

**XYZ<sub>W,10</sub>=94.81, 100.0, 107.33**

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20,10}) Y_{10}$   
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20,10}) Y_{10}$   
 $a_{2,10} = a_{20} [(X_{10} - x_{10}) / Y_{10}]$   
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $r_c = 0.110, B_c = 0.800$   
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$   
**6 Ostwald-Farben (o)**  
 von maximalem (m)  $C_{AB,10}$   
 linearen Farbenraum ( $C_{AB,2,10}, Y_{10}$ )

**Licht D65,  $Y_{W,10}=100, Y_{N,10}=0$**

Name Bereich  $x_{10}, Y_{10}, z_{10}, x_{20}, Y_{20}, z_{20}, x_{30}, Y_{30}, z_{30}$

R <sub>1</sub>	501.775	91.12	0.10733	493.258	90.85	0.097	462.1	89.8	0.085
Y	487.775	76.97	91.46	6.8	4392.2	519.566	461		
G <sub>1</sub>	487.561	17.32	52.54	6.8	0.2259	0.6825	529	529c	
C <sub>1</sub>	380.569	35.16	61.07	107.310	1127.0	3	482	993	
M <sub>1</sub>	561.487	184.14	62.7	107.310	1413	0.0085	661	566	
M <sub>2</sub>	561.487	77.67	47.65	100.740	3435	0.2017	526	529c	
W <sub>1</sub>	380.775	94.81	100.0	107.310	313	0.3309	100%		
N <sub>1</sub>	380.775	0.09	0.1	0.1	0.3136	0.3308	0%		
Z <sub>1</sub>	380.775	17.16	18.0	19.32	0.3609	0.3325	18%		

Parameter:  
 $Y_{10}$  & Name  
 Licht D65  
 $Y_{W,10}=100, Y_{N,10}=0$

**XYZ<sub>W,10</sub>=96.72, 99.99, 81.41**

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20,10}) Y_{10}$   
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20,10}) Y_{10}$   
 $a_{2,10} = a_{20} [(X_{10} - x_{10}) / Y_{10}]$   
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $r_c = 0.110, B_c = 1.000$   
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$   
**6 Ostwald-Farben (o)**  
 von maximalem (m)  $C_{AB,10}$   
 linearen Farbenraum ( $C_{AB,2,10}, Y_{10}$ )

**Licht D50,  $Y_{W,10}=100, Y_{N,10}=0$**

Name Bereich  $x_{10}, Y_{10}, z_{10}, x_{20}, Y_{20}, z_{20}, x_{30}, Y_{30}, z_{30}$

R <sub>1</sub>	501.775	67.83	42.12	0.16	0.009	0.394	594		
Y	490.775	83.5	92.67	5.5	0.4596	0.51	568	643	
G <sub>1</sub>	490.565	17.81	50.74	5.5	0.2405	0.685	531	531c	
C <sub>1</sub>	380.565	31.04	58.07	81.41	0.182	0.3405	484	594	
M <sub>1</sub>	561.490	124.1	75.2	76.66	0.182	0.0775	661	568	
M <sub>2</sub>	565.490	79.1	49.45	76.66	0.3865	0.2416	531c	531	
W <sub>1</sub>	380.775	96.72	99.99	81.41	0.3477	0.3395	100%		
N <sub>1</sub>	380.775	0.09	0.1	0.09	0.3476	0.3394	0%		
Z <sub>1</sub>	380.775	17.41	17.98	14.65	0.3477	0.3395	18%		

Parameter:  
 $Y_{10}$  & Name  
 Licht D50  
 $Y_{W,10}=100, Y_{N,10}=0$

**BG050-1A**

**XYZ<sub>W,10</sub>=101.75, 100.0, 63.44**

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20,10}) Y_{10}$   
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20,10}) Y_{10}$   
 $a_{2,10} = a_{20} [(X_{10} - x_{10}) / Y_{10}]$   
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $r_c = 0.110, B_c = 1.300$   
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$   
**6 Ostwald-Farben (o)**  
 von maximalem (m)  $C_{AB,10}$   
 linearen Farbenraum ( $C_{AB,2,10}, Y_{10}$ )

**Licht P40,  $Y_{W,10}=100, Y_{N,10}=0$**

Name Bereich  $x_{10}, Y_{10}, z_{10}, x_{20}, Y_{20}, z_{20}, x_{30}, Y_{30}, z_{30}$

R <sub>1</sub>	501.775	81.13	93.44	3.86	0.484	0.4954	572	465	
Y	492.775	91.3	93.44	3.86	0.484	0.4954	572	465	
G <sub>1</sub>	492.569	20.05	50.14	3.86	0.2708	0.677	535	535c	
C <sub>1</sub>	380.569	30.5	56.69	64.44	0.2011	0.3738	487	597	
M <sub>1</sub>	561.492	104.65	67.5	60.71	0.1863	0.0864	665	572	
M <sub>2</sub>	560.492	81.89	50.65	60.71	0.425	0.2598	535c	535	
W <sub>1</sub>	380.775	101.75	100.0	64.44	0.3822	0.3756	100%		
N <sub>1</sub>	380.775	0.1	0.1	0.06	0.3822	0.3755	0%		
Z <sub>1</sub>	380.775	18.31	18.0	11.6	0.3822	0.3756	18%		

Parameter:  
 $Y_{10}$  & Name  
 Licht P40  
 $Y_{W,10}=100, Y_{N,10}=0$

**BG050-2A**

**XYZ<sub>W,10</sub>=111.15, 99.99, 35.19**

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20,10}) Y_{10}$   
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20,10}) Y_{10}$   
 $a_{2,10} = a_{20} [(X_{10} - x_{10}) / Y_{10}]$   
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $r_c = 0.110, B_c = 2.500$   
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$   
**6 Ostwald-Farben (o)**  
 von maximalem (m)  $C_{AB,10}$   
 linearen Farbenraum ( $C_{AB,2,10}, Y_{10}$ )

**Licht A00,  $Y_{W,10}=100, Y_{N,10}=0$**

Name Bereich  $x_{10}, Y_{10}, z_{10}, x_{20}, Y_{20}, z_{20}, x_{30}, Y_{30}, z_{30}$

R <sub>1</sub>	501.775	76.86	41.39	0.60	0.008	0.395	591	481	
Y	498.775	105.738	67.0	2.27	0.5206	0.4681	577	469	
G <sub>1</sub>	498.575	29.08	53.88	2.27	0.3412	0.6321	546	546c	
C <sub>1</sub>	380.575	34.5	58.8	35.19	0.2688	0.4576	493	606	
M <sub>1</sub>	561.497	125.86	51.2	32.99	0.1288	0.117	669	571	
M <sub>2</sub>	575.498	82.29	46.31	32.99	0.5011	0.2365	546c	546	
W <sub>1</sub>	380.775	111.15	99.99	35.19	0.4511	0.4059	100%		
N <sub>1</sub>	380.775	0.11	0.09	0.03	0.4511	0.4057	0%		
Z <sub>1</sub>	380.775	20.0	18.0	6.33	0.4511	0.4059	18%		

Parameter:  
 $Y_{10}$  & Name  
 Licht A00  
 $Y_{W,10}=100, Y_{N,10}=0$

**BG050-3A**

**XYZ<sub>W,10</sub>=99.99, 99.99, 100.0**

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20,10}) Y_{10}$   
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20,10}) Y_{10}$   
 $a_{2,10} = a_{20} [(X_{10} - x_{10}) / Y_{10}]$   
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $r_c = 0.110, B_c = 0.900$   
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$   
**6 Ostwald-Farben (o)**  
 von maximalem (m)  $C_{AB,10}$   
 linearen Farbenraum ( $C_{AB,2,10}, Y_{10}$ )

**Licht E00,  $Y_{W,10}=100, Y_{N,10}=0$**

Name Bereich  $x_{10}, Y_{10}, z_{10}, x_{20}, Y_{20}, z_{20}, x_{30}, Y_{30}, z_{30}$

R <sub>1</sub>	501.775	62.22	42.22	0.16	0.009	0.394	594		
Y	487.775	83.17	92.54	6.46	0.4565	0.5078	568	649	
G <sub>1</sub>	487.564	17.17	50.3	6.46	0.2322	0.6803	530	530c	
C <sub>1</sub>	380.564	33.98	57.76	100.0	0.1772	0.3012	482	594	
M <sub>1</sub>	561.480	117.7	76.5	93.74	0.1436	0.0604	649	568	
M <sub>2</sub>	561.480	83.01	49.89	93.74	0.3662	0.221	530c	530	
W <sub>1</sub>	380.775	99.99	99.99	100.0	0.3333	0.3333	100%		
N <sub>1</sub>	380.775	0.09	0.09	0.1	0.3333	0.3332	0%		
Z <sub>1</sub>	380.775	17.99	17.99	18.0	0.3333	0.3333	18%		

Parameter:  
 $Y_{10}$  & Name  
 Licht E00  
 $Y_{W,10}=100, Y_{N,10}=0$

**BG050-4A**

**XYZ<sub>W,10</sub>=97.28, 99.99, 116.14**

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20,10}) Y_{10}$   
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20,10}) Y_{10}$   
 $a_{2,10} = a_{20} [(X_{10} - x_{10}) / Y_{10}]$   
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $r_c = 0.110, B_c = 0.700$   
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$   
**6 Ostwald-Farben (o)**  
 von maximalem (m)  $C_{AB,10}$   
 linearen Farbenraum ( $C_{AB,2,10}, Y_{10}$ )

**Licht C00,  $Y_{W,10}=100, Y_{N,10}=0$**

Name Bereich  $x_{10}, Y_{10}, z_{10}, x_{20}, Y_{20}, z_{20}, x_{30}, Y_{30}, z_{30}$

R <sub>1</sub>	501.775	61.15	41.22	0.16	0.009	0.394	594		
Y	486.775	77.82	90.55	6.36	0.4453	0.5182	567	641	
G <sub>1</sub>	486.561	16.86	50.1	6.36	0.2286	0.685	530	530c	
C <sub>1</sub>	380.561	36.32	59.95	116.14	0.1070	0.282	481	593	
M <sub>1</sub>	561.486	119.65	64.6	110.0	0.141	0.0692	641	567	
M <sub>2</sub>	566.786	80.62	49.68	110.0	0.3354	0.2667	530c	530	
W <sub>1</sub>	380.775	97.28	99.99	116.14	0.3104	0.3103	100%		
N <sub>1</sub>	380.775	0.09	0.09	0.1	0.3102	0.3189	0%		
Z <sub>1</sub>	380.775	17.51	18.0	20.9	0.3102	0.3189	18%		

Parameter:  
 $Y_{10}$  & Name  
 Licht C00  
 $Y_{W,10}=100, Y_{N,10}=0$

**BG050-5A**

**XYZ<sub>W,10</sub>=102.37, 99.99, 81.25**

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20,10}) Y_{10}$   
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20,10}) Y_{10}$   
 $a_{2,10} = a_{20} [(X_{10} - x_{10}) / Y_{10}]$   
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $r_c = 0.110, B_c = 1.000$   
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$   
**6 Ostwald-Farben (o)**  
 von maximalem (m)  $C_{AB,10}$   
 linearen Farbenraum ( $C_{AB,2,10}, Y_{10}$ )

**Licht P00,  $Y_{W,10}=100, Y_{N,10}=0$**

Name Bereich  $x_{10}, Y_{10}, z_{10}, x_{20}, Y_{20}, z_{20}, x_{30}, Y_{30}, z_{30}$

R <sub>1</sub>	501.775	69.98	42.93	0.16	0.010	0.419	0.378	651	
Y	486.775	83.01	92.55	6.23	0.4743	0.4976	571	461	
G <sub>1</sub>	486.567	32.51	50.52	6.23	0.2551	0.6748	533	533c	
C <sub>1</sub>	380.567	32.59	57.26	81.25	0.1904	0.3364	488	597	
M <sub>1</sub>	561.480	138.68	69.4	76.17	0.1444	0.0717	641	571	
M <sub>2</sub>	561.480	83.17	49.67	76.17	0.3967	0.2373	533c	533	
W <sub>1</sub>	380.775	102.37	99.99	81.25	0.3609	0.3325	100%		
N <sub>1</sub>	380.775	0.1	0.09	0.08	0.3608	0.3324	0%		
Z <sub>1</sub>	380.775	18.42	18.0	14.62	0.3609	0.3325	18%		

Parameter:  
 $Y_{10}$  & Name  
 Licht P00  
 $Y_{W,10}=100, Y_{N,10}=0$

**BG050-6A**

**XYZ<sub>W,10</sub>=97.65, 100.0, 118.42**

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20,10}) Y_{10}$   
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20,10}) Y_{10}$   
 $a_{2,10} = a_{20} [(X_{10} - x_{10}) / Y_{10}]$   
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $r_c = 0.110, B_c = 0.700$   
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$   
**6 Ostwald-Farben (o)**  
 von maximalem (m)  $C_{AB,10}$   
 linearen Farbenraum ( $C_{AB,2,10}, Y_{10}$ )

**Licht**