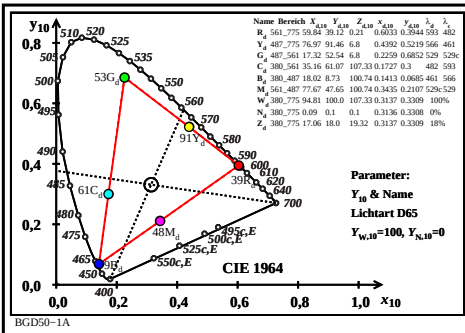
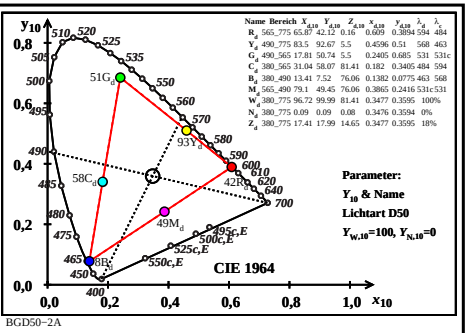
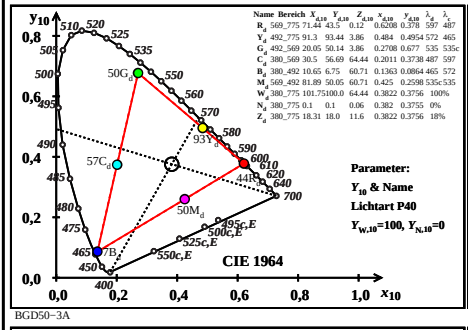
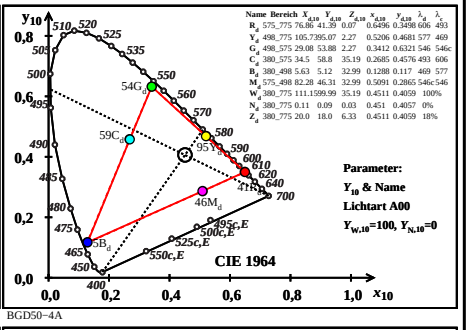
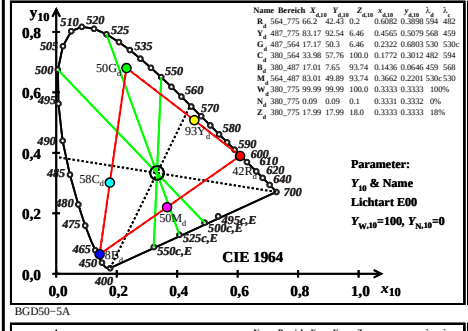
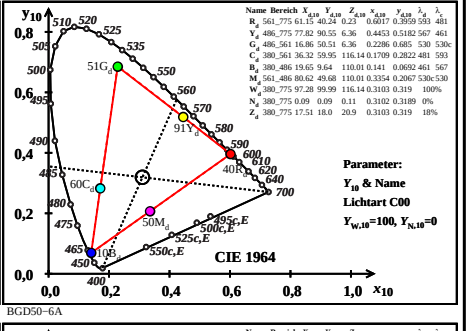

Name Bereich $X_{4,10}$ $Y_{4,10}$ $Z_{4,10}$ $x_{4,10}$ $y_{4,10}$ λ_d λ_c
R_g 561_775 59.84 39.12 0.21 0.6033 0.3944 593 482
Y_g 487_775 76.97 91.46 6.8 0.4392 0.5219 566 461
G_g 487_561 17.32 52.54 6.8 0.2259 0.6852 529 529c
C_g 380_561 35.16 61.07 107.33 0.1727 0.3 482 593
B_g 380_487 18.02 8.73 100.74 0.1413 0.0685 461 566
M_g 561_487 77.67 47.65 100.74 0.3435 0.2107 529c 529
W_g 380_775 94.81 100.0 107.33 0.3137 0.3309 100%
N_g 380_775 0.09 0.1 0.1 0.3136 0.3308 0%
Z_g 380_775 17.06 18.0 19.32 0.3137 0.3309 18%
Parameter:
Y_{10} & Name
Lichtart D65
$Y_{W,10}$=100, $Y_{N,10}$=0
CIE 1964
BGD50−1A

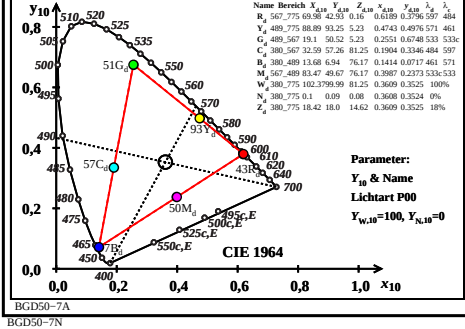

Name Bereich $X_{4,10}$ $Y_{4,10}$ $Z_{4,10}$ $x_{4,10}$ $y_{4,10}$ λ_d λ_c
R_g 565_775 65.87 42.12 0.16 0.609 0.3894 594 484
Y_g 490_775 83.5 92.67 5.5 0.4596 0.51 568 463
G_g 490_565 17.81 50.74 5.5 0.2405 0.685 531 531c
C_g 380_565 31.04 58.07 81.41 0.182 0.3405 484 594
B_g 380_490 13.41 7.52 76.06 0.1382 0.0775 463 568
M_g 565_490 79.1 49.45 76.06 0.3865 0.2416 531c 531
W_g 380_775 96.72 99.99 81.41 0.3477 0.3595 100%
N_g 380_775 0.09 0.09 0.08 0.3476 0.3594 0%
Z_g 380_775 17.41 17.99 14.65 0.3477 0.3595 18%
Parameter:
Y_{10} & Name
Lichtart D50
$Y_{W,10}$=100, $Y_{N,10}$=0
CIE 1964
BGD50−2A

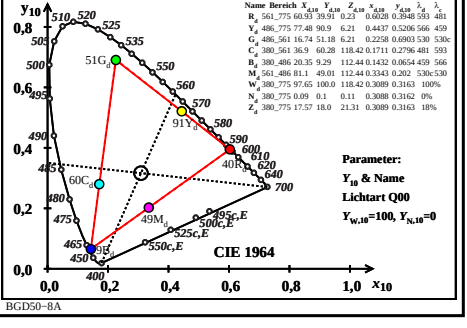

Name Bereich $X_{4,10}$ $Y_{4,10}$ $Z_{4,10}$ $x_{4,10}$ $y_{4,10}$ λ_d λ_c
R_g 569_775 71.44 43.5 0.12 0.6208 0.378 597 487
Y_g 492_775 91.3 93.44 3.86 0.484 0.4954 572 465
G_g 492_569 20.05 50.14 3.86 0.2708 0.677 535 535c
C_g 380_569 30.5 56.69 64.44 0.2011 0.3738 487 597
B_g 380_492 10.65 6.75 60.71 0.1363 0.0864 465 572
M_g 569_492 81.89 50.05 60.71 0.425 0.2598 535c 535
W_g 380_775 101.75100.0 64.44 0.3822 0.3756 100%
N_g 380_775 0.1 0.1 0.06 0.382 0.3755 0%
Z_g 380_775 18.31 18.0 11.6 0.3822 0.3756 18%
Parameter:
Y_{10} & Name
Lichtart P40
$Y_{W,10}$=100, $Y_{N,10}$=0
CIE 1964
BGD50−3A


Name Bereich $X_{4,10}$ $Y_{4,10}$ $Z_{4,10}$ $x_{4,10}$ $y_{4,10}$ λ_d λ_c
R_g 575_775 76.86 41.39 0.07 0.6496 0.3498 606 493
Y_g 498_775 105.7395.07 2.27 0.5206 0.4681 577 469
G_g 498_575 29.08 53.88 2.27 0.3412 0.6321 546 546c
C_g 380_575 34.5 58.8 35.19 0.2685 0.4576 493 606
B_g 380_498 5.63 5.12 32.99 0.1288 0.117 469 577
M_g 575_498 82.28 46.31 32.99 0.5091 0.2865 546c 546
W_g 380_775 111.1599.99 35.19 0.4511 0.4059 100%
N_g 380_775 0.11 0.09 0.03 0.451 0.4057 0%
Z_g 380_775 20.0 18.0 6.33 0.4511 0.4059 18%
Parameter:
Y_{10} & Name
Lichtart A00
$Y_{W,10}$=100, $Y_{N,10}$=0
CIE 1964
BGD50−4A


Name Bereich $X_{4,10}$ $Y_{4,10}$ $Z_{4,10}$ $x_{4,10}$ $y_{4,10}$ λ_d λ_c
R_g 564_775 66.2 42.43 0.2 0.6082 0.3898 594 482
Y_g 487_775 83.17 92.54 6.46 0.4565 0.5079 568 459
G_g 487_564 17.17 50.3 6.46 0.2322 0.6803 530 530c
C_g 380_564 33.98 57.76 100.0 0.1772 0.3012 482 594
B_g 380_487 17.01 7.65 93.74 0.1436 0.0646 459 568
M_g 564_487 83.01 49.89 93.74 0.3662 0.2201 530c 530
W_g 380_775 99.99 99.99 100.0 0.3333 0.3333 100%
N_g 380_775 0.09 0.09 0.1 0.3331 0.3332 0%
Z_g 380_775 17.99 17.99 18.0 0.3333 0.3333 18%
Parameter:
Y_{10} & Name
Lichtart E00
$Y_{W,10}$=100, $Y_{N,10}$=0
CIE 1964
BGD50−5A


Name Bereich $X_{4,10}$ $Y_{4,10}$ $Z_{4,10}$ $x_{4,10}$ $y_{4,10}$ λ_d λ_c
R_g 561_775 61.15 40.24 0.23 0.6017 0.3959 593 481
Y_g 486_775 77.82 90.55 6.36 0.4453 0.5182 567 461
G_g 486_561 16.86 50.51 6.36 0.2286 0.685 530 530c
C_g 380_561 36.32 59.95 116.14 0.1709 0.2822 481 593
B_g 380_486 19.65 9.64 110.01 0.141 0.0692 461 567
M_g 561_486 80.62 49.68 110.01 0.3354 0.2067 530c 530
W_g 380_775 97.28 99.99 116.14 0.3103 0.319 100%
N_g 380_775 0.09 0.09 0.11 0.3102 0.3189 0%
Z_g 380_775 17.51 18.0 20.9 0.3103 0.3189 18%
Parameter:
Y_{10} & Name
Lichtart C00
$Y_{W,10}$=100, $Y_{N,10}$=0
CIE 1964
BGD50−6A


Name Bereich $X_{4,10}$ $Y_{4,10}$ $Z_{4,10}$ $x_{4,10}$ $y_{4,10}$ λ_d λ_c
R_g 567_775 69.98 42.93 0.16 0.6189 0.3796 597 484
Y_g 489_775 88.89 93.25 5.23 0.4743 0.4976 571 461
G_g 489_567 19.1 50.52 5.23 0.2551 0.6748 533 533c
C_g 380_567 32.59 57.26 81.25 0.1904 0.3346 484 597
B_g 380_489 13.68 6.94 76.17 0.1414 0.0717 461 571
M_g 567_489 83.47 49.67 76.17 0.3987 0.2373 533c 533
W_g 380_775 102.3799.99 81.25 0.3609 0.3525 100%
N_g 380_775 0.1 0.09 0.08 0.3608 0.3524 0%
Z_g 380_775 18.42 18.0 14.62 0.3609 0.3525 18%
Parameter:
Y_{10} & Name
Lichtart P00
$Y_{W,10}$=100, $Y_{N,10}$=0
CIE 1964
BGD50−7A


Name Bereich $X_{4,10}$ $Y_{4,10}$ $Z_{4,10}$ $x_{4,10}$ $y_{4,10}$ λ_d λ_c
R_g 561_775 60.93 39.91 0.23 0.6028 0.3948 593 481
Y_g 486_775 77.78 90.9 6.21 0.4437 0.5206 566 459
G_g 486_561 16.74 51.18 6.21 0.2258 0.6903 530 530c
C_g 380_561 36.9 60.28 118.42 0.1711 0.2796 481 593
B_g 380_486 20.35 9.29 112.44 0.1432 0.0654 459 566
M_g 561_486 81.1 49.01 112.44 0.3343 0.202 530c 530
W_g 380_775 97.65 100.0 118.42 0.3089 0.3163 100%
N_g 380_775 0.09 0.1 0.11 0.3088 0.3162 0%
Z_g 380_775 17.57 18.0 21.31 0.3089 0.3163 18%
Parameter:
Y_{10} & Name
Lichtart Q00
$Y_{W,10}$=100, $Y_{N,10}$=0
CIE 1964
BGD50−8A

BGD50−7N