

XYZ<sub>w</sub>=97.06, 99.99, 104.57

A<sub>1</sub> = 2.5 (a<sub>1</sub> - a<sub>1w</sub>) Y

B<sub>1</sub> = 2.5 B<sub>1</sub> (b<sub>1</sub> - b<sub>1w</sub>) Y

a<sub>1</sub> = a<sub>1w</sub> [(x - x<sub>c</sub>)/y]

b<sub>1</sub> = b<sub>1w</sub> [z/y]

a<sub>1w</sub> = 1, b<sub>1w</sub> = -0.4

x<sub>c</sub> = 0.110, B<sub>1</sub> = 1.000

C<sub>AH1</sub> = [A<sub>1</sub><sup>2</sup> + B<sub>1</sub><sup>2</sup>]<sup>1/2</sup>

6 Oswald colours (e)

of maximum (m) C<sub>AH</sub> in

chromatic value diagram (A, B)<sub>100</sub>

Illumin. P60, Y<sub>w</sub>=100, Y<sub>c</sub>=25

Name Range X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>

R<sub>1</sub> 569.775 71.30 50.07 26.20 0.4673 0.3605 596.480

Y<sub>1</sub> 494.775 84.09 95.96 31.05 0.3983 0.4545 571.463

G<sub>1</sub> 494.568 37.07 65.98 31.01 0.2765 0.4921 535.536

C<sub>1</sub> 380.568 50.07 70.04 104.56 0.2228 0.3317 490.597

M<sub>1</sub> 500.84 36.31 29.05 19.16 0.2314 0.3651 464.572

M<sub>2</sub> 569.494 84.29 59.16 91.6 0.3586 0.2516 536.536

W<sub>1</sub> 380.775 97.06 99.99 104.57 0.3218 0.3315 100%

N<sub>1</sub> 380.775 24.26 24.99 26.14 0.3218 0.3315 25%

Z<sub>1</sub> 380.775 17.47 17.59 18.62 0.3218 0.3315 18%

Parameter:

Y & Name

Illuminant P60

Y<sub>w</sub>=100, Y<sub>N</sub>=25

Y<sub>w</sub>=100, Y<sub>N</sub>=25

a<sub>1</sub> = a<sub>1w</sub> [(x - x<sub>c</sub>)/y]

b<sub>1</sub> = b<sub>1w</sub> [z/y]

a<sub>1w</sub> = 1, b<sub>1w</sub> = -0.4

x<sub>c</sub> = 0.110, B<sub>1</sub> = 1.000

C<sub>AH1</sub> = [A<sub>1</sub><sup>2</sup> + B<sub>1</sub><sup>2</sup>]<sup>1/2</sup>

6 Oswald colours (e)

of maximum (m) C<sub>AH</sub> in

chromatic value diagram (A, B)<sub>100</sub>

Illumin. P60, Y<sub>w</sub>=100, Y<sub>c</sub>=25

Name Range X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>

R<sub>1</sub> 495.775 87.5 95.47 24.74 0.4212 0.4596 573.467

G<sub>1</sub> 495.570 40.57 68.42 24.71 0.3052 0.5103 542.542

C<sub>1</sub> 380.570 51.92 72.97 86.40 0.2443 0.3457 491.601

M<sub>1</sub> 500.495 32.27 29.64 83.49 0.2376 0.3397 487.573

M<sub>2</sub> 570.495 81.85 56.7 83.52 0.3608 0.2553 542.542

W<sub>1</sub> 380.775 97.06 99.99 104.57 0.3218 0.3315 100%

N<sub>1</sub> 380.775 24.53 25.0 21.62 0.3447 0.3513 25%

Z<sub>1</sub> 380.775 17.66 18.0 15.37 0.3447 0.3513 18%

Parameter:

Y & Name

Illuminant P50

Y<sub>w</sub>=100, Y<sub>N</sub>=25

Y<sub>w</sub>=100, Y<sub>N</sub>=25

a<sub>1</sub> = a<sub>1w</sub> [(x - x<sub>c</sub>)/y]

b<sub>1</sub> = b<sub>1w</sub> [z/y]

a<sub>1w</sub> = 1, b<sub>1w</sub> = -0.4

x<sub>c</sub> = 0.110, B<sub>1</sub> = 1.000

C<sub>AH1</sub> = [A<sub>1</sub><sup>2</sup> + B<sub>1</sub><sup>2</sup>]<sup>1/2</sup>

6 Oswald colours (e)

of maximum (m) C<sub>AH</sub> in

chromatic value diagram (A, B)<sub>100</sub>

Illumin. P50, Y<sub>w</sub>=100, Y<sub>c</sub>=25

Name Range X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>

R<sub>1</sub> 495.775 87.5 95.47 24.74 0.4212 0.4596 573.467

G<sub>1</sub> 495.570 40.57 68.42 24.71 0.3052 0.5103 542.542

C<sub>1</sub> 380.570 51.92 72.97 86.40 0.2443 0.3457 491.601

M<sub>1</sub> 500.495 32.27 29.64 83.49 0.2376 0.3397 487.573

M<sub>2</sub> 570.495 81.85 56.7 83.52 0.3608 0.2553 542.542

W<sub>1</sub> 380.775 97.06 99.99 104.57 0.3218 0.3315 100%

N<sub>1</sub> 380.775 24.53 25.0 21.62 0.3447 0.3513 25%

Z<sub>1</sub> 380.775 17.66 18.0 15.37 0.3447 0.3513 18%

Parameter:

Y & Name

Illuminant P40

Y<sub>w</sub>=100, Y<sub>N</sub>=25

Y<sub>w</sub>=100, Y<sub>N</sub>=25

a<sub>1</sub> = a<sub>1w</sub> [(x - x<sub>c</sub>)/y]

b<sub>1</sub> = b<sub>1w</sub> [z/y]

a<sub>1w</sub> = 1, b<sub>1w</sub> = -0.4

x<sub>c</sub> = 0.110, B<sub>1</sub> = 1.000

C<sub>AH1</sub> = [A<sub>1</sub><sup>2</sup> + B<sub>1</sub><sup>2</sup>]<sup>1/2</sup>

6 Oswald colours (e)

of maximum (m) C<sub>AH</sub> in

chromatic value diagram (A, B)<sub>100</sub>

Illumin. P30, Y<sub>w</sub>=100, Y<sub>c</sub>=25

Name Range X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>

R<sub>1</sub> 578.775 85.68 57.05 93.95 0.3511 0.3736 604.480

Y<sub>1</sub> 492.775 102.50 69.65 11.94 0.4875 0.5566 590.478

G<sub>1</sub> 503.578 49.97 65.0 11.81 0.3692 0.5337 546.604

C<sub>1</sub> 380.578 49.5 68.07 33.52 0.3151 0.4332 498.546

M<sub>1</sub> 380.503 31.64 28.16 37.63 0.2427 0.3493 479.580

M<sub>2</sub> 500.503 90.21 60.11 37.66 0.4798 0.3717 546.540

W<sub>1</sub> 380.775 100.0100 39.55 0.4363 0.4038 100%

N<sub>1</sub> 380.775 27.01 25.0 9.88 0.4363 0.4038 25%

Z<sub>1</sub> 380.775 19.44 18.0 7.11 0.4363 0.4038 18%

Parameter:

Y & Name

Illuminant P30

Y<sub>w</sub>=100, Y<sub>N</sub>=25

Y<sub>w</sub>=100, Y<sub>N</sub>=25

a<sub>1</sub> = a<sub>1w</sub> [(x - x<sub>c</sub>)/y]

b<sub>1</sub> = b<sub>1w</sub> [z/y]

a<sub>1w</sub> = 1, b<sub>1w</sub> = -0.4

x<sub>c</sub> = 0.110, B<sub>1</sub> = 1.000

C<sub>AH1</sub> = [A<sub>1</sub><sup>2</sup> + B<sub>1</sub><sup>2</sup>]<sup>1/2</sup>

6 Oswald colours (e)

of maximum (m) C<sub>AH</sub> in

chromatic value diagram (A, B)<sub>100</sub>

Illumin. P30, Y<sub>w</sub>=100, Y<sub>c</sub>=25

Name Range X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>

R<sub>1</sub> 578.775 85.68 57.05 93.95 0.3511 0.3736 604.480

Y<sub>1</sub> 492.775 102.50 69.65 11.94 0.4875 0.5566 590.478

G<sub>1</sub> 503.578 49.97 65.0 11.81 0.3692 0.5337 546.604

C<sub>1</sub> 380.578 49.5 68.07 33.52 0.3151 0.4332 498.546

M<sub>1</sub> 380.503 31.64 28.16 37.63 0.2427 0.3493 479.580

M<sub>2</sub> 500.503 90.21 60.11 37.66 0.4798 0.3717 546.540

W<sub>1</sub> 380.775 100.0100 39.55 0.4363 0.4038 100%

N<sub>1</sub> 380.775 27.01 25.0 9.88 0.4363 0.4038 25%

Z<sub>1</sub> 380.775 19.44 18.0 7.11 0.4363 0.4038 18%

Parameter:

Y & Name

Illuminant P30

Y<sub>w</sub>=100, Y<sub>N</sub>=25

Y<sub>w</sub>=100, Y<sub>N</sub>=25

a<sub>1</sub> = a<sub>1w</sub> [(x - x<sub>c</sub>)/y]

b<sub>1</sub> = b<sub>1w</sub> [z/y]

a<sub>1w</sub> = 1, b<sub>1w</sub> = -0.4

x<sub>c</sub> = 0.110, B<sub>1</sub> = 1.000

C<sub>AH1</sub> = [A<sub>1</sub><sup>2</sup> + B<sub>1</sub><sup>2</sup>]<sup>1/2</sup>

6 Oswald colours (e)

of maximum (m) C<sub>AH</sub> in

chromatic value diagram (A, B)<sub>100</sub>

Illumin. P30, Y<sub>w</sub>=100, Y<sub>c</sub>=25

Name Range X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>

R<sub>1</sub> 578.775 85.68 57.05 93.95 0.3511 0.3736 604.480

Y<sub>1</sub> 492.775 102.50 69.65 11.94 0.4875 0.5566 590.478

G<sub>1</sub> 503.578 49.97 65.0 11.81 0.3692 0.5337 546.604

C<sub>1</sub> 380.578 49.5 68.07 33.52 0.3151 0.4332 498.546

M<sub>1</sub> 380.503 31.64 28.16 37.63 0.2427 0.3493 479.580

M<sub>2</sub> 500.503 90.21 60.11 37.66 0.4798 0.3717 546.540

W<sub>1</sub> 380.775 100.0100 39.55 0.4363 0.4038 100%

N<sub>1</sub> 380.775 27.01 25.0 9.88 0.4363 0.4038 25%

Z<sub>1</sub> 380.775 19.44 18.0 7.11 0.4363 0.4038 18%

Parameter:

Y & Name

Illuminant P30

Y<sub>w</sub>=100, Y<sub>N</sub>=25

Y<sub>w</sub>=100, Y<sub>N</sub>=25

a<sub>1</sub> = a<sub>1w</sub> [(x - x<sub>c</sub>)/y]

b<sub>1</sub> = b<sub>1w</sub> [z/y]

a<sub>1w</sub> = 1, b<sub>1w</sub> = -0.4

x<sub>c</sub> = 0.110, B<sub>1</sub> = 1.000

C<sub>AH1</sub> = [A<sub>1</sub><sup>2</sup> + B<sub>1</sub><sup>2</sup>]<sup>1/2</sup>

6 Oswald colours (e)

of maximum (m) C<sub>AH</sub> in

chromatic value diagram (A, B)<sub>100</sub>

Illumin. P30, Y<sub>w</sub>=100, Y<sub>c</sub>=25

Name Range X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>

R<sub>1</sub> 578.775 85.68 57.05 93.95 0.3511 0.3736 604.480

Y<sub>1</sub> 492.775 102.50 69.65 11.94 0.4875 0.5566 590.478

G<sub>1</sub> 503.578 49.97 65.0 11.81 0.3692 0.5337 546.604

C<sub>1</sub> 380.578 49.5 68.07 33.52 0.3151 0.4332 498.546

M<sub>1</sub> 380.503 31.64 28.16 37.63 0.2427 0.3493 479.580

M<sub>2</sub> 500.503 90.21 60.11 37.66 0.4798 0.3717 546.540

W<sub>1</sub> 380.775 100.0100 39.55 0.4363 0.4038 100%

N<sub>1</sub> 380.775 27.01 25.0 9.88 0.4363 0.4038 25%

Z<sub>1</sub> 380.775 19.44 18.0 7.11 0.4363 0.4038 18%

Parameter:

Y & Name

Illuminant P30

Y<sub>w</sub>=100, Y<sub>N</sub>=25

Y<sub>w</sub>=100, Y<sub>N</sub>=25

a<sub>1</sub> = a<sub>1w</sub> [(x - x<sub>c</sub>)/y]

b<sub>1</sub> = b<sub>1w</sub> [z/y]

a<sub>1w</sub> = 1, b<sub>1w</sub> = -0.4

x<sub>c</sub> = 0.110, B<sub>1</sub> = 1.000

C<sub>AH1</sub> = [A<sub>1</sub><sup>2</sup> + B<sub>1</sub><sup>2</sup>]<sup>1/2</sup>

6 Oswald colours (e)

of maximum (m) C<sub>AH</sub> in

chromatic value diagram (A, B)<sub>100</sub>

Illumin. P30, Y<sub>w</sub>=100, Y<sub>c</sub>=25