

Farbmetrische "Norm-Daten": LCD-Lichtfarben-System LECD_08 für Helligkeit $L^*_N=08$ von Schwarz für Lichtart D65																
System LECD_08	Farbe	$r=olv*_1$	$g=olv*_2$	$b=olv*_3$	L^*	a^*	b^*	C^*_{ab}	h_{ab}	$X=XYZ_1$	$Y=XYZ_2$	$Z=XYZ_3$	x	y	Y/88.59	
LECD-System	O (R)	1.0	0.0	0.0	51.09	74.59	67.08	100.32	42	36.6	19.35	1.56	0.6364	0.3364	0.2184	
	Y	1.0	1.0	0.0	92.83	-21.41	105.07	107.23	102	68.22	82.58	7.66	0.4305	0.5211	0.9324	
D65-Reflexion:	L (G)	0.0	1.0	0.0	84.16	-82.26	92.05	123.46	132	32.45	64.37	7.14	0.3121	0.6192	0.7268	
	C	0.0	1.0	1.0	87.06	-45.16	-13.98	47.29	197	48.32	70.13	95.85	0.2255	0.3273	0.7918	
	$Y_N = 0.89$	V (B)	0.0	0.0	1.0	31.58	75.05	-105.72	129.66	305	16.71	6.9	0.147	0.0607	0.0779	
	$L^*_N = 8.08$	M	1.0	0.0	1.0	57.42	93.9	-61.52	112.26	327	52.54	25.36	90.6	0.3118	0.1505	0.2863
		N	0.0	0.0	0.0	8.08	0.0	0.0	0.01	0	0.85	0.89	0.97	0.3127	0.329	0.0101
		W	1.0	1.0	1.0	95.4	0.0	0.0	0.01	0	84.18	88.57	96.43	0.3127	0.329	1.0
		N0	0.0	0.0	0.0	8.08	0.0	0.0	0.01	0	0.85	0.89	0.97	0.3127	0.329	0.0101
		W1	1.0	1.0	1.0	95.4	0.0	0.0	0.01	0	84.18	88.57	96.43	0.3127	0.329	1.0

Farbmetrische "Adaptierte Daten (a)": LCD-Lichtfarben-System LECD_08a für Helligkeit $L^*_N=08$ von Schwarz für Lichtart D65															
System LECD_08a	Farbe	$r=olv*_1$	$g=olv*_2$	$b=olv*_3$	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	$Y_a/88.59$
LECD-System	O (R)	1.0	0.0	0.0	51.09	74.59	67.08	100.32	42	36.6	19.35	1.56	0.6364	0.3364	0.2184
	Y	1.0	1.0	0.0	92.83	-21.41	105.07	107.23	102	68.22	82.58	7.66	0.4305	0.5211	0.9324
D65-Reflexion:	L (G)	0.0	1.0	0.0	84.16	-82.26	92.05	123.46	132	32.45	64.37	7.14	0.3121	0.6192	0.7268
	C	0.0	1.0	1.0	87.06	-45.16	-13.98	47.29	197	48.32	70.13	95.85	0.2255	0.3273	0.7918
$Y_N = 0.89$	V (B)	0.0	0.0	1.0	31.58	75.05	-105.72	129.66	305	16.71	6.9	90.09	0.147	0.0607	0.0779
$L^*_N = 8.08$	M	1.0	0.0	1.0	57.42	93.9	-61.52	112.26	327	52.54	25.36	90.6	0.3118	0.1505	0.2863
	N	0.0	0.0	0.0	8.08	0.0	0.0	0.01	0	0.85	0.89	0.97	0.3127	0.329	0.0101
	W	1.0	1.0	1.0	95.4	0.0	0.0	0.01	0	84.18	88.57	96.43	0.3127	0.329	1.0
	N0	0.0	0.0	0.0	8.08	0.0	0.0	0.01	0	0.85	0.89	0.97	0.3127	0.329	0.0101
	W1	1.0	1.0	1.0	95.4	0.0	0.0	0.01	0	84.18	88.57	96.43	0.3127	0.329	1.0

Farbmetrische "Adaptierte Daten (a0)": LCD-Lichtfarben-System LECD_00a0 für Helligkeit $L^*_N=00$ von Schwarz für Lichtart D65																
System LECD_00a0	Farbe	$r=olv*_1$	$g=olv*_2$	$b=olv*_3$	L^*_{a0}	a^*_{a0}	b^*_{a0}	$C^*_{ab,a0}$	$h_{ab,a0}$	$X_{a0}=XYZ_{1a0}$	$Y_{a0}=XYZ_{2a0}$	$Z_{a0}=XYZ_{3a0}$	x_{a0}	y_{a0}	$Y_{a0}/88.59$	
D65-Reflexion: $Y_N = 0.0$ $L^*_N = 0.0$ $k = 88.57 / (88.57 - 0.89)$ $= 1.01$	LECD-System	O (R)	1.0	0.0	0.0	50.26	76.54	78.17	109.4	46	$36.11=k(36.6-0.85)$	$18.64=k(19.35-0.89)$	$0.59=k(1.56-0.97)$	0.6525	0.3368	0.2105
		Y	1.0	1.0	0.0	92.8	-21.65	108.41	110.56	101	$68.05=k(68.22-0.85)$	$82.52=k(82.58-0.89)$	$6.76=k(7.66-0.97)$	0.4326	0.5245	0.9317
		L (G)	0.0	1.0	0.0	84.03	-83.61	95.42	126.88	131	$31.92=k(32.45-0.85)$	$64.13=k(64.37-0.89)$	$6.23=k(7.14-0.97)$	0.3121	0.627	0.724
		C	0.0	1.0	1.0	86.97	-45.77	-14.14	47.92	197	$47.95=k(48.32-0.85)$	$69.94=k(70.13-0.89)$	$95.84=k(95.85-0.97)$	0.2243	0.3272	0.7897
		V (B)	0.0	0.0	1.0	29.58	79.76	-109.12	135.17	306	$16.03=k(16.71-0.85)$	$6.07=k(6.9-0.89)$	$90.03=k(90.09-0.97)$	0.1429	0.0541	0.0685
		M	1.0	0.0	1.0	56.79	95.76	-62.56	114.39	327	$52.22=k(52.54-0.85)$	$24.71=k(25.36-0.89)$	$90.54=k(90.6-0.97)$	0.3118	0.1475	0.279
		N	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0	$0.0=k(0.85-0.85)$	$0.0=k(0.89-0.89)$	$0.0=k(0.97-0.97)$	0.0	0.0	0.0
		W	1.0	1.0	1.0	95.4	0.0	0.0	0.01	0	$84.18=k(84.18-0.85)$	$88.57=k(88.57-0.89)$	$96.43=k(96.43-0.97)$	0.3127	0.329	1.0
		N0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0	$0.0=k(0.85-0.85)$	$0.0=k(0.89-0.89)$	$0.0=k(0.97-0.97)$	0.0	0.0	0.0
	W1	1.0	1.0	1.0	95.4	0.0	0.0	0.01	0	$84.18=k(84.18-0.85)$	$88.57=k(88.57-0.89)$	$96.43=k(96.43-0.97)$	0.3127	0.329	1.0	