see similar files: http://farbe.li.tu-berlin.de/DE38/DE38.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmeterik

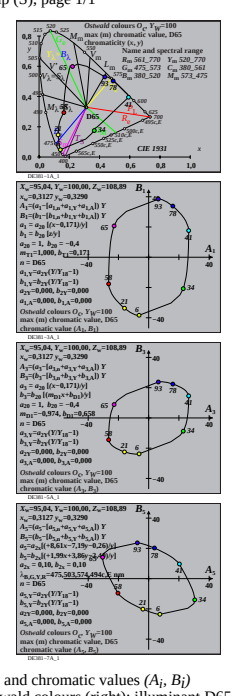
TUB registration: 20180701-DE38/DE38L0N1.TXT /.PS
application for measurement of display output

TUB material: code=ha4ta

Ostwald optimal colours (o) of maximum (m) C_{AB} for D65, Y_w=100, Y_m=520_770

i_1, λ_1	i_2, λ_2	Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{ab}	i_d, λ_d	i_c, λ_c	Code
0 405	32 561	58.2	−22.74	−17.89	28.94	0.5596	−0.743	218.11	16 483	37 589	Cm
6 435	32 562	58.79	−26.79	−9.88	28.55	0.4948	−0.6036	200.2	17 486	42 610	
10 450	32 563	59.41	−33.54	4.93	33.9	0.3859	−0.3525	171.6	19 496	−1 496c	
12 460	33 565	60.32	−36.45	12.66	38.58	0.3461	−0.2256	160.8	21 505	−1 505c	
12 465	33 567	61.66	−36.65	13.24	38.97	0.356	−0.2207	160.1	21 506	−1 506c	
14 470	33 569	62.72	−38.14	19.32	42.76	0.3422	−0.1274	153.1	24 520	−1 520c	
15 475	34 573	65.29	−38.28	22.47	44.39	0.364	−0.0913	149.5	25 528	−1 528c	Gm
16 480	36 580	69.95	−37.48	26.04	45.64	0.4146	−0.0632	145.2	27 537	−1 537c	
17 485	39 595	78.75	−32.73	31.0	45.09	0.5347	−0.0418	136.5	29 548	−1 548c	
18 490	−1 490c	93.8	−12.06	38.4	40.25	0.8218	−0.0261	107.4	33 565	11 459	max
19 495	−1 495c	92.3	−10.68	38.39	39.85	0.8346	−0.0195	105.5	33 566	12 462	
20 500	−1 500c	90.42	−8.91	38.07	39.1	0.8518	−0.0144	103.1	33 567	12 464	
22 510	−1 510c	85.27	−4.15	36.48	36.72	0.9016	−0.0076	96.5	33 569	13 469	
23 520	−1 519c	81.98	−1.26	35.24	35.26	0.935	−0.0056	92.0	34 570	14 471	Ym
25 530	−1 529c	74.04	5.15	32.02	32.43	1.0201	−0.0031	80.8	34 573	15 475	
27 540	−1 539c	64.9	11.57	28.16	30.44	1.1288	−0.0016	67.6	35 577	15 478	
28 545	−1 544c	60.13	14.5	26.11	29.87	1.1917	−0.0012	60.9	35 579	15 479	
29 550	−1 549c	55.26	17.18	24.01	29.53	1.2613	−0.0009	54.4	36 582	16 480	
30 555	−1 554c	50.4	19.49	21.91	29.33	1.3372	−0.0007	48.3	36 584	16 481	
32 560	−1 560c	41.0	22.8	17.83	28.95	1.5064	−0.0005	38.0	37 589	16 483	
32 561	0 405	41.79	22.74	17.89	28.94	1.4947	−0.0072	38.1	37 589	16 483	Rm
32 562	6 435	41.2	26.79	9.88	28.55	1.6006	−0.1956	20.2	42 610	17 486	
32 563	10 450	40.58	33.54	−4.93	33.9	1.777	−0.557	351.6	−1 496c	19 496	
33 565	12 460	39.67	36.45	−12.66	38.58	1.869	−0.7547	340.8	−1 505c	21 505	
33 567	12 465	38.33	36.65	−13.24	38.97	1.9065	−0.7811	340.1	−1 506c	21 506	
33 569	14 470	37.27	38.14	−19.32	42.76	1.9738	−0.9541	333.1	−1 520c	24 520	
34 573	15 475	34.7	38.28	−22.47	44.39	2.0536	−1.083	329.5	−1 528c	25 528	Mm
36 580	16 480	30.04	37.48	−26.04	45.64	2.1981	−1.3025	325.2	−1 537c	27 537	
39 595	17 485	21.24	32.73	−31.0	45.09	2.4913	−1.8951	316.5	−1 548c	29 548	
−1 490c	18 490	6.19	12.06	−38.4	40.25	2.899	−6.6372	287.4	11 459	33 565	min
−1 495c	19 495	7.69	10.68	−38.39	39.85	2.3392	−5.4245	285.5	12 462	33 566	
−1 500c	20 500	9.57	8.91	−38.07	39.1	1.8814	−4.4105	283.1	12 464	33 567	
−1 510c	22 510	14.72	4.15	−36.48	36.72	1.2328	−2.9143	276.5	13 469	33 569	
−1 519c	23 520	18.01	1.26	−35.24	35.26	1.0204	−2.3925	272.0	14 471	34 570	Bm
−1 529c	25 530	25.95	−5.15	−32.02	32.43	0.7516	−1.6693	260.8	15 475	34 573	
−1 539c	27 540	35.09	−11.57	−28.16	30.44	0.6205	−1.238	247.6	15 478	35 577	
−1 544c	28 545	39.86	−14.5	−26.11	29.87	0.5865	−1.0906	240.9	15 479	35 579	
−1 549c	29 550	44.73	−17.18	−24.01	29.53	0.5663	−0.9725	234.4	16 480	36 582	
−1 554c	30 555	49.59	−19.49	−21.91	29.33	0.5572	−0.8774	228.3	16 481	36 584	
−1 560c	32 560	58.99	−22.8	−17.83	28.95	0.5638	−0.7379	218.0	16 483	37 589	
380	770	100.0	0.0	0.0	0.01	0.9504	−0.4355	0.0			

1−000030−1.0



TUB-test chart DE38; Table data C_{AB}, figures *(x,y)* and chromatic values *(A_i, B_i)*
Ostwald optimal colours (left); complementary Ostwald colours (right); illuminant D65, Y_w=100