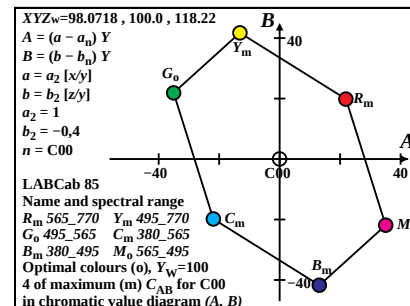
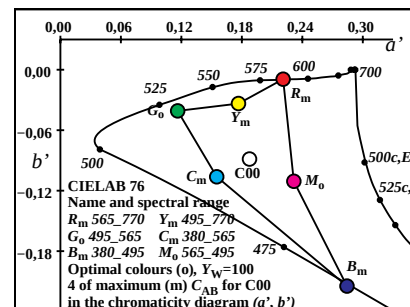
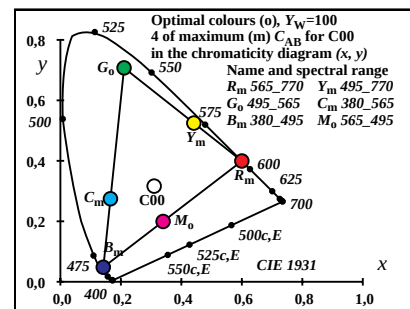
| Optimal colours (o) RYGBM of maximum (m) $C_{AB}$ for C00, $Y_w=100$ |           |           |           |        |        |        |          |                  |                  |  |
|----------------------------------------------------------------------|-----------|-----------|-----------|--------|--------|--------|----------|------------------|------------------|--|
| Code                                                                 | $X_{100}$ | $Y_{100}$ | $Z_{100}$ | $x$    | $y$    | $z$    | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |  |
| R <sub>m</sub> 565_770                                               | 63.1      | 41.99     | 0.05      | 0.6001 | 0.3993 | 0.0005 | 15.9     | 37 589           | 16 482           |  |
| Y <sub>m</sub> 495_770                                               | 78.39     | 93.33     | 6.01      | 0.441  | 0.525  | 0.0338 | 57.8     | 33 566           | 11 459           |  |
| G <sub>o</sub> 495_565                                               | 15.29     | 51.34     | 5.95      | 0.2106 | 0.7072 | 0.082  | 104.2    | 25 529           | -1 529c          |  |
| C <sub>m</sub> 380_565                                               | 34.96     | 58.0      | 118.16    | 0.1656 | 0.2747 | 0.5596 | 196.0    | 16 482           | 37 589           |  |
| B <sub>m</sub> 380_495                                               | 19.67     | 6.66      | 112.2     | 0.142  | 0.0481 | 0.8098 | 237.9    | 11 459           | 33 566           |  |
| M <sub>o</sub> 575_475                                               | 82.77     | 48.65     | 112.26    | 0.3396 | 0.1996 | 0.4606 | 284.3    | -1 529c          | 25 529           |  |
| N <sub>o</sub> 380_770                                               | 0.09      | 0.1       | 0.11      | 0.31   | 0.3161 | 0.3737 | 359.9    | 16 483           | 37 589           |  |
| W <sub>o</sub> 380_770                                               | 98.07     | 100.0     | 118.22    | 0.31   | 0.3161 | 0.3737 | 0.0      | -1 589c          | -1 483c          |  |

| Optimal colours (o) RYGBM of maximum (m) C <sub>AB</sub> for C00, Y <sub>w</sub> =100 |                  |                  |                  |                 |        |         |                 |                                 |                                 |  |
|---------------------------------------------------------------------------------------|------------------|------------------|------------------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|--|
| Code                                                                                  | 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> |  |
| R <sub>m</sub> 565_770                                                                | 41.99            | 21.92            | 19.83            | 29.56           | 1.5027 | -0.0005 | 42.1            | 37 589                          | 16 481                          |  |
| Y <sub>m</sub> 495_770                                                                | 93.33            | -13.13           | 41.73            | 43.75           | 0.8399 | -0.0257 | 107.4           | 33 566                          | 12 464                          |  |
| G <sub>o</sub> 495_565                                                                | 51.34            | -35.05           | 21.89            | 41.33           | 0.2978 | -0.0464 | 148.0           | 26 530                          | -1 530c                         |  |
| C <sub>m</sub> 380_565                                                                | 58.0             | -21.92           | -19.83           | 29.56           | 0.6028 | -0.8148 | 222.1           | 16 482                          | 39 595                          |  |
| B <sub>m</sub> 380_495                                                                | 6.66             | 13.13            | -41.73           | 43.74           | 2.9514 | -6.7332 | 287.4           | 11 459                          | 32 564                          |  |
| M <sub>o</sub> 575_475                                                                | 48.65            | 35.05            | -21.89           | 41.33           | 1.7012 | -0.9229 | 328.0           | -1 509c                         | 21 509                          |  |
| N <sub>o</sub> 380_770                                                                | 0.1              | 0.0              | 0.0              | 0.01            | 0.9797 | -0.4724 | 87.4            | 35 576                          | 15 476                          |  |
| W <sub>o</sub> 380_770                                                                | 100.0            | 0.0              | 0.0              | 0.01            | 0.9807 | -0.4729 | 0.0             | 35 576                          | 15 476                          |  |

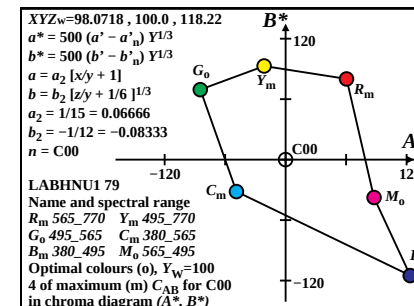
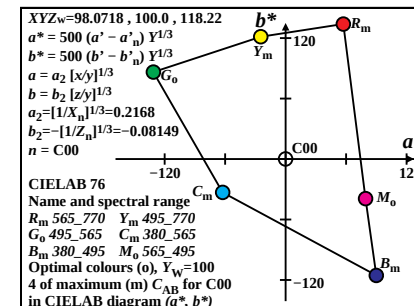
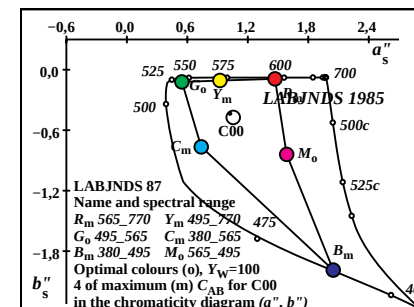
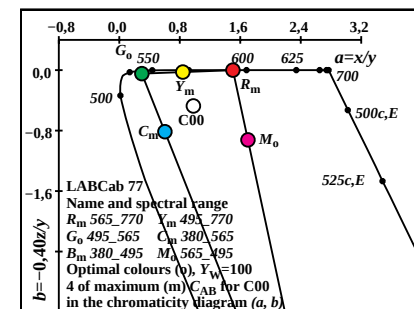
| Optimal colours (o) RYGBM of maximum (m) $C_{AB}$ for C00, $Y_w=100$ |             |             |             |            |        |         |          |                    |                    |  |
|----------------------------------------------------------------------|-------------|-------------|-------------|------------|--------|---------|----------|--------------------|--------------------|--|
| Code                                                                 | $L^*_{100}$ | $a^*_{100}$ | $b^*_{100}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |  |
| R <sub>m</sub> 565_770                                               | 70.87       | 57.23       | 121.28      | 134.11     | 0.2509 | -0.0093 | 64.7     | 38 591             | 15 475             |  |
| Y <sub>m</sub> 495_770                                               | 97.36       | -24.59      | 121.3       | 123.76     | 0.2067 | -0.0335 | 101.4    | 32 564             | 14 470             |  |
| G <sub>o</sub> 495_565                                               | 76.89       | -131.21     | 86.23       | 157.01     | 0.1463 | -0.0408 | 146.6    | 25 525             | -1 525c            |  |
| C <sub>m</sub> 380_565                                               | 80.74       | -62.43      | -33.16      | 70.69      | 0.185  | -0.1061 | 207.9    | 16 480             | -1 480c            |  |
| B <sub>m</sub> 380_495                                               | 31.05       | 89.91       | -115.42     | 146.31     | 0.314  | -0.2145 | 307.9    | 12 460             | 28 543             |  |
| M <sub>o</sub> 575_475                                               | 75.24       | 79.25       | -39.27      | 88.45      | 0.2615 | -0.1106 | 333.6    | -1 519c            | 23 519             |  |
| N <sub>o</sub> 380_770                                               | 0.9         | 0.0         | -0.28       | 0.28       | 0.2176 | -0.0885 | 270.0    | 14 472             | 34 572             |  |
| W <sub>o</sub> 380_770                                               | 100.0       | 0.0         | 0.0         | 0.0        | 0.2176 | -0.0885 | 0.0      | -1 572c            | -1 472c            |  |

| Optimal colours (o) RYGBM of maximum (m) C <sub>AB</sub> for C00, Y <sub>w</sub> =100 |                   |                   |                   |                  |        |         |                 |                                  |                                  |  |
|---------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|------------------|--------|---------|-----------------|----------------------------------|----------------------------------|--|
| CodeD65                                                                               | 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> |  |
| R <sub>m</sub> 565_770                                                                | 70.87             | 57.84             | 137.7             | 149.35           | 0.2509 | -0.0093 | 67.2            | 37 589                           | 15 475                           |  |
| Y <sub>m</sub> 495_770                                                                | 97.36             | -24.85            | 124.71            | 127.16           | 0.2067 | -0.0335 | 101.2           | 32 564                           | 14 470                           |  |
| G <sub>o</sub> 495_565                                                                | 76.89             | -132.62           | 88.67             | 159.53           | 0.1463 | -0.0408 | 146.2           | 25 526                           | -1 526c                          |  |
| C <sub>m</sub> 380_565                                                                | 80.74             | -63.1             | -34.08            | 71.72            | 0.185  | -0.1061 | 208.3           | 16 480                           | -1 480c                          |  |
| B <sub>m</sub> 380_495                                                                | 31.05             | 90.91             | -118.66           | 149.48           | 0.3141 | -0.2145 | 307.4           | 12 460                           | 28 543                           |  |
| M <sub>o</sub> 575_475                                                                | 75.24             | 80.09             | -40.36            | 89.69            | 0.2615 | -0.1106 | 333.2           | -1 519c                          | 23 519                           |  |
| N <sub>o</sub> 380_770                                                                | 0.9               | -0.01             | 0.0               | 0.01             | 0.2176 | -0.0885 | 157.8           | 23 515                           | -1 515c                          |  |
| W <sub>o</sub> 380_770                                                                | 100.0             | 0.0               | 0.0               | 0.0              | 0.2176 | -0.0885 | 0.0             | -1 519c                          | -1 515c                          |  |

TUB-test chart SE74; RYCB: 4 maximum colours  
XYZ, YABCh, LabCh\* data; 2° and 10°, Y<sub>n</sub>=100



input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change



| Optimal colours (o) RYGBM of maximum (m) C <sub>AB</sub> for P00, Y <sub>w</sub> =100 |                  |                  |                  |        |        |        |                 |                                 |                                 |  |
|---------------------------------------------------------------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|--|
| Code                                                                                  | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> |  |
| R <sub>m</sub> 565_770                                                                | 74.35            | 47.6             | 0.06             | 0.6093 | 0.3901 | 0.0005 | 8.4             | 38 591                          | 17 485                          |  |
| Y <sub>m</sub> 495_770                                                                | 88.77            | 95.36            | 5.13             | 0.469  | 0.5038 | 0.0271 | 54.2            | 34 570                          | 12 460                          |  |
| G <sub>o</sub> 495_565                                                                | 14.41            | 47.76            | 5.07             | 0.2143 | 0.7102 | 0.0754 | 112.2           | 25 528                          | -1 528c                         |  |
| C <sub>m</sub> 380_565                                                                | 27.71            | 52.39            | 80.99            | 0.172  | 0.3252 | 0.5027 | 188.4           | 17 485                          | 38 591                          |  |
| B <sub>m</sub> 380_495                                                                | 13.29            | 4.63             | 75.92            | 0.1416 | 0.0493 | 0.809  | 234.2           | 12 460                          | 34 570                          |  |
| M <sub>o</sub> 575_475                                                                | 87.65            | 52.23            | 75.98            | 0.406  | 0.2419 | 0.352  | 292.3           | -1 528c                         | 25 528                          |  |
| N <sub>o</sub> 380_770                                                                | 0.1              | 0.1              | 0.08             | 0.3604 | 0.3531 | 0.2863 | 0.0             | 41 605                          | 17 486                          |  |
| W <sub>o</sub> 380_770                                                                | 102.06           | 100.0            | 81.06            | 0.3604 | 0.3531 | 0.2863 | 0.0             | -1 486c                         | -1 605c                         |  |

1-000630-L0

SE740-1N\_7

| Optimal colours (o) RYGBM of maximum (m) C <sub>AB</sub> for P00, Y <sub>w</sub> =100 |                  |                  |                  |                 |        |         |                 |                                 |                                 |  |
|---------------------------------------------------------------------------------------|------------------|------------------|------------------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|--|
| Code                                                                                  | 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> |  |
| R <sub>m</sub> 565_770                                                                | 47.6             | 25.76            | 15.41            | 30.02           | 1.5618 | -0.0005 | 30.8            | 38 591                          | 17 487                          |  |
| Y <sub>m</sub> 495_770                                                                | 95.36            | -8.56            | 28.86            | 30.11           | 0.9308 | -0.0215 | 106.5           | 34 570                          | 5 427                           |  |
| G <sub>o</sub> 495_565                                                                | 47.76            | -34.33           | 13.45            | 36.87           | 0.3018 | -0.0424 | 158.5           | 25 526                          | -1 526c                         |  |
| C <sub>m</sub> 380_565                                                                | 52.39            | -25.76           | -15.41           | 30.02           | 0.5288 | -0.6183 | 210.8           | 17 485                          | 37 585                          |  |
| B <sub>m</sub> 380_495                                                                | 4.63             | 8.56             | -28.86           | 30.11           | 2.8709 | -6.5586 | 286.5           | 12 460                          | 34 571                          |  |
| M <sub>o</sub> 575_475                                                                | 52.23            | 34.33            | -13.45           | 36.87           | 1.6779 | -0.5818 | 338.5           | -1 553c                         | 30 553                          |  |
| N <sub>o</sub> 380_770                                                                | 0.1              | 0.0              | 0.0              | 0.01            | 1.0196 | -0.3239 | 93.2            | 15 476                          | 35 577                          |  |
| W <sub>o</sub> 380_770                                                                | 100.0            | 0.0              | 0.0              | 0.01            | 1.0206 | -0.3242 | 0.0             | 15 476                          | 35 576                          |  |

1-000630-L0

SE740-3N\_7

| Optimal colours (o) RYGBM of maximum (m) C <sub>AB</sub> for P00, Y <sub>w</sub> =100 |                   |                   |                   |                  |        |         |                 |                                  |                                  |  |
|---------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|------------------|--------|---------|-----------------|----------------------------------|----------------------------------|--|
| Code                                                                                  | 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> |  |
| R <sub>m</sub> 565_770                                                                | 74.58             | 59.47             | 127.61            | 140.79           | 0.2541 | -0.0091 | 65.0            | 38 590                           | 15 475                           |  |
| Y <sub>m</sub> 495_770                                                                | 98.18             | -14.88            | 117.1             | 118.05           | 0.2139 | -0.0316 | 97.2            | 33 569                           | 14 470                           |  |
| G <sub>o</sub> 495_565                                                                | 74.68             | -130.41           | 76.9              | 151.4            | 0.1469 | -0.0396 | 149.4           | 25 528                           | -1 528c                          |  |
| C <sub>m</sub> 380_565                                                                | 77.52             | -79.3             | -38.71            | 88.25            | 0.1771 | -0.0968 | 206.0           | 16 482                           | -1 482c                          |  |
| B <sub>m</sub> 380_495                                                                | 25.68             | 73.84             | -123.82           | 144.16           | 0.3111 | -0.2126 | 300.8           | 12 463                           | 30 553                           |  |
| M <sub>o</sub> 575_475                                                                | 77.42             | 72.56             | -34.66            | 80.41            | 0.2603 | -0.0948 | 334.4           | -1 523c                          | 24 523                           |  |
| N <sub>o</sub> 380_770                                                                | 0.9               | 0.0               | 0.29              | 0.29             | 0.2205 | -0.078  | 89.9            | 34 573                           | 14 471                           |  |
| W <sub>o</sub> 380_770                                                                | 100.0             | 0.0               | 0.0               | 0.0              | 0.2205 | -0.078  | 0.0             | -1 471c                          | -1 573c                          |  |

1-000630-L0

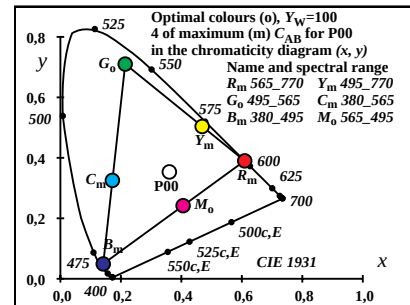
SE740-5N\_7

| Optimal colours (o) RYGBM of maximum (m) C <sub>AB</sub> for P00, Y <sub>w</sub> =100 |                   |                   |                   |                  |        |         |                 |                                  |                                  |  |
|---------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|------------------|--------|---------|-----------------|----------------------------------|----------------------------------|--|
| CodeD65                                                                               | 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> |  |
| R <sub>m</sub> 565_770                                                                | 74.58             | 60.91             | 124.91            | 138.97           | 0.2542 | -0.0091 | 64.0            | 38 591                           | 15 475                           |  |
| Y <sub>m</sub> 495_770                                                                | 98.18             | -15.24            | 106.16            | 107.25           | 0.2139 | -0.0316 | 98.1            | 33 568                           | 14 470                           |  |
| G <sub>o</sub> 495_565                                                                | 74.68             | -133.58           | 69.73             | 150.69           | 0.1469 | -0.0396 | 152.4           | 25 525                           | -1 525c                          |  |
| C <sub>m</sub> 380_565                                                                | 77.52             | -81.23            | -35.08            | 88.48            | 0.1771 | -0.0968 | 203.3           | 16 483                           | -1 483c                          |  |
| B <sub>m</sub> 380_495                                                                | 25.68             | 75.68             | -112.26           | 135.38           | 0.3112 | -0.2126 | 303.9           | 12 461                           | 30 551                           |  |
| M <sub>o</sub> 575_475                                                                | 77.42             | 74.31             | -31.41            | 80.68            | 0.2603 | -0.0948 | 337.0           | -1 521c                          | 24 521                           |  |
| N <sub>o</sub> 380_770                                                                | 0.9               | -0.01             | 0.0               | 0.01             | 0.2206 | -0.078  | 160.5           | 23 517                           | -1 517c                          |  |
| W <sub>o</sub> 380_770                                                                | 100.0             | 0.0               | 0.0               | 0.0              | 0.2206 | -0.078  | 0.0             | -1 521c                          | -1 517c                          |  |

1-000630-L0

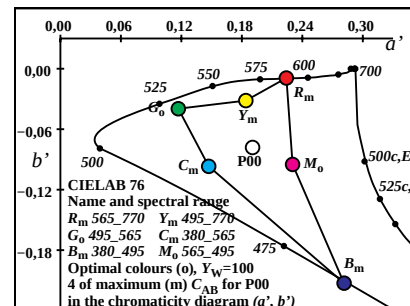
SE740-7N\_7

TUB-test chart SE74; RYCB: 4 maximum colours  
XYZ, YABCh, LabCh\* data; 2° and 10°, Y<sub>n</sub>=100



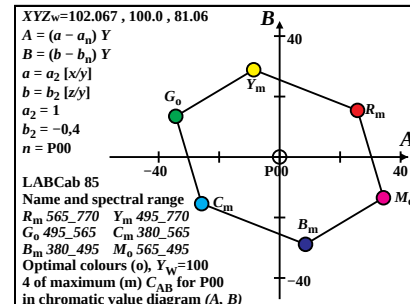
1-000630-L0

SE741-1N\_7



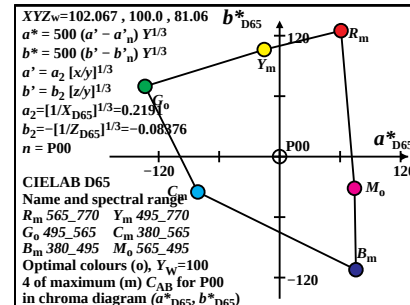
1-000630-L0

SE741-3N\_7



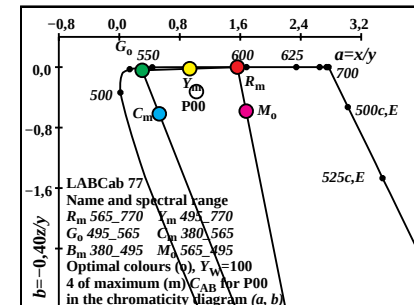
1-000630-L0

SE741-5N\_7



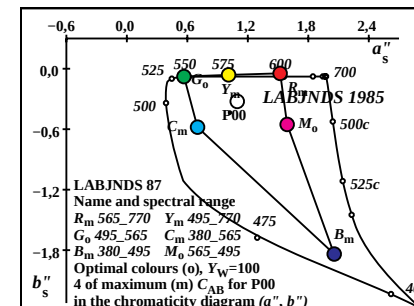
1-000630-L0

SE741-7N\_7



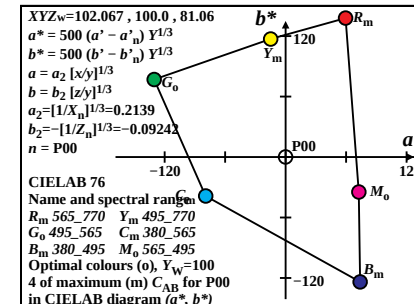
1-000630-L0

SE741-2N\_7



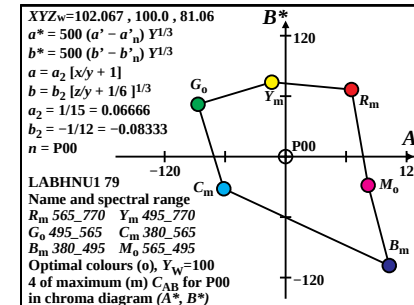
1-000630-L0

SE741-4N\_7



1-000630-L0

SE741-6N\_7



1-000630-L0

SE741-8N\_7

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

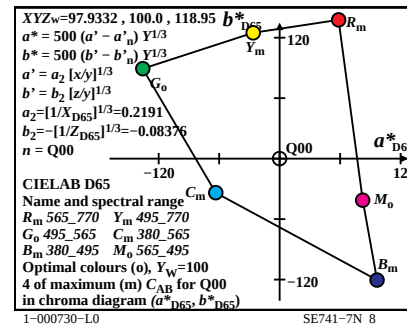
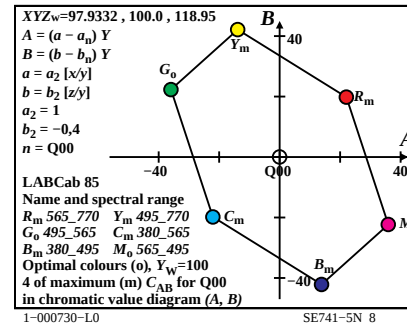
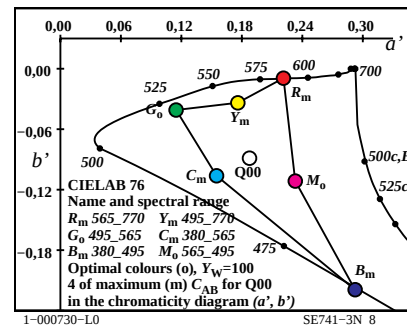
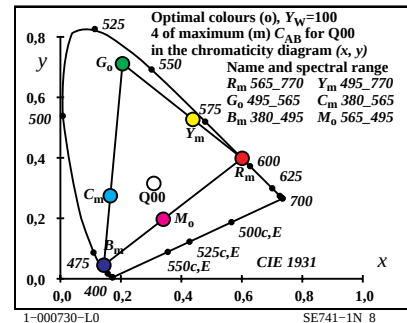
| Optimal colours (o) RYGBM of maximum (m) C <sub>AB</sub> for Q00, Y <sub>w</sub> =100 |                  |                  |                  |        |            |        |                 |                                 |                                 |  |
|---------------------------------------------------------------------------------------|------------------|------------------|------------------|--------|------------|--------|-----------------|---------------------------------|---------------------------------|--|
| Code                                                                                  | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y          | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> |  |
| R <sub>m</sub> 565_770                                                                | 62.88            | 41.67            | 0.05             | 0.6011 | 0.3983     | 0.0005 | 15.8            | 37 589                          | 16 482                          |  |
| Y <sub>m</sub> 495_770                                                                | 77.91            | 93.71            | 6.13             | 0.4382 | 0.5271     | 0.0345 | 58.5            | 33 565                          | 11 458                          |  |
| G <sub>o</sub> 495_565                                                                | 15.02            | 52.04            | 6.08             | 0.2054 | 0.7114     | 0.0831 | 104.6           | 25 529                          | -1 529c                         |  |
| C <sub>m</sub> 380_565                                                                | 35.04            | 58.32            | 118.89           | 0.1651 | 0.2747     | 0.5601 | 195.8           | 16 482                          | 37 589                          |  |
| B <sub>m</sub> 380_495                                                                | 20.01            | 6.28             | 112.81           | 0.1438 | 0.0451     | 0.8109 | 238.5           | 11 458                          | 33 565                          |  |
| M <sub>o</sub> 575_475                                                                | 82.9             | 47.95            | 112.87           | 0.3401 | 0.1967     | 0.463  | 284.7           | -1 529c                         | 25 529                          |  |
| N <sub>o</sub> 380_770                                                                | 0.09             | 0.1              | 0.11             | 0.309  | 0.3155     | 0.3753 | 359.9           | -1 542c                         | 28 542                          |  |
| W <sub>o</sub> 380_770                                                                | 97.93            | 100.0            | 118.95           | 0.309  | 0.3155     | 0.3753 | 0.0             | -1 542c                         | -1 458c                         |  |
| 1-000730-L0                                                                           |                  |                  |                  |        | SE740-1N_8 |        |                 |                                 |                                 |  |

| Optimal colours (o) RYGBM of maximum (m) C <sub>AB</sub> for Q00, Y <sub>w</sub> =100 |                  |                  |                  |                 |            |         |                 |                                 |                                 |  |
|---------------------------------------------------------------------------------------|------------------|------------------|------------------|-----------------|------------|---------|-----------------|---------------------------------|---------------------------------|--|
| Code                                                                                  | 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> |  |
| R <sub>m</sub> 565_770                                                                | 41.67            | 22.07            | 19.8             | 29.65           | 1.509      | -0.0005 | 41.9            | 37 589                          | 16 481                          |  |
| Y <sub>m</sub> 495_770                                                                | 93.71            | -13.86           | 42.13            | 44.35           | 0.8314     | -0.0262 | 108.2           | 33 566                          | 12 464                          |  |
| G <sub>o</sub> 495_565                                                                | 52.04            | -35.93           | 22.32            | 42.3            | 0.2887     | -0.0467 | 148.1           | 25 529                          | -1 529c                         |  |
| C <sub>m</sub> 380_565                                                                | 58.32            | -22.07           | -19.8            | 29.65           | 0.6008     | -0.8153 | 221.9           | 16 482                          | 39 595                          |  |
| B <sub>m</sub> 380_495                                                                | 6.28             | 13.86            | -42.13           | 44.35           | 3.1842     | -7.1782 | 288.2           | 11 458                          | 32 563                          |  |
| M <sub>o</sub> 575_475                                                                | 47.95            | 35.93            | -22.32           | 42.3            | 1.7286     | -0.9413 | 328.1           | -1 508c                         | 21 508                          |  |
| N <sub>o</sub> 380_770                                                                | 0.1              | 0.0              | 0.0              | 0.01            | 0.9783     | -0.4753 | 87.2            | 35 576                          | 15 476                          |  |
| W <sub>o</sub> 380_770                                                                | 100.0            | 0.0              | 0.0              | 0.01            | 0.9793     | -0.4758 | 0.0             | 35 576                          | 15 476                          |  |
| 1-000730-L0                                                                           |                  |                  |                  |                 | SE740-3N_8 |         |                 |                                 |                                 |  |

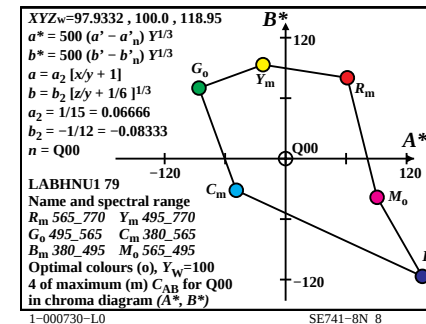
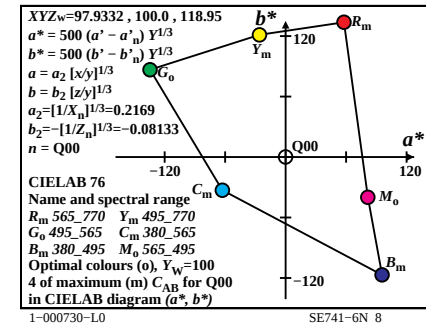
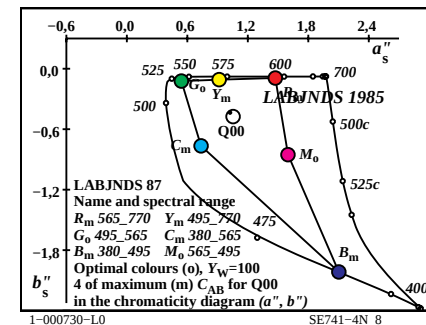
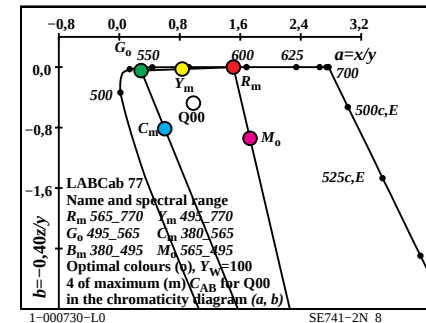
| Optimal colours (o) RYGBM of maximum (m) C <sub>AB</sub> for Q00, Y <sub>w</sub> =100 |                   |                   |                   |                  |            |         |                 |                                  |                                  |  |
|---------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|------------------|------------|---------|-----------------|----------------------------------|----------------------------------|--|
| Code                                                                                  | 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> |  |
| R <sub>m</sub> 565_770                                                                | 70.65             | 57.88             | 120.92            | 134.06           | 0.2512     | -0.0093 | 64.4            | 38 592                           | 15 475                           |  |
| Y <sub>m</sub> 495_770                                                                | 97.52             | -25.98            | 121.21            | 123.96           | 0.206      | -0.0337 | 102.1           | 32 563                           | 14 470                           |  |
| G <sub>o</sub> 495_565                                                                | 77.31             | -134.45           | 86.59             | 159.92           | 0.1448     | -0.0409 | 147.2           | 25 525                           | -1 525c                          |  |
| C <sub>m</sub> 380_565                                                                | 80.92             | -62.76            | -32.86            | 70.84            | 0.1848     | -0.1061 | 207.6           | 16 480                           | -1 480c                          |  |
| B <sub>m</sub> 380_495                                                                | 30.14             | 95.66             | -116.93           | 151.08           | 0.3221     | -0.2191 | 309.2           | 11 459                           | 28 541                           |  |
| M <sub>o</sub> 575_475                                                                | 74.8              | 81.6              | -39.97            | 90.86            | 0.2629     | -0.1113 | 333.9           | -1 518c                          | 23 518                           |  |
| N <sub>o</sub> 380_770                                                                | 0.9               | 0.0               | -0.29             | 0.29             | 0.2175     | -0.0887 | 270.0           | 14 472                           | 34 572                           |  |
| W <sub>o</sub> 380_770                                                                | 100.0             | 0.0               | 0.0               | 0.0              | 0.2175     | -0.0887 | 0.0             | -1 572c                          | -1 472c                          |  |
| 1-000730-L0                                                                           |                   |                   |                   |                  | SE740-5N_8 |         |                 |                                  |                                  |  |

| Optimal colours (o) RYGBM of maximum (m) C <sub>AB</sub> for Q00, Y <sub>w</sub> =100 |                   |                   |                   |                  |            |         |                 |                                  |                                  |  |
|---------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|------------------|------------|---------|-----------------|----------------------------------|----------------------------------|--|
| CodeD65                                                                               | 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> |  |
| R <sub>m</sub> 565_770                                                                | 70.65             | 58.47             | 137.7             | 149.6            | 0.2513     | -0.0093 | 66.9            | 37 589                           | 15 475                           |  |
| Y <sub>m</sub> 495_770                                                                | 97.52             | -26.25            | 124.87            | 127.6            | 0.206      | -0.0337 | 101.8           | 32 563                           | 14 470                           |  |
| G <sub>o</sub> 495_565                                                                | 77.31             | -135.83           | 89.22             | 162.51           | 0.1448     | -0.0409 | 146.6           | 25 525                           | -1 525c                          |  |
| C <sub>m</sub> 380_565                                                                | 80.92             | -63.4             | -33.84            | 71.87            | 0.1848     | -0.1061 | 208.0           | 16 480                           | -1 480c                          |  |
| B <sub>m</sub> 380_495                                                                | 30.14             | 96.68             | -120.47           | 154.47           | 0.3221     | -0.2191 | 308.7           | 11 459                           | 28 542                           |  |
| M <sub>o</sub> 575_475                                                                | 74.8              | 82.43             | -41.17            | 92.14            | 0.2629     | -0.1114 | 333.4           | -1 519c                          | 23 519                           |  |
| N <sub>o</sub> 380_770                                                                | 0.9               | -0.01             | 0.0               | 0.01             | 0.2175     | -0.0887 | 157.8           | 23 515                           | -1 515c                          |  |
| W <sub>o</sub> 380_770                                                                | 100.0             | 0.0               | 0.0               | 0.0              | 0.2175     | -0.0887 | 0.0             | -1 519c                          | -1 515c                          |  |
| 1-000730-L0                                                                           |                   |                   |                   |                  | SE740-7N_8 |         |                 |                                  |                                  |  |

TUB-test chart SE74; RYCB: 4 maximum colours  
XYZ, YABCh, LabCh\* data; 2° and 10°, Y<sub>n</sub>=100



input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change



TUB registration: 20130201-SE74/SE74L0NP.PDF /PS  
application for measurement of display output

TUB material: code=rha4ta

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for D65,  $Y_w=100$

| Code                   | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|------------------|------------------|------------------|--------|--------|--------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 58.96            | 38.15            | 0.0              | 0.6071 | 0.3928 | 0.0    | 11.9     | 37 588           | 15 477           |
| Y <sub>m</sub> 495_770 | 76.87            | 89.06            | 4.2              | 0.4518 | 0.5234 | 0.0247 | 54.3     | 32 562           | 11 459           |
| G <sub>o</sub> 495_565 | 17.91            | 50.91            | 4.2              | 0.2452 | 0.6971 | 0.0575 | 100.5    | 25 528           | -1 528c          |
| C <sub>m</sub> 380_565 | 35.85            | 61.84            | 107.33           | 0.1748 | 0.3016 | 0.5234 | 191.9    | 15 477           | 37 588           |
| B <sub>m</sub> 380_495 | 17.94            | 10.93            | 103.13           | 0.1359 | 0.0828 | 0.7812 | 234.3    | 11 459           | 32 562           |
| M <sub>o</sub> 575_475 | 76.9             | 49.08            | 103.13           | 0.3356 | 0.2142 | 0.4501 | 280.6    | -1 528c          | 25 528           |
| N <sub>o</sub> 380_770 | 0.09             | 0.09             | 0.1              | 0.3137 | 0.3309 | 0.3552 | 359.9    | -1 508c          | 21 508           |
| W <sub>o</sub> 380_770 | 94.81            | 100.0            | 107.33           | 0.3137 | 0.3309 | 0.3552 | 0.0      | -1 508c          | -1 459c          |

1-001030-L0

SE740-1N\_1

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for D65,  $Y_w=100$

| Code                   | Y <sub>100</sub> | A <sub>100</sub> | B <sub>100</sub> | $C_{AB}$ | a      | b       | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|------------------|------------------|------------------|----------|--------|---------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 38.15            | 22.78            | 16.37            | 28.06    | 1.5454 | 0.0     | 35.7     | 37 588           | 15 477           |
| Y <sub>m</sub> 495_770 | 89.06            | -7.57            | 36.55            | 37.33    | 0.863  | -0.0188 | 101.7    | 32 562           | 12 464           |
| G <sub>o</sub> 495_565 | 50.91            | -30.36           | 20.17            | 36.45    | 0.3517 | -0.033  | 146.3    | 25 529           | -1 529c          |
| C <sub>m</sub> 380_565 | 61.84            | -22.78           | -16.37           | 28.06    | 0.5796 | -0.6941 | 215.7    | 15 477           | 37 587           |
| B <sub>m</sub> 380_495 | 10.93            | 7.57             | -36.55           | 37.33    | 1.6407 | -3.7725 | 281.7    | 11 459           | 31 559           |
| M <sub>o</sub> 575_475 | 49.08            | 30.36            | -20.17           | 36.45    | 1.5667 | -0.8404 | 326.3    | -1 514c          | 22 514           |
| N <sub>o</sub> 380_770 | 0.09             | 0.0              | 0.0              | 0.01     | 0.9471 | -0.4289 | 82.8     | 38 593           | 15 478           |
| W <sub>o</sub> 380_770 | 100.0            | 0.0              | 0.0              | 0.01     | 0.9481 | -0.4293 | 0.0      | 38 594           | 15 478           |

1-001030-L0

SE740-3N\_1

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for D65,  $Y_w=100$

| Code                   | L* <sub>100</sub> | a* <sub>100</sub> | b* <sub>100</sub> | C* <sub>ab</sub> | a'     | b'      | $h_{ab}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|-------------------|-------------------|-------------------|------------------|--------|---------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 68.13             | 64.13             | 117.48            | 133.84           | 0.2532 | 0.0     | 61.3     | 39 595           | 13 469           |
| Y <sub>m</sub> 495_770 | 95.61             | -14.83            | 124.45            | 125.34           | 0.2085 | -0.0302 | 96.7     | 32 560           | 12 464           |
| G <sub>o</sub> 495_565 | 76.63             | -112.33           | 91.73             | 145.03           | 0.1546 | -0.0364 | 140.7    | 25 525           | -1 525c          |
| C <sub>m</sub> 380_565 | 82.83             | -64.42            | -29.59            | 70.9             | 0.1826 | -0.1006 | 204.6    | 15 475           | -1 475c          |
| B <sub>m</sub> 380_495 | 39.48             | 47.93             | -101.69           | 112.42           | 0.2583 | -0.1768 | 295.2    | 11 459           | 29 546           |
| M <sub>o</sub> 575_475 | 75.51             | 71.87             | -39.58            | 82.05            | 0.2544 | -0.1072 | 331.1    | -1 516c          | 23 516           |
| N <sub>o</sub> 380_770 | 0.9               | 0.0               | -0.11             | 0.11             | 0.2152 | -0.0857 | 270.0    | 13 466           | 33 566           |
| W <sub>o</sub> 380_770 | 100.0             | 0.0               | 0.0               | 0.0              | 0.2152 | -0.0857 | 0.0      | -1 566c          | -1 466c          |

1-001030-L0

SE740-5N\_1

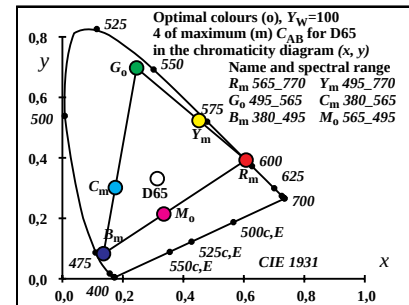
Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for D65,  $Y_w=100$

| CodeD65                | L* <sub>100</sub> | a* <sub>100</sub> | b* <sub>100</sub> | C* <sub>ab</sub> | a'     | b'      | $h_{ab}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|-------------------|-------------------|-------------------|------------------|--------|---------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 68.13             | 64.09             | 144.35            | 157.94           | 0.2533 | 0.0     | 66.0     | 37 588           | 13 469           |
| Y <sub>m</sub> 495_770 | 95.61             | -14.82            | 123.91            | 124.79           | 0.2086 | -0.0302 | 96.8     | 32 560           | 12 464           |
| G <sub>o</sub> 495_565 | 76.63             | -112.27           | 91.34             | 144.73           | 0.1546 | -0.0364 | 140.8    | 25 525           | -1 525c          |
| C <sub>m</sub> 380_565 | 82.83             | -64.38            | -29.45            | 70.8             | 0.1826 | -0.1006 | 204.5    | 15 475           | -1 475c          |
| B <sub>m</sub> 380_495 | 39.48             | 47.92             | -101.22           | 111.99           | 0.2583 | -0.1769 | 295.3    | 11 459           | 29 546           |
| M <sub>o</sub> 575_475 | 75.51             | 71.82             | -39.39            | 81.91            | 0.2544 | -0.1072 | 331.2    | -1 516c          | 23 516           |
| N <sub>o</sub> 380_770 | 0.9               | -0.01             | 0.0               | 0.01             | 0.2152 | -0.0857 | 158.2    | 22 510           | -1 510c          |
| W <sub>o</sub> 380_770 | 100.0             | 0.0               | 0.0               | 0.0              | 0.2152 | -0.0857 | 0.0      | -1 516c          | -1 510c          |

1-001030-L0

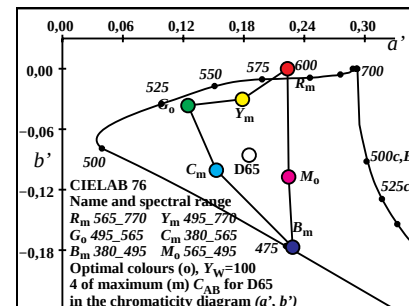
SE740-7N\_1

TUB-test chart SE74; RYCB: 4 maximum colours  
XYZ, YABCh, LabCh\* data; 2° and 10°, Y<sub>n</sub>=100



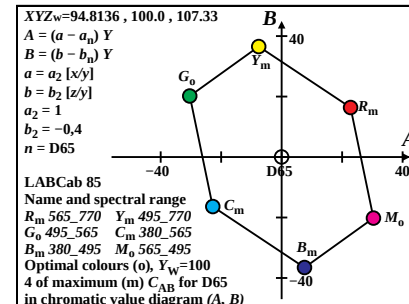
1-001030-L0

SE741-1N\_1



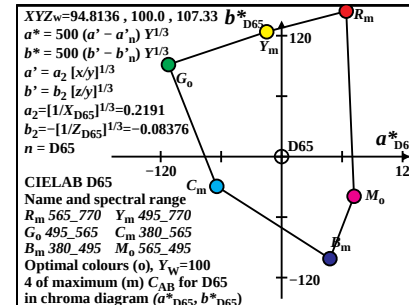
1-001030-L0

SE741-3N\_1



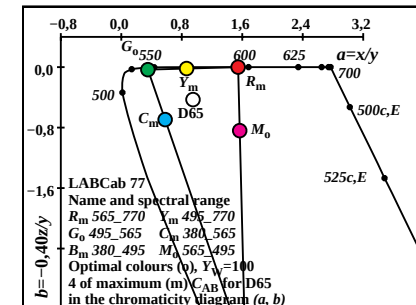
1-001030-L0

SE741-5N\_1



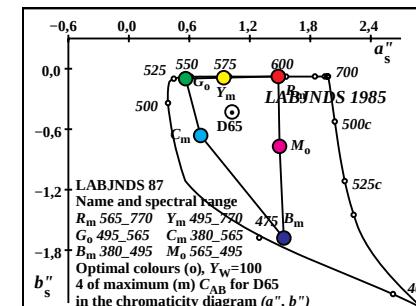
1-001030-L0

SE741-7N\_1



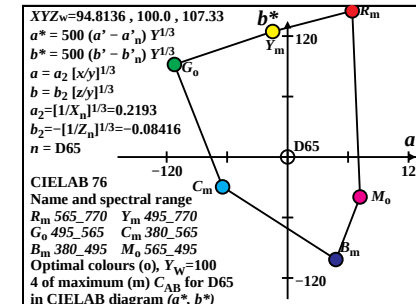
1-001030-L0

SE741-2N\_1



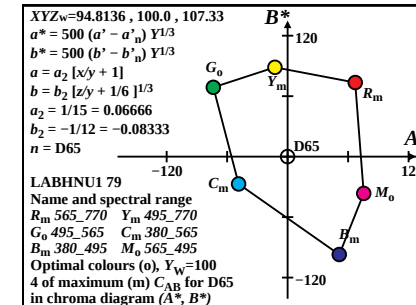
1-001030-L0

SE741-4N\_1



1-001030-L0

SE741-6N\_1



1-001030-L0

SE741-8N\_1

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for D50,  $Y_w=100$

| Code                   | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|------------------|------------------|------------------|--------|--------|--------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 65.6             | 41.75            | 0.0              | 0.611  | 0.3889 | 0.0    | 6.3      | 37 589           | 15 479           |
| Y <sub>m</sub> 495_770 | 83.43            | 91.1             | 3.82             | 0.4677 | 0.5107 | 0.0214 | 51.5     | 32 564           | 12 460           |
| G <sub>o</sub> 495_565 | 17.82            | 49.35            | 3.82             | 0.251  | 0.695  | 0.0539 | 106.0    | 25 529           | -1 529c          |
| C <sub>m</sub> 380_565 | 31.11            | 58.24            | 81.41            | 0.1822 | 0.341  | 0.4767 | 186.3    | 15 479           | 37 589           |
| B <sub>m</sub> 380_495 | 13.29            | 8.89             | 77.58            | 0.1332 | 0.0891 | 0.7775 | 231.5    | 12 460           | 32 564           |
| M <sub>o</sub> 575_475 | 78.9             | 50.64            | 77.58            | 0.3809 | 0.2445 | 0.3745 | 286.1    | -1 529c          | 25 529           |
| N <sub>o</sub> 380_770 | 0.09             | 0.09             | 0.08             | 0.3477 | 0.3595 | 0.2927 | 0.0      | 19 498           | -1 498c          |
| W <sub>o</sub> 380_770 | 96.72            | 99.99            | 81.41            | 0.3477 | 0.3595 | 0.2927 | 0.0      | -1 529c          | -1 498c          |

1-001130-L0

SE740-1N\_2

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for D50,  $Y_w=100$

| Code                   | Y <sub>100</sub> | A <sub>100</sub> | B <sub>100</sub> | $C_{AB}$ | a      | b       | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|------------------|------------------|------------------|----------|--------|---------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 41.75            | 25.22            | 13.59            | 28.65    | 1.5713 | 0.0     | 28.3     | 37 589           | 16 482           |
| Y <sub>m</sub> 495_770 | 91.1             | -4.69            | 28.13            | 28.52    | 0.9157 | -0.0168 | 99.4     | 32 564           | 12 464           |
| G <sub>o</sub> 495_565 | 49.35            | -29.91           | 14.54            | 33.25    | 0.3611 | -0.031  | 154.0    | 25 528           | -1 528c          |
| C <sub>m</sub> 380_565 | 58.24            | -25.22           | -13.59           | 28.65    | 0.5342 | -0.559  | 208.3    | 15 478           | 35 578           |
| B <sub>m</sub> 380_495 | 8.89             | 4.69             | -28.13           | 28.52    | 1.4945 | -3.4884 | 279.4    | 12 460           | 32 563           |
| M <sub>o</sub> 575_475 | 50.64            | 29.91            | -14.54           | 33.25    | 1.5578 | -0.6127 | 334.0    | -1 543c          | 28 543           |
| N <sub>o</sub> 380_770 | 0.09             | 0.0              | 0.0              | 0.01     | 0.9662 | -0.3253 | 83.9     | 6 433            | 32 560           |
| W <sub>o</sub> 380_770 | 99.99            | 0.0              | 0.0              | 0.01     | 0.9672 | -0.3256 | 0.0      | 6 430            | 32 560           |

1-001130-L0

SE740-3N\_2

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for D50,  $Y_w=100$

| Code                   | L* <sub>100</sub> | a* <sub>100</sub> | b* <sub>100</sub> | $C^*_{ab}$ | a'     | b'      | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|------------------------|-------------------|-------------------|-------------------|------------|--------|---------|----------|--------------------|--------------------|
| R <sub>m</sub> 565_770 | 70.7              | 65.59             | 121.9             | 138.43     | 0.2546 | 0.0     | 61.7     | 38 592             | 14 470             |
| Y <sub>m</sub> 495_770 | 96.45             | -8.75             | 121.65            | 121.97     | 0.2127 | -0.0291 | 94.1     | 32 563             | 13 465             |
| G <sub>o</sub> 495_565 | 75.67             | -110.57           | 85.82             | 139.97     | 0.156  | -0.0357 | 142.1    | 25 528             | -1 528c            |
| C <sub>m</sub> 380_565 | 80.88             | -74.94            | -32.96            | 81.88      | 0.1777 | -0.0936 | 203.7    | 15 476             | -1 476c            |
| B <sub>m</sub> 380_495 | 35.8              | 34.81             | -107.5            | 113.0      | 0.2504 | -0.1723 | 287.9    | 12 461             | 30 553             |
| M <sub>o</sub> 575_475 | 76.47             | 68.61             | -37.38            | 78.14      | 0.2539 | -0.0965 | 331.4    | -1 520c            | 24 520             |
| N <sub>o</sub> 380_770 | 0.9               | 0.0               | 0.28              | 0.28       | 0.2166 | -0.0782 | 89.9     | 33 567             | 13 465             |
| W <sub>o</sub> 380_770 | 100.0             | 0.0               | 0.0               | 0.0        | 0.2166 | -0.0782 | 0.0      | -1 465c            | -1 567c            |

1-001130-L0

SE740-5N\_2

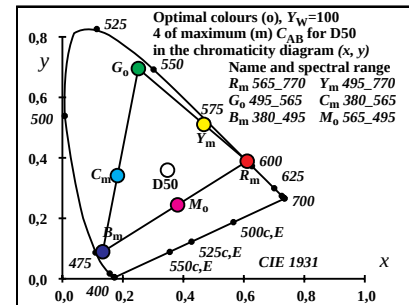
Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for D50,  $Y_w=100$

| CodeD65                | L* <sub>100</sub> | a* <sub>100</sub> | b* <sub>100</sub> | $C^*_{ab}$ | a'     | b'      | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|------------------------|-------------------|-------------------|-------------------|------------|--------|---------|----------|--------------------|--------------------|
| R <sub>m</sub> 565_770 | 70.7              | 65.98             | 135.67            | 150.86     | 0.2547 | 0.0     | 64.0     | 37 589             | 13 469             |
| Y <sub>m</sub> 495_770 | 96.45             | -8.8              | 110.45            | 110.8      | 0.2127 | -0.0291 | 94.5     | 32 563             | 12 464             |
| G <sub>o</sub> 495_565 | 75.67             | -111.25           | 77.93             | 135.83     | 0.156  | -0.0357 | 144.9    | 25 525             | -1 525c            |
| C <sub>m</sub> 380_565 | 80.88             | -75.4             | -29.92            | 81.12      | 0.1777 | -0.0936 | 201.6    | 15 477             | -1 477c            |
| B <sub>m</sub> 380_495 | 35.8              | 35.04             | -97.59            | 103.69     | 0.2504 | -0.1723 | 289.7    | 12 461             | 30 552             |
| M <sub>o</sub> 575_475 | 76.47             | 69.02             | -33.93            | 76.91      | 0.2539 | -0.0965 | 333.8    | -1 517c            | 23 517             |
| N <sub>o</sub> 380_770 | 0.9               | -0.01             | 0.0               | 0.01       | 0.2166 | -0.0782 | 160.1    | 22 511             | -1 511c            |
| W <sub>o</sub> 380_770 | 100.0             | 0.0               | 0.0               | 0.0        | 0.2166 | -0.0782 | 0.0      | -1 517c            | -1 511c            |

1-001130-L0

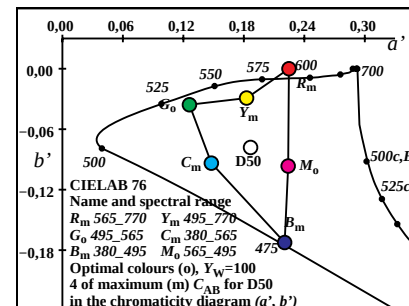
SE740-7N\_2

TUB-test chart SE74; RYCB: 4 maximum colours  
XYZ, YABCh, LabCh\* data; 2° and 10°, Y<sub>n</sub>=100



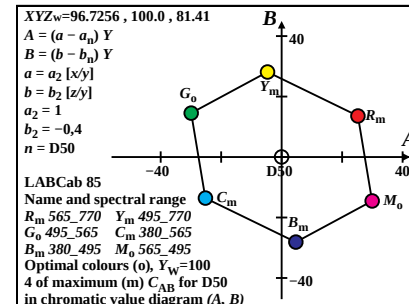
1-001130-L0

SE741-1N\_2



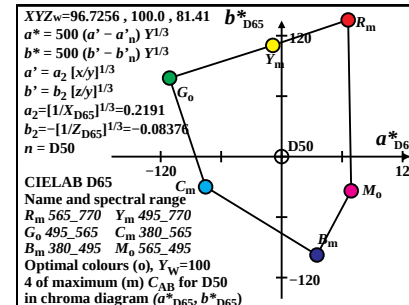
1-001130-L0

SE741-3N\_2



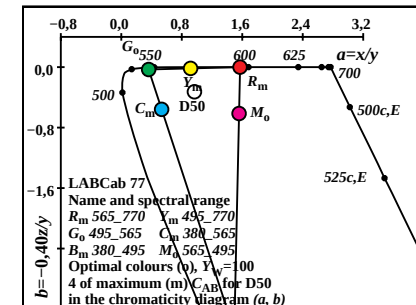
1-001130-L0

SE741-5N\_2



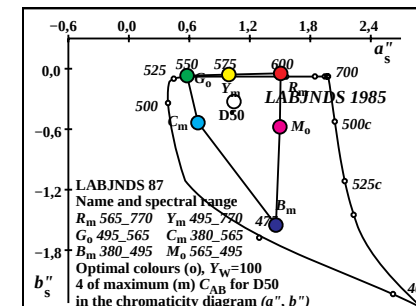
1-001130-L0

SE741-7N\_2



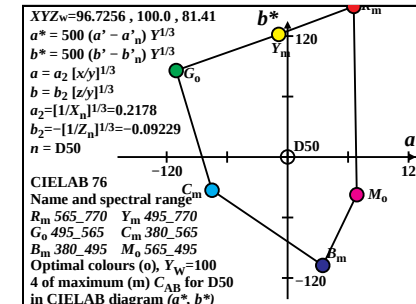
1-001130-L0

SE741-2N\_2



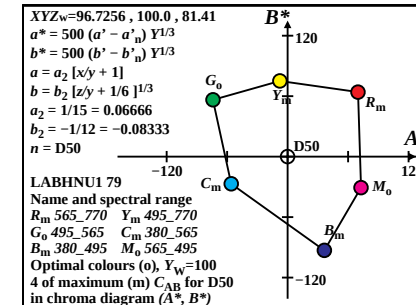
1-001130-L0

SE741-4N\_2



1-001130-L0

SE741-6N\_2



1-001130-L0

SE741-8N\_2

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

Optimal colours (o) RYGBM of maximum (m) C<sub>AB</sub> for P40, Y<sub>w,10</sub>=100

| Code                   | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> |
|------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|
| R <sub>m</sub> 565_770 | 74.04            | 46.55            | 0.0              | 0.614  | 0.3859 | 0.0    | 2.5             | 38 590                          | 16 481                          |
| Y <sub>m</sub> 495_770 | 91.27            | 92.87            | 3.37             | 0.4867 | 0.4952 | 0.018  | 48.8            | 33 567                          | 12 461                          |
| G <sub>o</sub> 495_565 | 17.23            | 46.32            | 3.37             | 0.2574 | 0.692  | 0.0504 | 111.5           | 25 528                          | -1 528c                         |
| C <sub>m</sub> 380_565 | 27.7             | 53.44            | 64.44            | 0.1902 | 0.367  | 0.4426 | 182.5           | 16 481                          | 38 590                          |
| B <sub>m</sub> 380_495 | 10.47            | 7.12             | 61.06            | 0.1331 | 0.0905 | 0.7762 | 228.8           | 12 461                          | 33 567                          |
| M <sub>o</sub> 575_475 | 84.52            | 53.67            | 61.06            | 0.4241 | 0.2693 | 0.3064 | 291.5           | -1 528c                         | 25 528                          |
| N <sub>o</sub> 380_770 | 0.1              | 0.1              | 0.06             | 0.3822 | 0.3756 | 0.2421 | 0.0             | 20 501                          | -1 501c                         |
| W <sub>o</sub> 380_770 | 101.75           | 100.0            | 64.44            | 0.3822 | 0.3756 | 0.2421 | 0.0             | -1 528c                         | -1 501c                         |

1-001230-L0

SE740-1N\_3

Optimal colours (o) RYGBM of maximum (m) C<sub>AB</sub> for P40, Y<sub>w,10</sub>=100

| Code                   | 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> |
|------------------------|------------------|------------------|------------------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|
| R <sub>m</sub> 565_770 | 46.55            | 26.68            | 12.0             | 29.25           | 1.5906 | 0.0     | 24.2            | 38 590                          | 17 489                          |
| Y <sub>m</sub> 495_770 | 92.87            | -3.22            | 22.58            | 22.81           | 0.9828 | -0.0145 | 98.1            | 33 567                          | -1 567c                         |
| G <sub>o</sub> 495_565 | 46.32            | -29.9            | 10.58            | 31.72           | 0.3719 | -0.0291 | 160.4           | 24 524                          | -1 524c                         |
| C <sub>m</sub> 380_565 | 53.44            | -26.68           | -12.0            | 29.25           | 0.5183 | -0.4823 | 204.2           | 16 480                          | 35 576                          |
| B <sub>m</sub> 380_495 | 7.12             | 3.22             | -22.58           | 22.81           | 1.4696 | -3.428  | 278.1           | 12 461                          | 33 569                          |
| M <sub>o</sub> 575_475 | 53.67            | 29.9             | -10.58           | 31.72           | 1.5746 | -0.455  | 340.4           | -1 561c                         | 32 561                          |
| N <sub>o</sub> 380_770 | 0.1              | 0.0              | 0.0              | 0.01            | 1.0164 | -0.2575 | 93.5            | 13 468                          | 34 570                          |
| W <sub>o</sub> 380_770 | 100.0            | 0.0              | 0.0              | 0.01            | 1.0175 | -0.2577 | 0.0             | 13 467                          | 34 570                          |

1-001230-L0

SE740-3N\_3

Optimal colours (o) RYGBM of maximum (m) C<sub>AB</sub> for P40, Y<sub>w,10</sub>=100

| Code                   | 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> |
|------------------------|-------------------|-------------------|-------------------|------------------|--------|---------|-----------------|----------------------------------|----------------------------------|
| R <sub>m</sub> 565_770 | 73.9              | 62.22             | 127.42            | 141.8            | 0.2557 | 0.0     | 63.9            | 38 590                           | 13 469                           |
| Y <sub>m</sub> 495_770 | 97.18             | -5.6              | 120.22            | 120.36           | 0.2178 | -0.0277 | 92.6            | 33 567                           | 12 464                           |
| G <sub>o</sub> 495_565 | 73.76             | -110.22           | 79.85             | 136.1            | 0.1575 | -0.0349 | 144.0           | 26 530                           | -1 530c                          |
| C <sub>m</sub> 380_565 | 78.14             | -81.69            | -37.68            | 89.96            | 0.1759 | -0.0891 | 204.7           | 15 477                           | -1 477c                          |
| B <sub>m</sub> 380_495 | 32.11             | 27.0              | -113.49           | 116.66           | 0.249  | -0.1713 | 283.3           | 12 462                           | 31 559                           |
| M <sub>o</sub> 575_475 | 78.27             | 63.65             | -33.89            | 72.12            | 0.2548 | -0.0874 | 331.9           | -1 523c                          | 24 523                           |
| N <sub>o</sub> 380_770 | 0.9               | 0.0               | 0.55              | 0.55             | 0.2203 | -0.0723 | 89.9            | 33 569                           | 13 465                           |
| W <sub>o</sub> 380_770 | 100.0             | 0.0               | 0.0               | 0.0              | 0.2203 | -0.0723 | 0.0             | -1 465c                          | -1 569c                          |

1-001230-L0

SE740-5N\_3

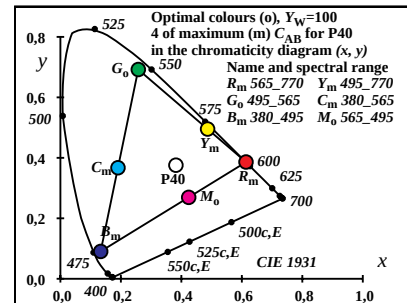
Optimal colours (o) RYGBM of maximum (m) C<sub>AB</sub> for P40, Y<sub>w,10</sub>=100

| CodeD65                | 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> |
|------------------------|-------------------|-------------------|-------------------|------------------|--------|---------|-----------------|----------------------------------|----------------------------------|
| R <sub>m</sub> 565_770 | 73.9              | 63.66             | 130.14            | 144.87           | 0.2557 | 0.0     | 63.9            | 38 590                           | 13 469                           |
| Y <sub>m</sub> 495_770 | 97.18             | -5.73             | 100.97            | 101.14           | 0.2178 | -0.0277 | 93.2            | 33 566                           | 12 464                           |
| G <sub>o</sub> 495_565 | 73.76             | -112.78           | 67.07             | 131.22           | 0.1575 | -0.035  | 149.2           | 25 525                           | -1 525c                          |
| C <sub>m</sub> 380_565 | 78.14             | -83.58            | -31.64            | 89.37            | 0.176  | -0.0891 | 200.7           | 15 478                           | -1 478c                          |
| B <sub>m</sub> 380_495 | 32.11             | 27.64             | -95.31            | 99.24            | 0.249  | -0.1713 | 286.1           | 12 461                           | 31 557                           |
| M <sub>o</sub> 575_475 | 78.27             | 65.12             | -28.46            | 71.07            | 0.2548 | -0.0874 | 336.3           | -1 519c                          | 23 519                           |
| N <sub>o</sub> 380_770 | 0.9               | -0.01             | 0.0               | 0.01             | 0.2203 | -0.0723 | 161.8           | 22 513                           | -1 513c                          |
| W <sub>o</sub> 380_770 | 100.0             | 0.0               | 0.0               | 0.0              | 0.2203 | -0.0723 | 0.0             | -1 519c                          | -1 513c                          |

1-001230-L0

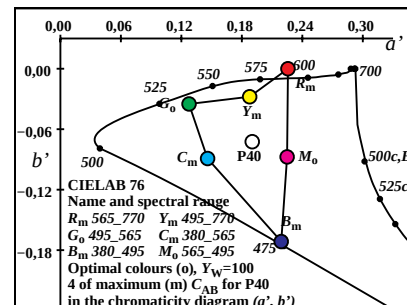
SE740-7N\_3

TUB-test chart SE74; RYCB: 4 maximum colours  
XYZ, YABCh, LabCh\* data; 2° and 10°, Y<sub>n</sub>=100



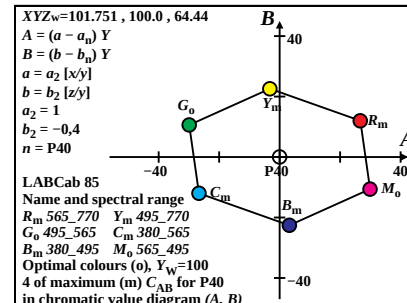
1-001230-L0

SE741-1N\_3



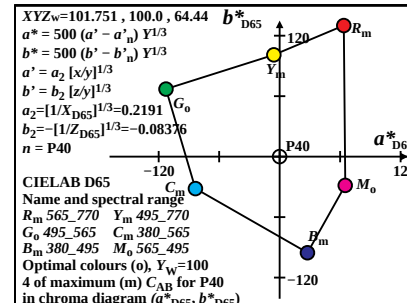
1-001230-L0

SE741-3N\_3



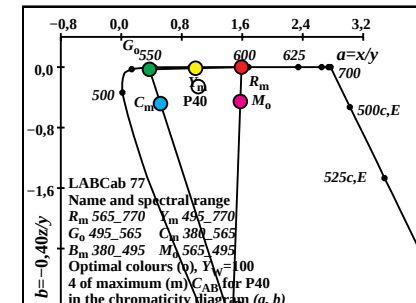
1-001230-L0

SE741-5N\_3



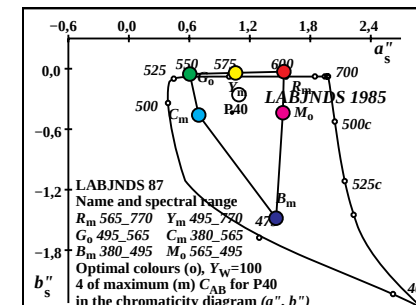
1-001230-L0

SE741-7N\_3



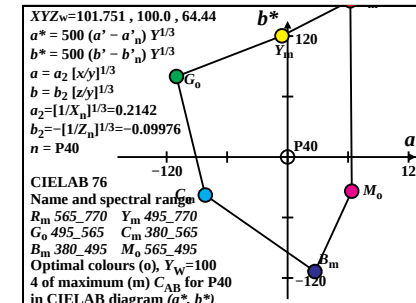
1-001230-L0

SE741-2N\_3



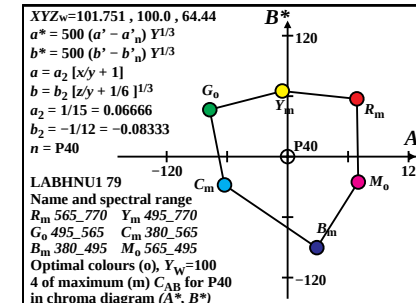
1-001230-L0

SE741-4N\_3



1-001230-L0

SE741-6N\_3



1-001230-L0

SE741-8N\_3

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

**Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for A00,  $Y_w=100$**

| Code          | $X_{100}$ | $Y_{100}$ | $Z_{100}$ | $x$    | $y$    | $z$    | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|---------------|-----------|-----------|-----------|--------|--------|--------|----------|------------------|------------------|
| $R_m$ 565_770 | 89.59     | 54.59     | 0.0       | 0.6213 | 0.3786 | 0.0    | 350.9    | 38 592           | 17 486           |
| $Y_m$ 495_770 | 105.72    | 95.57     | 2.58      | 0.5185 | 0.4687 | 0.0126 | 42.9     | 34 572           | 12 463           |
| $G_o$ 495_565 | 16.13     | 40.97     | 2.58      | 0.2702 | 0.6863 | 0.0433 | 122.8    | 25 527           | -1 527c          |
| $C_m$ 380_565 | 21.55     | 45.4      | 35.19     | 0.211  | 0.4444 | 0.3445 | 170.8    | 17 486           | 38 592           |
| $B_m$ 380_495 | 5.42      | 4.42      | 32.61     | 0.1276 | 0.1041 | 0.7681 | 223.0    | 12 463           | 34 572           |
| $M_o$ 575_475 | 95.01     | 59.02     | 32.61     | 0.509  | 0.3162 | 0.1747 | 302.8    | -1 527c          | 25 527           |
| $N_o$ 380_770 | 0.11      | 0.1       | 0.03      | 0.4511 | 0.4059 | 0.1428 | 0.0      | 26 532           | -1 532c          |
| $W_o$ 380_770 | 111.15    | 99.99     | 35.19     | 0.4511 | 0.4059 | 0.1428 | 0.0      | -1 527c          | -1 532c          |

**Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for A00,  $Y_w=100$**

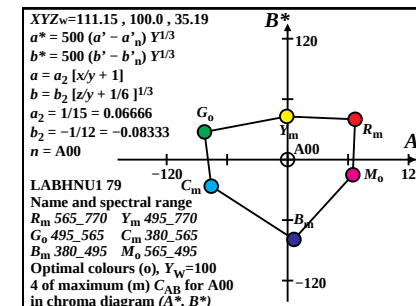
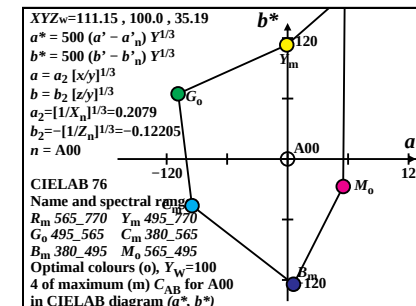
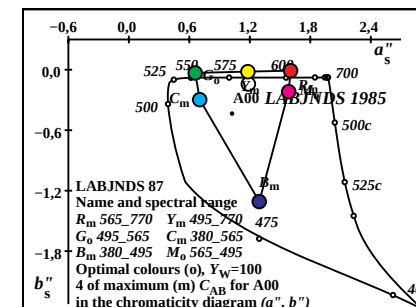
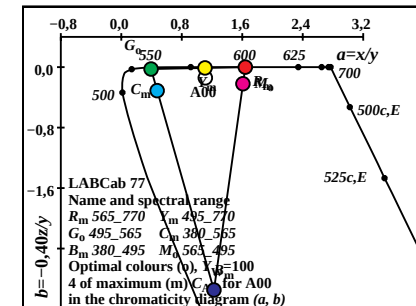
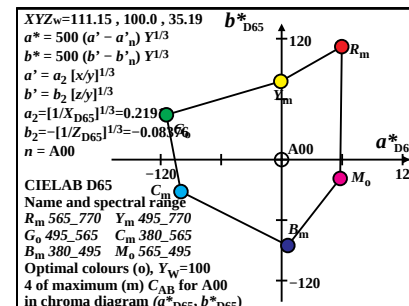
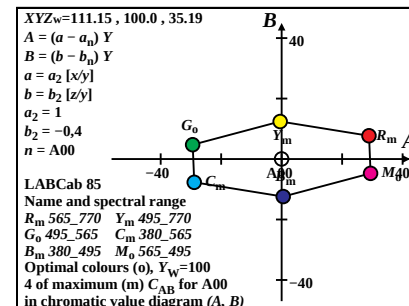
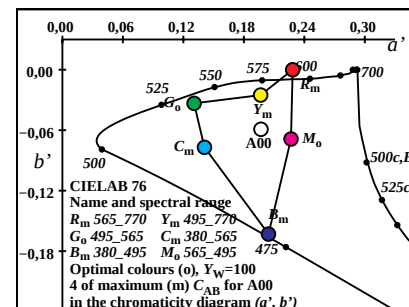
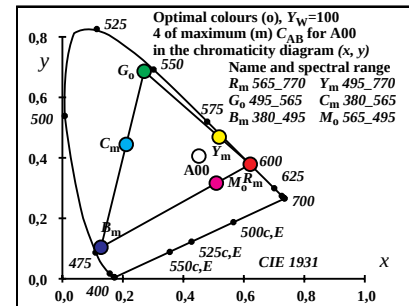
| Code          | $Y_{100}$ | $A_{100}$ | $B_{100}$ | $C_{AB}$ | $a$    | $b$     | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|---------------|-----------|-----------|-----------|----------|--------|---------|----------|------------------|------------------|
| $R_m$ 565_770 | 54.59     | 28.9      | 7.68      | 29.9     | 1.6408 | 0.0     | 14.8     | -1 592c          | 38 592           |
| $Y_m$ 495_770 | 95.57     | -0.5      | 12.42     | 12.43    | 1.1062 | -0.0108 | 92.3     | 15 477           | 34 573           |
| $G_o$ 495_565 | 40.97     | -29.4     | 4.73      | 29.78    | 0.3938 | -0.0252 | 170.8    | 20 503           | 28 544           |
| $C_m$ 380_565 | 45.4      | -28.9     | -7.68     | 29.9     | 0.4748 | -0.3101 | 194.8    | 16 483           | 33 569           |
| $B_m$ 380_495 | 4.42      | 0.5       | -12.42    | 12.43    | 1.2256 | -2.949  | 272.3    | 12 463           | 35 577           |
| $M_o$ 575_475 | 59.02     | 29.4      | -4.73     | 29.78    | 1.6097 | -0.221  | 350.8    | -1 582c          | 36 582           |
| $N_o$ 380_770 | 0.1       | 0.0       | 0.0       | 0.01     | 1.1103 | -0.1406 | 127.9    | 14 471           | 35 575           |
| $W_o$ 380_770 | 99.99     | 0.0       | 0.0       | 0.01     | 1.1115 | -0.1407 | 0.0      | 14 471           | 35 575           |

**Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for A00,  $Y_w=100$**

| Code          | $L^*_{100}$ | $a^*_{100}$ | $b^*_{100}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|---------------|-------------|-------------|-------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_m$ 565_770 | 78.81       | 56.65       | 135.88      | 147.22     | 0.2584 | 0.0     | 67.3     | 37 587             | 13 469             |
| $Y_m$ 495_770 | 98.26       | -0.78       | 113.17      | 113.18     | 0.2265 | -0.0251 | 90.3     | 34 572             | 12 464             |
| $G_o$ 495_565 | 70.16       | -108.55     | 64.72       | 126.38     | 0.1605 | -0.0333 | 149.1    | 27 535             | -1 535c            |
| $C_m$ 380_565 | 73.16       | -94.83      | -46.28      | 105.52     | 0.1709 | -0.0769 | 206.0    | 15 478             | -1 478c            |
| $B_m$ 380_495 | 25.05       | 5.84        | -124.19     | 124.33     | 0.2344 | -0.1629 | 272.6    | 12 463             | 34 571             |
| $M_o$ 575_475 | 81.3        | 55.1        | -27.2       | 61.45      | 0.2567 | -0.0687 | 333.7    | -1 531c            | 26 531             |
| $N_o$ 380_770 | 0.9         | 0.0         | 1.0         | 1.0        | 0.2269 | -0.0591 | 89.9     | 34 572             | 12 464             |
| $W_o$ 380_770 | 100.0       | 0.0         | 0.0         | 0.0        | 0.2269 | -0.0591 | 0.0      | -1 464c            | -1 572c            |

**Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for A00,  $Y_w=100$**

| CodeD65       | $L^*_{100}$ | $a^*_{100}$ | $b^*_{100}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|---------------|-------------|-------------|-------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_m$ 565_770 | 78.81       | 59.69       | 112.18      | 127.08     | 0.2584 | 0.0     | 61.9     | 38 592             | 14 470             |
| $Y_m$ 495_770 | 98.26       | -0.82       | 77.69       | 77.7       | 0.2266 | -0.0251 | 90.6     | 34 572             | 12 464             |
| $G_o$ 495_565 | 70.16       | -114.4      | 44.44       | 122.73     | 0.1606 | -0.0333 | 158.7    | 25 525             | -1 525c            |
| $C_m$ 380_565 | 73.16       | -99.94      | -31.76      | 104.86     | 0.1709 | -0.0769 | 197.6    | 16 481             | -1 481c            |
| $B_m$ 380_495 | 25.05       | 6.16        | -85.26      | 85.48      | 0.2344 | -0.1629 | 274.1    | 12 463             | 34 570             |
| $M_o$ 575_475 | 81.3        | 58.06       | -18.67      | 60.99      | 0.2567 | -0.0687 | 342.1    | -1 522c            | 24 522             |
| $N_o$ 380_770 | 0.9         | -0.01       | 0.0         | 0.01       | 0.2269 | -0.0591 | 165.3    | 23 518             | -1 518c            |
| $W_o$ 380_770 | 100.0       | 0.0         | 0.0         | 0.0        | 0.2269 | -0.0591 | 0.0      | -1 522c            | -1 518c            |



Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for E00,  $Y_{w,10}=100$

| Code                   | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|------------------|------------------|------------------|--------|--------|--------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 65.75            | 41.85            | 0.0              | 0.611  | 0.3889 | 0.0    | 11.3     | 37 589           | 15 477           |
| Y <sub>m</sub> 495_770 | 83.06            | 90.24            | 3.87             | 0.4688 | 0.5093 | 0.0218 | 52.3     | 32 564           | 11 458           |
| G <sub>o</sub> 495_565 | 17.3             | 48.38            | 3.87             | 0.2487 | 0.6954 | 0.0557 | 103.1    | 25 529           | -1 529c          |
| C <sub>m</sub> 380_565 | 34.23            | 58.14            | 100.0            | 0.1779 | 0.3022 | 0.5198 | 191.3    | 15 477           | 37 589           |
| B <sub>m</sub> 380_495 | 16.92            | 9.75             | 96.13            | 0.1377 | 0.0794 | 0.7827 | 232.4    | 11 458           | 32 564           |
| M <sub>o</sub> 575_475 | 82.68            | 51.61            | 96.13            | 0.3588 | 0.2239 | 0.4171 | 283.1    | -1 529c          | 25 529           |
| N <sub>o</sub> 380_770 | 0.09             | 0.09             | 0.1              | 0.3333 | 0.3333 | 0.3333 | 0.0      | 18 494           | -1 494c          |
| W <sub>o</sub> 380_770 | 99.99            | 99.99            | 100.0            | 0.3333 | 0.3333 | 0.3333 | 0.0      | -1 529c          | -1 494c          |

1-001430-L0

SE740-1N\_5

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for E00,  $Y_{w,10}=100$

| Code                   | Y <sub>100</sub> | A <sub>100</sub> | B <sub>100</sub> | $C_{AB}$ | a      | b       | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|------------------|------------------|------------------|----------|--------|---------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 41.85            | 23.9             | 16.74            | 29.18    | 1.5711 | 0.0     | 35.0     | 37 589           | 15 477           |
| Y <sub>m</sub> 495_770 | 90.24            | -7.16            | 34.54            | 35.28    | 0.9204 | -0.0171 | 101.7    | 32 564           | 11 458           |
| G <sub>o</sub> 495_565 | 48.38            | -31.07           | 17.8             | 35.81    | 0.3577 | -0.032  | 150.1    | 25 529           | -1 529c          |
| C <sub>m</sub> 380_565 | 58.14            | -23.9            | -16.74           | 29.18    | 0.5887 | -0.6879 | 215.0    | 15 477           | 37 589           |
| B <sub>m</sub> 380_495 | 9.75             | 7.16             | -34.54           | 35.28    | 1.7342 | -3.9405 | 281.7    | 11 458           | 32 564           |
| M <sub>o</sub> 575_475 | 51.61            | 31.07            | -17.8            | 35.81    | 1.602  | -0.745  | 330.1    | -1 529c          | 25 529           |
| N <sub>o</sub> 380_770 | 0.09             | 0.0              | 0.0              | 0.01     | 0.9989 | -0.3996 | 89.7     | 24 520           | -1 520c          |
| W <sub>o</sub> 380_770 | 99.99            | 0.0              | 0.0              | 0.01     | 0.9999 | -0.4    | 0.0      | 40 604           | 15 479           |

1-001430-L0

SE740-3N\_5

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for E00,  $Y_{w,10}=100$

| Code                   | L* <sub>100</sub> | a* <sub>100</sub> | b* <sub>100</sub> | $C^*_{ab}$ | a'     | b'      | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|------------------------|-------------------|-------------------|-------------------|------------|--------|---------|----------|--------------------|--------------------|
| R <sub>m</sub> 565_770 | 70.77             | 60.79             | 122.02            | 136.33     | 0.2546 | 0.0     | 63.5     | 38 594             | 13 469             |
| Y <sub>m</sub> 495_770 | 96.1              | -13.14            | 125.53            | 126.21     | 0.2131 | -0.0293 | 95.9     | 32 563             | 12 464             |
| G <sub>o</sub> 495_565 | 75.07             | -113.85           | 89.27             | 144.68     | 0.1555 | -0.0361 | 141.8    | 25 526             | -1 526c            |
| C <sub>m</sub> 380_565 | 80.82             | -67.53            | -33.06            | 75.19      | 0.1836 | -0.1003 | 206.0    | 15 475             | -1 475c            |
| B <sub>m</sub> 380_495 | 37.42             | 46.35             | -105.27           | 115.03     | 0.2631 | -0.1794 | 293.7    | 11 459             | 29 549             |
| M <sub>o</sub> 575_475 | 77.05             | 68.22             | -36.95            | 77.59      | 0.2563 | -0.103  | 331.5    | -1 518c            | 23 518             |
| N <sub>o</sub> 380_770 | 0.9               | 0.0               | 0.0               | 0.0        | 0.219  | -0.0837 | 270.3    | 13 465             | 33 568             |
| W <sub>o</sub> 380_770 | 100.0             | 0.0               | 0.0               | 0.0        | 0.219  | -0.0837 | 0.0      | -1 568c            | -1 465c            |

1-001430-L0

SE740-5N\_5

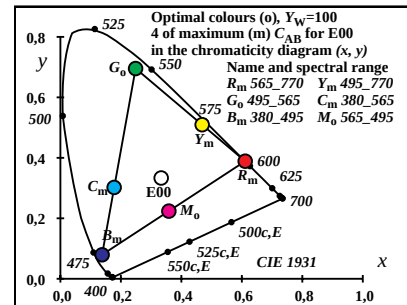
Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for E00,  $Y_{w,10}=100$

| CodeD65                | L* <sub>100</sub> | a* <sub>100</sub> | b* <sub>100</sub> | $C^*_{ab}$ | a'     | b'      | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|------------------------|-------------------|-------------------|-------------------|------------|--------|---------|----------|--------------------|--------------------|
| R <sub>m</sub> 565_770 | 70.77             | 61.84             | 145.42            | 158.02     | 0.2547 | 0.0     | 66.9     | 37 589             | 13 468             |
| Y <sub>m</sub> 495_770 | 96.1              | -13.37            | 122.07            | 122.8      | 0.2131 | -0.0293 | 96.2     | 32 563             | 12 464             |
| G <sub>o</sub> 495_565 | 75.07             | -115.82           | 86.82             | 144.75     | 0.1555 | -0.0361 | 143.1    | 25 525             | -1 525c            |
| C <sub>m</sub> 380_565 | 80.82             | -68.7             | -32.14            | 75.84      | 0.1836 | -0.1003 | 205.0    | 15 475             | -1 475c            |
| B <sub>m</sub> 380_495 | 37.42             | 47.17             | -102.35           | 112.7      | 0.2631 | -0.1794 | 294.7    | 11 459             | 29 549             |
| M <sub>o</sub> 575_475 | 77.05             | 69.39             | -35.92            | 78.14      | 0.2563 | -0.103  | 332.6    | -1 517c            | 23 517             |
| N <sub>o</sub> 380_770 | 0.9               | -0.01             | 0.0               | 0.01       | 0.219  | -0.0837 | 159.0    | 22 510             | -1 510c            |
| W <sub>o</sub> 380_770 | 100.0             | 0.0               | 0.0               | 0.0        | 0.219  | -0.0837 | 0.0      | -1 517c            | -1 510c            |

1-001430-L0

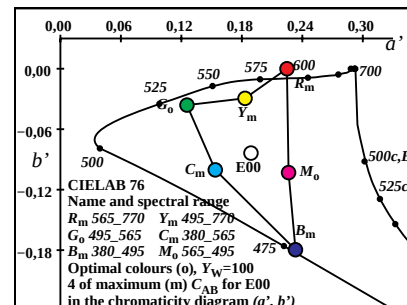
SE740-7N\_5

TUB-test chart SE74; RYCB: 4 maximum colours  
XYZ, YABCh, LabCh\* data; 2° and 10°, Y<sub>n</sub>=100



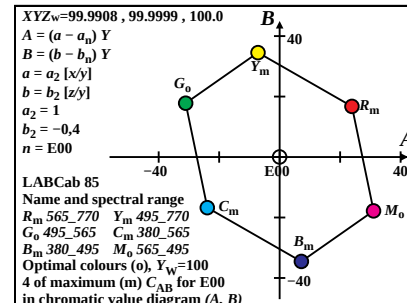
1-001430-L0

SE741-1N\_5



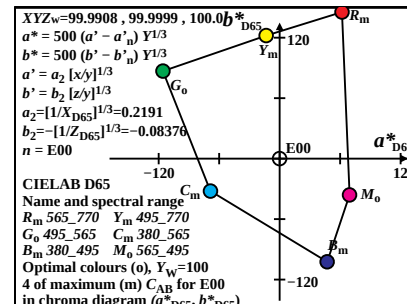
1-001430-L0

SE741-3N\_5



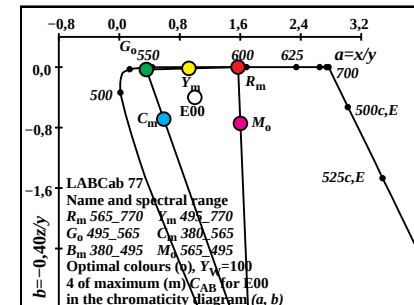
1-001430-L0

SE741-5N\_5



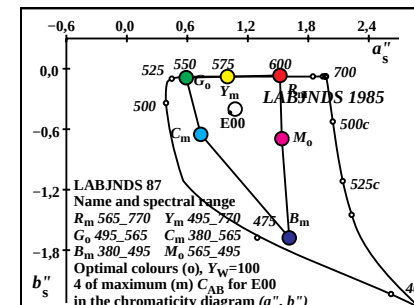
1-001430-L0

SE741-7N\_5



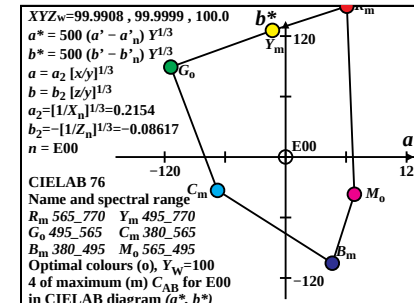
1-001430-L0

SE741-2N\_5



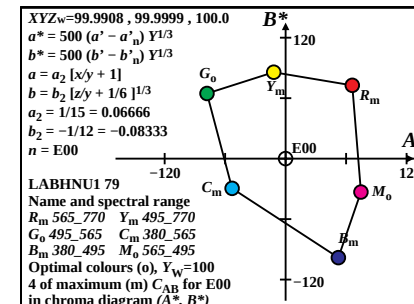
1-001430-L0

SE741-4N\_5



1-001430-L0

SE741-6N\_5



1-001430-L0

SE741-8N\_5

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for C00,  $Y_w=100$

| Code                   | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|------------------|------------------|------------------|--------|--------|--------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 60.01            | 38.91            | 0.0              | 0.6066 | 0.3933 | 0.0    | 14.0     | 37 588           | 15 476           |
| Y <sub>m</sub> 495_770 | 77.75            | 88.26            | 4.11             | 0.457  | 0.5188 | 0.0241 | 53.7     | 32 563           | 11 459           |
| G <sub>o</sub> 495_565 | 17.74            | 49.34            | 4.11             | 0.2491 | 0.693  | 0.0577 | 99.2     | 25 529           | -1 529c          |
| C <sub>m</sub> 380_565 | 37.27            | 61.08            | 116.14           | 0.1737 | 0.2847 | 0.5414 | 194.0    | 15 476           | 37 588           |
| B <sub>m</sub> 380_495 | 19.53            | 11.73            | 112.03           | 0.1363 | 0.0819 | 0.7817 | 233.7    | 11 459           | 32 563           |
| M <sub>o</sub> 575_475 | 79.54            | 50.65            | 112.03           | 0.3283 | 0.2091 | 0.4624 | 279.3    | -1 529c          | 25 529           |
| N <sub>o</sub> 380_770 | 0.09             | 0.1              | 0.11             | 0.3103 | 0.319  | 0.3705 | 0.0      | 18 494           | -1 494c          |
| W <sub>o</sub> 380_770 | 97.28            | 99.99            | 116.14           | 0.3103 | 0.319  | 0.3705 | 0.0      | -1 529c          | -1 494c          |

1-001530-L0

SE740-1N\_6

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for C00,  $Y_w=100$

| Code                   | Y <sub>100</sub> | A <sub>100</sub> | B <sub>100</sub> | $C_{AB}$ | a      | b       | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|------------------|------------------|------------------|----------|--------|---------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 38.91            | 22.14            | 18.07            | 28.59    | 1.542  | 0.0     | 39.2     | 37 588           | 15 475           |
| Y <sub>m</sub> 495_770 | 88.26            | -8.11            | 39.35            | 40.18    | 0.8809 | -0.0186 | 101.6    | 32 563           | 12 462           |
| G <sub>o</sub> 495_565 | 49.34            | -30.26           | 21.27            | 36.99    | 0.3595 | -0.0333 | 144.8    | 26 530           | -1 530c          |
| C <sub>m</sub> 380_565 | 61.08            | -22.14           | -18.07           | 28.59    | 0.6102 | -0.7605 | 219.2    | 15 476           | 39 595           |
| B <sub>m</sub> 380_495 | 11.73            | 8.11             | -39.35           | 40.18    | 1.6642 | -3.8176 | 281.6    | 11 459           | 32 561           |
| M <sub>o</sub> 575_475 | 50.65            | 30.26            | -21.27           | 36.99    | 1.5703 | -0.8846 | 324.8    | -1 509c          | 21 509           |
| N <sub>o</sub> 380_770 | 0.1              | 0.0              | 0.0              | 0.01     | 0.9718 | -0.4641 | 86.4     | 34 574           | 14 471           |
| W <sub>o</sub> 380_770 | 99.99            | 0.0              | 0.0              | 0.01     | 0.9728 | -0.4645 | 0.0      | 35 575           | 14 471           |

1-001530-L0

SE740-3N\_6

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for C00,  $Y_w=100$

| Code                   | L* <sub>100</sub> | a* <sub>100</sub> | b* <sub>100</sub> | $C^*_{ab}$ | a'     | b'      | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|------------------------|-------------------|-------------------|-------------------|------------|--------|---------|----------|--------------------|--------------------|
| R <sub>m</sub> 565_770 | 68.69             | 60.57             | 118.44            | 133.03     | 0.2531 | 0.0     | 62.9     | 39 595             | 13 469             |
| Y <sub>m</sub> 495_770 | 95.27             | -15.61            | 126.11            | 127.07     | 0.21   | -0.0301 | 97.0     | 32 561             | 12 464             |
| G <sub>o</sub> 495_565 | 75.67             | -111.55           | 92.31             | 144.79     | 0.1557 | -0.0365 | 140.3    | 25 525             | -1 525c            |
| C <sub>m</sub> 380_565 | 82.42             | -61.07            | -30.3             | 68.17      | 0.1858 | -0.1037 | 206.3    | 14 474             | -1 474c            |
| B <sub>m</sub> 380_495 | 40.81             | 47.95             | -99.66            | 110.6      | 0.2595 | -0.1775 | 295.6    | 11 459             | 29 546             |
| M <sub>o</sub> 575_475 | 76.47             | 68.96             | -38.17            | 78.82      | 0.2546 | -0.1091 | 331.0    | -1 516c            | 23 516             |
| N <sub>o</sub> 380_770 | 0.9               | 0.0               | -0.25             | 0.25       | 0.217  | -0.088  | 270.0    | 13 465             | 33 567             |
| W <sub>o</sub> 380_770 | 100.0             | 0.0               | 0.0               | 0.0        | 0.217  | -0.088  | 0.0      | -1 567c            | -1 465c            |

1-001530-L0

SE740-5N\_6

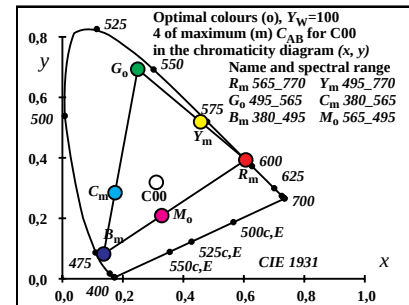
Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for C00,  $Y_w=100$

| CodeD65                | L* <sub>100</sub> | a* <sub>100</sub> | b* <sub>100</sub> | $C^*_{ab}$ | a'     | b'      | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|------------------------|-------------------|-------------------|-------------------|------------|--------|---------|----------|--------------------|--------------------|
| R <sub>m</sub> 565_770 | 68.69             | 61.05             | 149.19            | 161.2      | 0.2531 | 0.0     | 67.7     | 37 588             | 13 468             |
| Y <sub>m</sub> 495_770 | 95.27             | -15.73            | 128.91            | 129.87     | 0.21   | -0.0301 | 96.9     | 32 561             | 12 464             |
| G <sub>o</sub> 495_565 | 75.67             | -112.44           | 94.37             | 146.8      | 0.1558 | -0.0365 | 139.9    | 25 526             | 1 408              |
| C <sub>m</sub> 380_565 | 82.42             | -61.55            | -30.96            | 68.9       | 0.1858 | -0.1037 | 206.7    | 14 474             | -1 474c            |
| B <sub>m</sub> 380_495 | 40.81             | 48.35             | -101.85           | 112.74     | 0.2595 | -0.1776 | 295.3    | 11 459             | 29 546             |
| M <sub>o</sub> 575_475 | 76.47             | 69.51             | -39.01            | 79.7       | 0.2546 | -0.1091 | 330.6    | -1 516c            | 23 516             |
| N <sub>o</sub> 380_770 | 0.9               | -0.01             | 0.0               | 0.01       | 0.2171 | -0.088  | 157.9    | 21 509             | -1 509c            |
| W <sub>o</sub> 380_770 | 100.0             | 0.0               | 0.0               | 0.0        | 0.2171 | -0.088  | 0.0      | -1 516c            | -1 509c            |

1-001530-L0

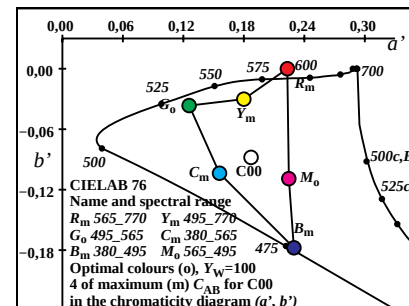
SE740-7N\_6

TUB-test chart SE74; RYCB: 4 maximum colours  
XYZ, YABCh, LabCh\* data; 2° and 10°, Y<sub>n</sub>=100



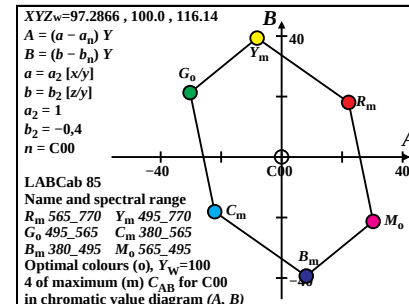
1-001530-L0

SE741-1N\_6



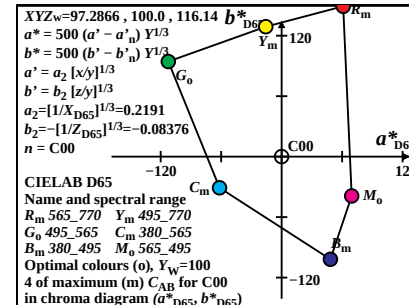
1-001530-L0

SE741-3N\_6



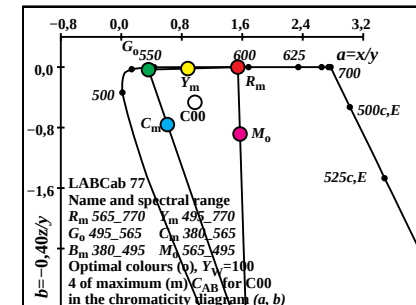
1-001530-L0

SE741-5N\_6



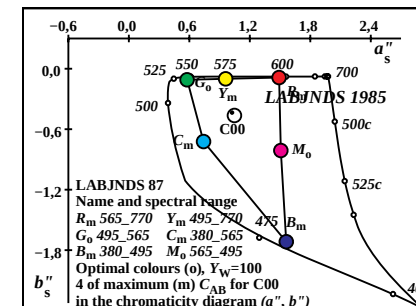
1-001530-L0

SE741-7N\_6



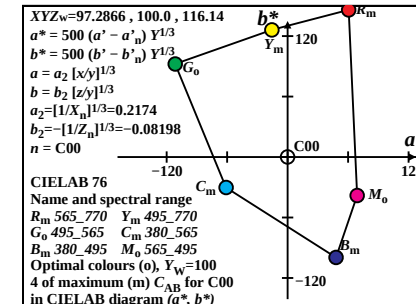
1-001530-L0

SE741-2N\_6



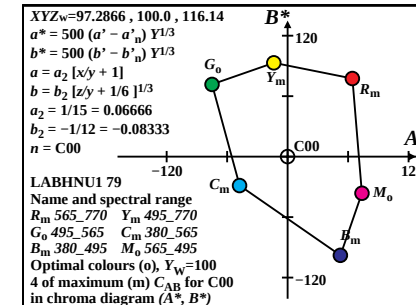
1-001530-L0

SE741-4N\_6



1-001530-L0

SE741-6N\_6



1-001530-L0

SE741-8N\_6

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for P00,  $Y_{w,10}=100$

| Code                   | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|------------------|------------------|------------------|--------|--------|--------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 71.75            | 45.08            | 0.0              | 0.6141 | 0.3858 | 0.0    | 7.4      | 38 590           | 15 479           |
| Y <sub>m</sub> 495_770 | 88.81            | 91.7             | 3.55             | 0.4824 | 0.4982 | 0.0192 | 50.1     | 33 566           | 11 459           |
| G <sub>o</sub> 495_565 | 17.06            | 46.62            | 3.55             | 0.2537 | 0.6934 | 0.0528 | 107.4    | 25 529           | -1 529c          |
| C <sub>m</sub> 380_565 | 30.62            | 54.91            | 81.25            | 0.1835 | 0.3292 | 0.4871 | 187.4    | 15 479           | 38 590           |
| B <sub>m</sub> 380_495 | 13.55            | 8.29             | 77.7             | 0.1362 | 0.0832 | 0.7805 | 230.1    | 11 459           | 33 566           |
| M <sub>o</sub> 575_475 | 85.31            | 53.37            | 77.7             | 0.3942 | 0.2466 | 0.359  | 287.5    | -1 529c          | 25 529           |
| N <sub>o</sub> 380_770 | 0.1              | 0.1              | 0.08             | 0.3609 | 0.3525 | 0.2864 | 0.0      | 37 587           | 15 476           |
| W <sub>o</sub> 380_770 | 102.37           | 99.99            | 81.25            | 0.3609 | 0.3525 | 0.2864 | 0.0      | -1 476c          | -1 587c          |

1-001630-L0

SE740-1N\_7

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for P00,  $Y_{w,10}=100$

| Code                   | Y <sub>100</sub> | A <sub>100</sub> | B <sub>100</sub> | $C_{AB}$ | a      | b       | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|------------------|------------------|------------------|----------|--------|---------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 45.08            | 25.6             | 14.65            | 29.49    | 1.5916 | 0.0     | 29.7     | 38 590           | 16 481           |
| Y <sub>m</sub> 495_770 | 91.7             | -5.07            | 28.38            | 28.83    | 0.9684 | -0.0154 | 100.1    | 33 566           | 9 447            |
| G <sub>o</sub> 495_565 | 46.62            | -30.67           | 13.73            | 33.6     | 0.3659 | -0.0304 | 155.8    | 25 527           | -1 527c          |
| C <sub>m</sub> 380_565 | 54.91            | -25.6            | -14.65           | 29.49    | 0.5575 | -0.5917 | 209.7    | 15 478           | 36 583           |
| B <sub>m</sub> 380_495 | 8.29             | 5.07             | -28.38           | 28.83    | 1.6354 | -3.7489 | 280.1    | 11 459           | 33 568           |
| M <sub>o</sub> 575_475 | 53.37            | 30.67            | -13.73           | 33.6     | 1.5984 | -0.5823 | 335.8    | -1 550c          | 30 550           |
| N <sub>o</sub> 380_770 | 0.1              | 0.0              | 0.0              | 0.01     | 1.0227 | -0.3246 | 93.8     | 14 470           | 34 573           |
| W <sub>o</sub> 380_770 | 99.99            | 0.0              | 0.0              | 0.01     | 1.0237 | -0.325  | 0.0      | 14 470           | 34 573           |

1-001630-L0

SE740-3N\_7

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for P00,  $Y_{w,10}=100$

| Code                   | L* <sub>100</sub> | a* <sub>100</sub> | b* <sub>100</sub> | $C^*_{ab}$ | a'     | b'      | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|------------------------|-------------------|-------------------|-------------------|------------|--------|---------|----------|--------------------|--------------------|
| R <sub>m</sub> 565_770 | 72.95             | 60.74             | 125.77            | 139.67     | 0.2557 | 0.0     | 64.2     | 38 592             | 13 469             |
| Y <sub>m</sub> 495_770 | 96.7              | -8.9              | 123.81            | 124.13     | 0.2167 | -0.0283 | 94.1     | 33 566             | 12 464             |
| G <sub>o</sub> 495_565 | 73.95             | -112.52           | 84.59             | 140.77     | 0.1567 | -0.0355 | 143.0    | 25 528             | -1 528c            |
| C <sub>m</sub> 380_565 | 79.0              | -75.05            | -36.21            | 83.33      | 0.1803 | -0.0954 | 205.7    | 15 476             | -1 476c            |
| B <sub>m</sub> 380_495 | 34.6              | 36.82             | -109.8            | 115.81     | 0.258  | -0.1765 | 288.5    | 12 460             | 30 554             |
| M <sub>o</sub> 575_475 | 78.09             | 64.93             | -34.8             | 73.67      | 0.2561 | -0.0949 | 331.8    | -1 520c            | 24 520             |
| N <sub>o</sub> 380_770 | 0.9               | 0.0               | 0.29              | 0.29       | 0.2208 | -0.0781 | 89.9     | 33 569             | 13 465             |
| W <sub>o</sub> 380_770 | 100.0             | 0.0               | 0.0               | 0.0        | 0.2208 | -0.0781 | 0.0      | -1 465c            | -1 569c            |

1-001630-L0

SE740-5N\_7

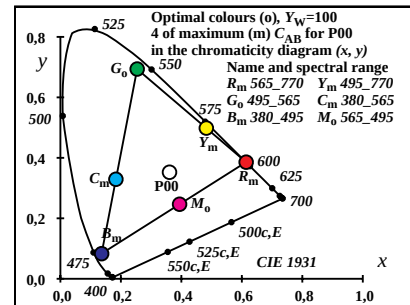
Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for P00,  $Y_{w,10}=100$

| CodeD65                | L* <sub>100</sub> | a* <sub>100</sub> | b* <sub>100</sub> | $C^*_{ab}$ | a'     | b'      | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|------------------------|-------------------|-------------------|-------------------|------------|--------|---------|----------|--------------------|--------------------|
| R <sub>m</sub> 565_770 | 72.95             | 62.27             | 139.09            | 152.4      | 0.2558 | 0.0     | 65.8     | 38 590             | 13 469             |
| Y <sub>m</sub> 495_770 | 96.7              | -9.13             | 112.34            | 112.71     | 0.2167 | -0.0283 | 94.6     | 33 565             | 12 464             |
| G <sub>o</sub> 495_565 | 73.95             | -115.37           | 76.76             | 138.58     | 0.1567 | -0.0355 | 146.3    | 25 525             | -1 525c            |
| C <sub>m</sub> 380_565 | 79.0              | -76.95            | -32.84            | 83.67      | 0.1803 | -0.0954 | 203.1    | 15 476             | -1 476c            |
| B <sub>m</sub> 380_495 | 34.6              | 37.77             | -99.62            | 106.54     | 0.258  | -0.1765 | 290.7    | 11 459             | 30 553             |
| M <sub>o</sub> 575_475 | 78.09             | 66.57             | -31.57            | 73.67      | 0.2561 | -0.0949 | 334.6    | -1 518c            | 23 518             |
| N <sub>o</sub> 380_770 | 0.9               | -0.01             | 0.0               | 0.01       | 0.2208 | -0.0781 | 160.5    | 22 512             | -1 512c            |
| W <sub>o</sub> 380_770 | 100.0             | 0.0               | 0.0               | 0.0        | 0.2208 | -0.0781 | 0.0      | -1 518c            | -1 512c            |

1-001630-L0

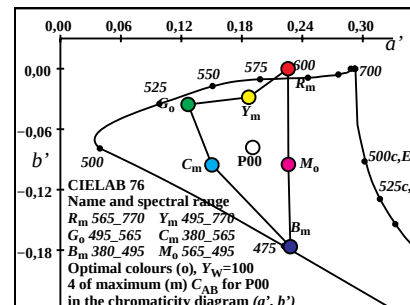
SE740-7N\_7

TUB-test chart SE74; RYCB: 4 maximum colours  
XYZ, YABCh, LabCh\* data; 2° and 10°, Y<sub>n</sub>=100



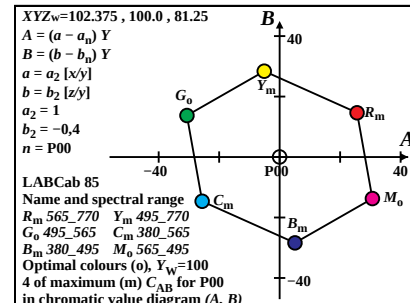
1-001630-L0

SE741-1N\_7



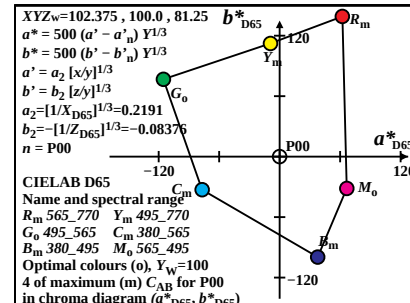
1-001630-L0

SE741-3N\_7



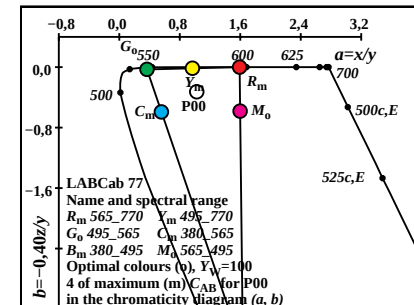
1-001630-L0

SE741-5N\_7



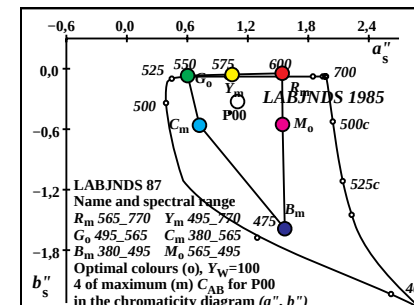
1-001630-L0

SE741-7N\_7



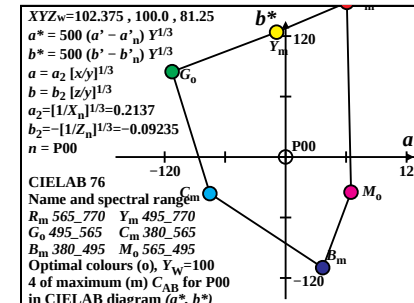
1-001630-L0

SE741-2N\_7



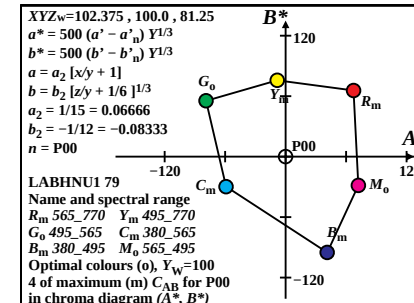
1-001630-L0

SE741-4N\_7



1-001630-L0

SE741-6N\_7



1-001630-L0

SE741-8N\_7

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for Q00,  $Y_w=100$

| Code                   | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|------------------|------------------|------------------|--------|--------|--------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 59.87            | 38.68            | 0.0              | 0.6074 | 0.3925 | 0.0    | 14.2     | 37 589           | 15 476           |
| Y <sub>m</sub> 495_770 | 77.42            | 88.8             | 4.19             | 0.4543 | 0.521  | 0.0246 | 54.6     | 32 562           | 11 458           |
| G <sub>o</sub> 495_565 | 17.54            | 50.11            | 4.19             | 0.2442 | 0.6973 | 0.0583 | 99.6     | 25 528           | -1 528c          |
| C <sub>m</sub> 380_565 | 37.77            | 61.31            | 118.42           | 0.1736 | 0.2818 | 0.5444 | 194.3    | 15 476           | 37 589           |
| B <sub>m</sub> 380_495 | 20.22            | 11.19            | 114.22           | 0.1388 | 0.0768 | 0.7842 | 234.6    | 11 458           | 32 562           |
| M <sub>o</sub> 575_475 | 80.1             | 49.88            | 114.22           | 0.3279 | 0.2042 | 0.4677 | 279.6    | -1 528c          | 25 528           |
| N <sub>o</sub> 380_770 | 0.09             | 0.1              | 0.11             | 0.3089 | 0.3163 | 0.3746 | 359.9    | -1 492c          | 18 492           |
| W <sub>o</sub> 380_770 | 97.65            | 100.0            | 118.42           | 0.3089 | 0.3163 | 0.3746 | 0.0      | -1 492c          | -1 458c          |

1-001730-L0

SE740-1N\_8

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for Q00,  $Y_w=100$

| Code                   | Y <sub>100</sub> | A <sub>100</sub> | B <sub>100</sub> | $C_{AB}$ | a      | b       | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|------------------------|------------------|------------------|------------------|----------|--------|---------|----------|------------------|------------------|
| R <sub>m</sub> 565_770 | 38.68            | 22.09            | 18.32            | 28.7     | 1.5477 | 0.0     | 39.6     | 37 589           | 15 475           |
| Y <sub>m</sub> 495_770 | 88.8             | -9.29            | 40.38            | 41.44    | 0.8718 | -0.0189 | 102.9    | 32 562           | 12 461           |
| G <sub>o</sub> 495_565 | 50.11            | -31.38           | 22.06            | 38.36    | 0.3501 | -0.0334 | 144.8    | 25 529           | -1 529c          |
| C <sub>m</sub> 380_565 | 61.31            | -22.09           | -18.32           | 28.7     | 0.616  | -0.7725 | 219.6    | 15 476           | 39 597           |
| B <sub>m</sub> 380_495 | 11.19            | 9.29             | -40.38           | 41.44    | 1.8061 | -4.0798 | 282.9    | 11 457           | 32 560           |
| M <sub>o</sub> 575_475 | 49.88            | 31.38            | -22.06           | 38.36    | 1.6057 | -0.9159 | 324.8    | -1 507c          | 21 507           |
| N <sub>o</sub> 380_770 | 0.1              | 0.0              | 0.0              | 0.01     | 0.9755 | -0.4732 | 86.8     | 34 573           | 14 470           |
| W <sub>o</sub> 380_770 | 100.0            | 0.0              | 0.0              | 0.01     | 0.9764 | -0.4736 | 0.0      | 34 573           | 14 470           |

1-001730-L0

SE740-3N\_8

Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for Q00,  $Y_w=100$

| Code                   | L* <sub>100</sub> | a* <sub>100</sub> | b* <sub>100</sub> | $C^*_{ab}$ | a'     | b'      | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|------------------------|-------------------|-------------------|-------------------|------------|--------|---------|----------|--------------------|--------------------|
| R <sub>m</sub> 565_770 | 68.52             | 60.44             | 118.15            | 132.71     | 0.2534 | 0.0     | 62.9     | 39 595             | 13 469             |
| Y <sub>m</sub> 495_770 | 95.5              | -17.81            | 126.48            | 127.73     | 0.2092 | -0.0302 | 98.0     | 32 560             | 12 464             |
| G <sub>o</sub> 495_565 | 76.14             | -114.97           | 93.11             | 147.95     | 0.1544 | -0.0366 | 140.9    | 25 525             | -1 525c            |
| C <sub>m</sub> 380_565 | 82.55             | -60.44            | -30.08            | 67.52      | 0.1864 | -0.1042 | 206.4    | 14 474             | -1 474c            |
| B <sub>m</sub> 380_495 | 39.93             | 54.8              | -101.18           | 115.07     | 0.2667 | -0.1815 | 298.4    | 11 458             | 28 544             |
| M <sub>o</sub> 575_475 | 76.0              | 71.49             | -38.98            | 81.43      | 0.2565 | -0.1103 | 331.3    | -1 515c            | 23 515             |
| N <sub>o</sub> 380_770 | 0.9               | 0.0               | -0.28             | 0.28       | 0.2173 | -0.0886 | 270.0    | 13 465             | 33 567             |
| W <sub>o</sub> 380_770 | 100.0             | 0.0               | 0.0               | 0.0        | 0.2173 | -0.0886 | 0.0      | -1 567c            | -1 465c            |

1-001730-L0

SE740-5N\_8

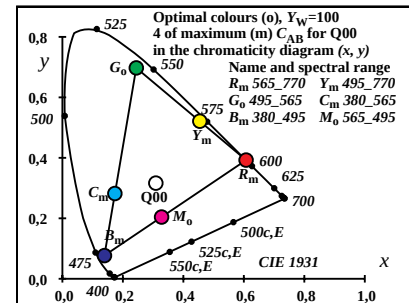
Optimal colours (o) RYGBM of maximum (m)  $C_{AB}$  for Q00,  $Y_w=100$

| CodeD65                | L* <sub>100</sub> | a* <sub>100</sub> | b* <sub>100</sub> | $C^*_{ab}$ | a'     | b'      | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|------------------------|-------------------|-------------------|-------------------|------------|--------|---------|----------|--------------------|--------------------|
| R <sub>m</sub> 565_770 | 68.52             | 61.0              | 149.86            | 161.8      | 0.2534 | 0.0     | 67.8     | 37 588             | 13 468             |
| Y <sub>m</sub> 495_770 | 95.5              | -17.97            | 130.13            | 131.37     | 0.2093 | -0.0302 | 97.8     | 32 560             | 12 464             |
| G <sub>o</sub> 495_565 | 76.14             | -116.03           | 95.81             | 150.48     | 0.1544 | -0.0366 | 140.4    | 25 525             | -1 525c            |
| C <sub>m</sub> 380_565 | 82.55             | -61.0             | -30.94            | 68.4       | 0.1864 | -0.1043 | 206.8    | 14 474             | -1 474c            |
| B <sub>m</sub> 380_495 | 39.93             | 55.32             | -104.07           | 117.86     | 0.2667 | -0.1815 | 297.9    | 11 458             | 28 544             |
| M <sub>o</sub> 575_475 | 76.0              | 72.15             | -40.09            | 82.54      | 0.2565 | -0.1103 | 330.9    | -1 516c            | 23 516             |
| N <sub>o</sub> 380_770 | 0.9               | -0.01             | 0.0               | 0.01       | 0.2173 | -0.0886 | 157.8    | 21 509             | -1 509c            |
| W <sub>o</sub> 380_770 | 100.0             | 0.0               | 0.0               | 0.0        | 0.2173 | -0.0886 | 0.0      | -1 516c            | -1 509c            |

1-001730-L0

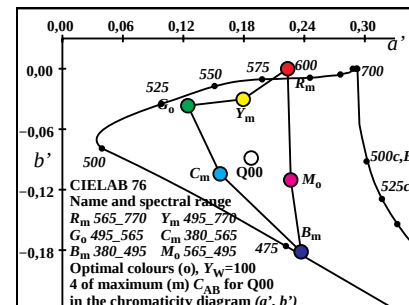
SE740-7N\_8

TUB-test chart SE74; RYCB: 4 maximum colours  
XYZ, YABCh, LabCh\* data; 2° and 10°, Y<sub>n</sub>=100



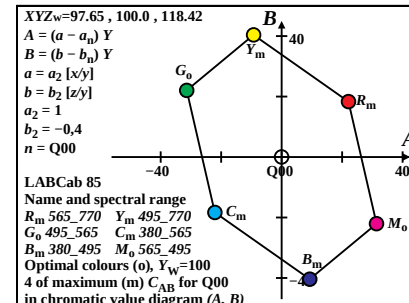
1-001730-L0

SE741-1N\_8



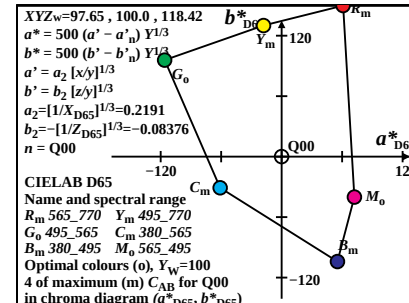
1-001730-L0

SE741-3N\_8



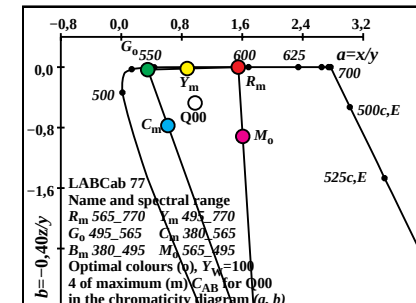
1-001730-L0

SE741-5N\_8



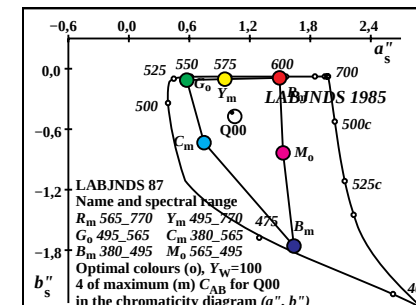
1-001730-L0

SE741-7N\_8



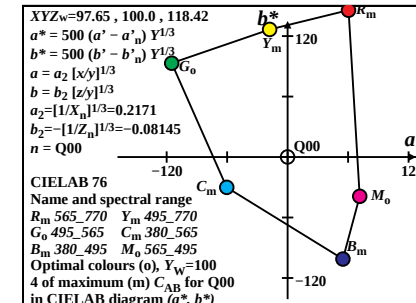
1-001730-L0

SE741-2N\_8



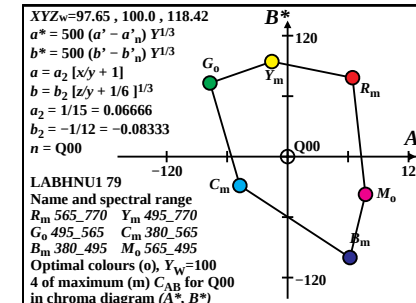
1-001730-L0

SE741-4N\_8



1-001730-L0

SE741-6N\_8



1-001730-L0

SE741-8N\_8

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change