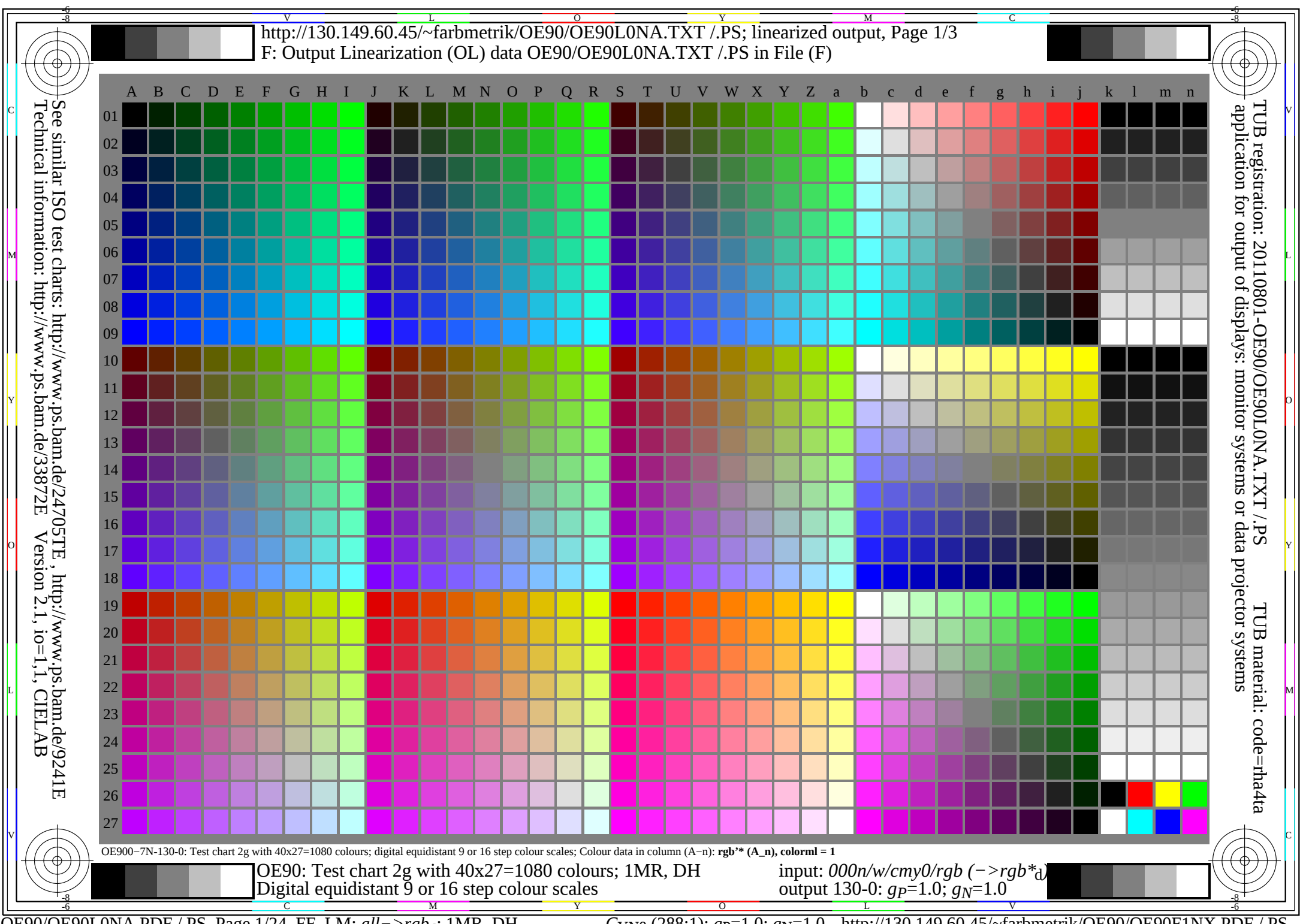




[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
0000 A01	0009 B01	0018 C01	0027 D01	0036 E01	0045 F01	0054 G01	0063 H01	0072 I01	0081 J01	0090 K01	0100 L01	0108 M01	0117 N01	0126 O01	0135 P01	0144 Q01	0153 R01	0162 S01	0171 T01	0180 U01	0189 V01	0198 W01	0207 X01	0216 Y01	0225 Z01	0234 a01	0243 b01	0252 c01	0261 d01	0270 e01	0279 f01	0288 g01	0297 h01	0306 i01	0315 j01	0324 k01	0333 l01	0342 m01	0351 n01	
0491 A28	0500 B28	0509 C28	0518 D28	0527 E28	0536 F28	0545 G28	0554 H28	0563 I28	0572 J28	0581 K28	0590 L28	0599 M28	0608 N28	0617 O28	0626 P28	0635 Q28	0644 R28	0653 S28	0662 T28	0671 U28	0680 V28	0689 W28	0698 X28	0707 Y28	0716 Z28	0725 a28	0734 b28	0743 c28	0752 d28	0761 e28	0770 f28	0779 g28	0788 h28	0797 i28	0806 j28	0815 k28	0824 l28	0833 m28	0842 n28	

OE900–7N-130-L: Test chart 2g with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): rgb*(*A,j + k26_n27*), 000n*(*k*), w*(*l*), nnno*(*m*), www*(*n*), colorm = 1
 OE90: Test chart 2g with 40x27=1080 colours; Digital equidistant 9 or 16 step colour scales
 Input: 000n/w/cmy0/rbg (->r**gb***)
 Output 130-l: gp=1.0; gn=1.0

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE*
1	0.0	0.0	0.0	0.0	0.01
2	6.36	0.0	0.07	6.36	0.01
3	12.72	0.0	0.13	12.72	0.01
4	19.08	0.0	0.2	19.08	0.01
5	25.44	0.0	0.27	25.44	0.01
6	31.8	0.0	0.33	31.8	0.01
7	38.16	0.0	0.4	38.16	0.01
8	44.52	0.0	0.47	44.52	0.01
9	50.89	0.0	0.53	50.89	0.01
10	57.25	0.0	0.6	57.25	0.01
11	63.61	0.0	0.67	63.61	0.01
12	69.97	0.0	0.73	69.97	0.01
13	76.33	0.0	0.8	76.33	0.01
14	82.69	0.0	0.87	82.69	0.01
15	89.05	0.0	0.93	89.05	0.01
16	95.41	0.0	1.0	95.41	0.01
17	0.0	0.0	0.0	0.0	0.01
18	23.85	0.0	0.25	23.85	0.01
19	47.71	0.0	0.5	47.71	0.01
20	71.56	0.0	0.75	71.56	0.01
21	95.41	0.0	1.0	95.41	0.01

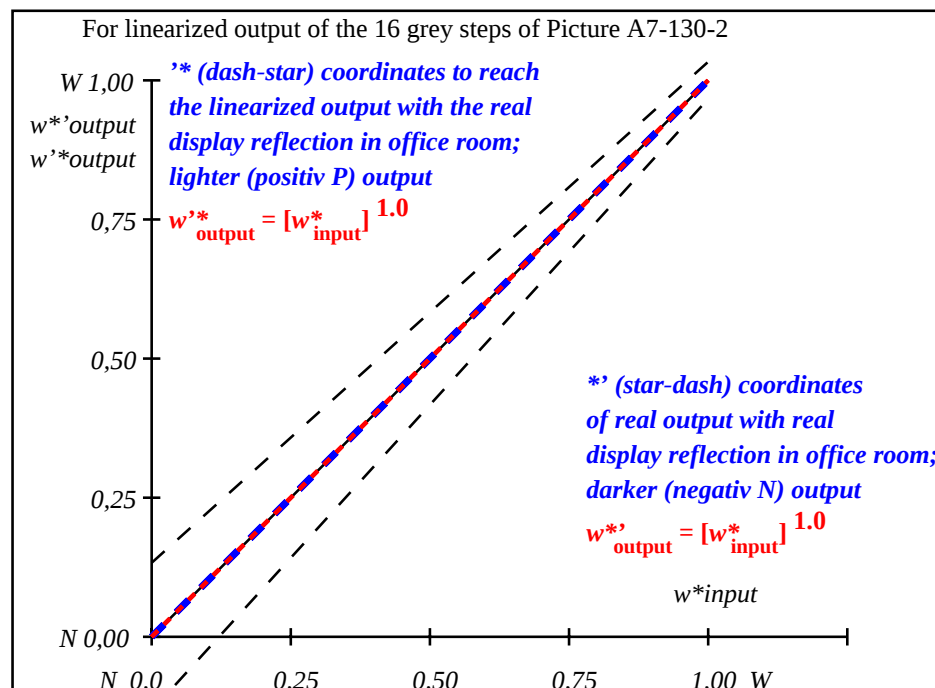
Start output S1
Specification according to
ISO/IEC 15775 Annex G
and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIELAB} = 0.0$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIELAB} = 0.0$

Mean colour reproduction index: $R^*_{ab,m} = 100$

OE900-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



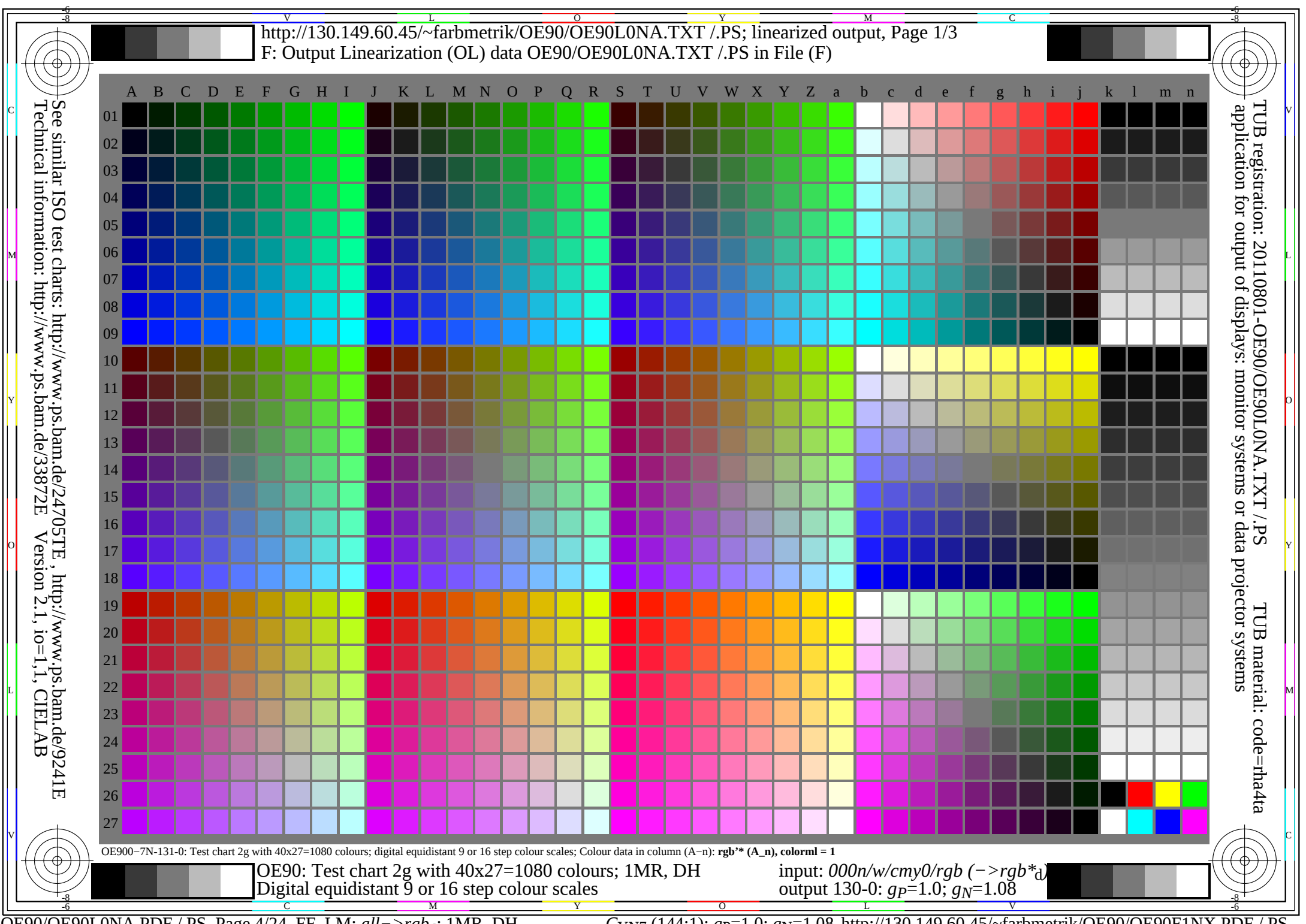
OE901-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	0.0/0.0	6.3/0.7	12.7/1.5	19.0/2.7	25.4/4.5	31.8/6.9	38.1/10.1	44.5/14.2	50.8/19.1	57.2/25.1	63.6/32.3	69.9/40.7	76.3/50.4	82.6/61.5	89.0/74.2	95.4/88.5
$w^* w^* w^*$ setrgb $g_P=1.0$																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^*=l^*_{CIELAB, r}$ (relative)																
$w^*_{intended}$	0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
w^*_{out}	0.0	0.067	0.133	0.2	0.267	0.333	0.4	0.467	0.533	0.6	0.667	0.733	0.8	0.867	0.933	1.0

OE740-7N, Picture A7-130-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE90: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast $Y_W:Y_N=88,9:0,31$; Y_N range 0,0 to <0,46

input: 000n/w/cmy0/rgb (->rgb*d) output 130-2: $g_P=1.0$; $g_N=1.0$



[illegible]

See similar ISO test charts: <http://www.ps.ban.de/24705fE>, <http://www.ps.ban.de/924fE>
Technical information: <http://www.ps.ban.de/33872F> Version 2.1, io=1.1, CIE LAB

TUB registration: 20110801-0E90/OE90LONA.TXT /PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rha4ta

Output Linearization (OL) data OE90/OE90LONA.TXT /PS in File (F)

OE900-7N-131-1: Test chart 2g with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): rgb*(A,j + k26_n27), 000n*(k), w*(l), nnn0*(m), www*(n), colorm1 = 1

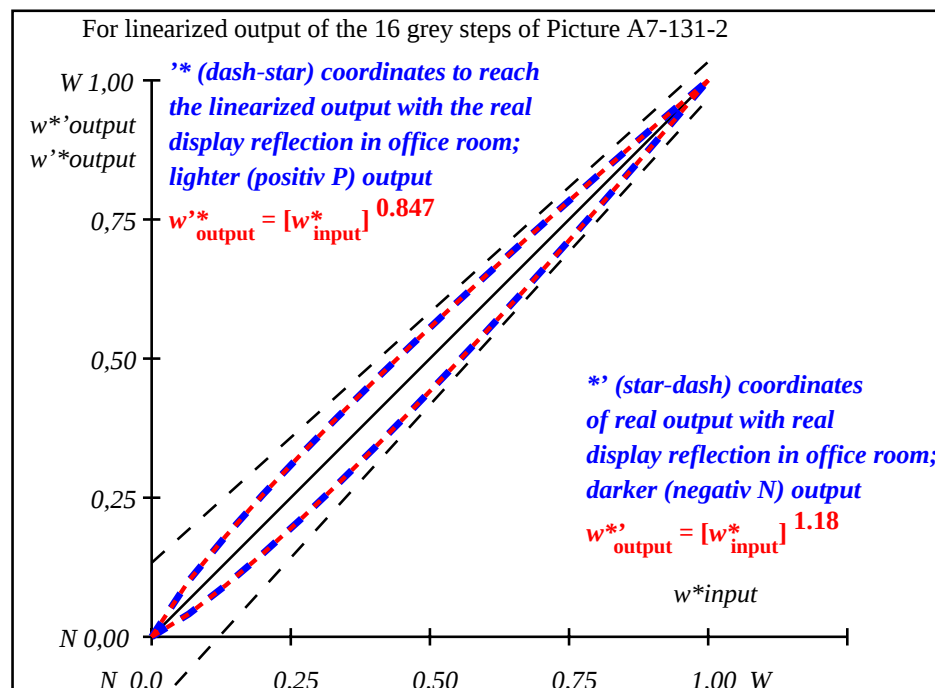
OE90: Test chart 2g with 40x27=1080 colours; 1MR, DH
Digital equidistant 9 or 16 step colour scales

input: 000n/w/cmy0/rgb (->rgb*)
output 130-1: gp=1.0; gN=1.08

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE*
1	5.69 0.0 0.0	0.0 0.0 0.0	5.69 0.0 0.0	0.0 0.0 0.0	0.01
2	11.67 0.0 0.0	0.04 0.0 0.0	9.36 0.0 0.0	-2.3 0.0 0.0	2.31
3	17.65 0.0 0.0	0.09 0.0 0.0	14.01 0.0 0.0	-3.63 0.0 0.0	3.64
4	23.63 0.0 0.0	0.15 0.0 0.0	19.12 0.0 0.0	-4.5 0.0 0.0	4.51
5	29.62 0.0 0.0	0.21 0.0 0.0	24.55 0.0 0.0	-5.06 0.0 0.0	5.07
6	35.6 0.0 0.0	0.27 0.0 0.0	30.23 0.0 0.0	-5.36 0.0 0.0	5.37
7	41.58 0.0 0.0	0.34 0.0 0.0	36.12 0.0 0.0	-5.45 0.0 0.0	5.46
8	47.56 0.0 0.0	0.41 0.0 0.0	42.19 0.0 0.0	-5.36 0.0 0.0	5.37
9	53.54 0.0 0.0	0.48 0.0 0.0	48.42 0.0 0.0	-5.11 0.0 0.0	5.12
10	59.52 0.0 0.0	0.55 0.0 0.0	54.79 0.0 0.0	-4.72 0.0 0.0	4.73
11	65.5 0.0 0.0	0.62 0.0 0.0	61.29 0.0 0.0	-4.2 0.0 0.0	4.21
12	71.48 0.0 0.0	0.69 0.0 0.0	67.91 0.0 0.0	-3.56 0.0 0.0	3.57
13	77.47 0.0 0.0	0.77 0.0 0.0	74.64 0.0 0.0	-2.82 0.0 0.0	2.83
14	83.45 0.0 0.0	0.84 0.0 0.0	81.47 0.0 0.0	-1.97 0.0 0.0	1.98
15	89.43 0.0 0.0	0.92 0.0 0.0	88.4 0.0 0.0	-1.02 0.0 0.0	1.03
16	95.41 0.0 0.0	1.0 0.0 0.0	95.41 0.0 0.0	0.0 0.0 0.0	0.01
17	5.69 0.0 0.0	0.0 0.0 0.0	5.69 0.0 0.0	0.0 0.0 0.0	0.01
18	28.12 0.0 0.0	0.19 0.0 0.0	23.17 0.0 0.0	-4.94 0.0 0.0	4.95
19	50.55 0.0 0.0	0.44 0.0 0.0	45.29 0.0 0.0	-5.25 0.0 0.0	5.26
20	72.98 0.0 0.0	0.71 0.0 0.0	69.58 0.0 0.0	-3.39 0.0 0.0	3.4
21	95.41 0.0 0.0	1.0 0.0 0.0	95.41 0.0 0.0	0.0 0.0 0.0	0.01
Mean lightness difference (16 steps)					$\Delta E^*_{CIELAB} = 3.4$
Mean lightness difference (5 steps)					$\Delta L^*_{CIELAB} = 2.7$
Mean colour reproduction index:					$R^*_{ab,m} = 85$

OE900-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



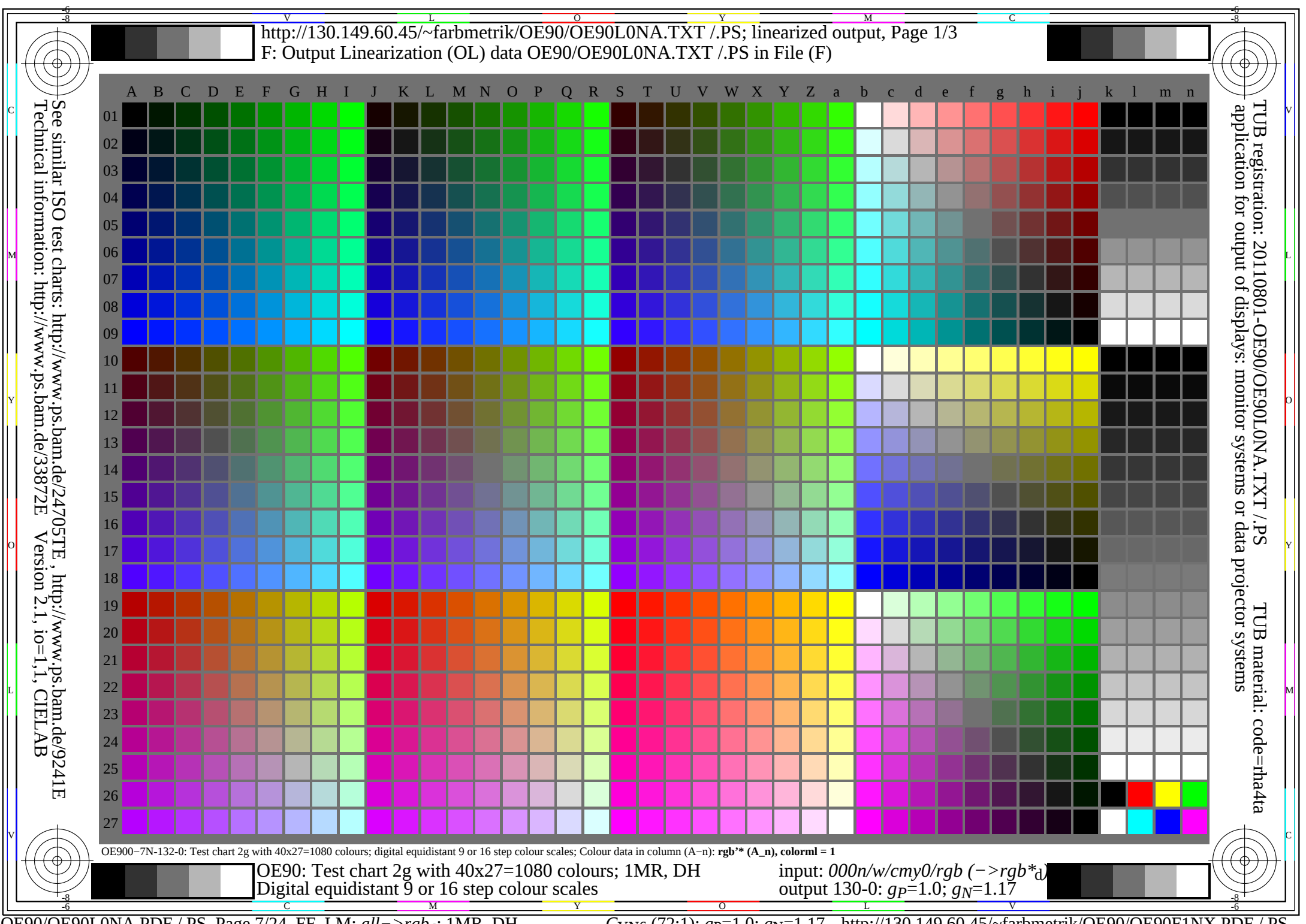
OE901-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	5.6/0.6	11.6/1.3	17.6/2.4	23.6/3.9	29.6/6.0	35.5/8.8	41.5/12.2	47.5/16.4	53.5/21.5	59.5/27.5	65.5/34.6	71.4/42.8	77.4/52.3	83.4/63.0	89.4/75.0	95.4/88.5
$w^* w^* w^*$ setrgb $g_N=1.08$ No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^*=l^*_{CIELAB, r}$ (relative)																
$w^*_{intended}$	0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
w^*_{out}	0.0	0.053	0.112	0.175	0.239	0.304	0.371	0.439	0.506	0.575	0.645	0.714	0.785	0.857	0.927	1.0

OE740-7N, Picture A7-131-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE90: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast $Y_W:Y_N=88,9:0,62$; Y_N range 0,46 to <0,93

input: 000n/w/cmy0/rgb (->rgb*d) output 130-2: $g_P=1.0$; $g_N=1.08$



F: Output Linearization (OL) data OE90/OE90L0NA.TXT /.PS in File (F)

TUB registration: 20110801-OE90/OE90LONA.TXT /.PS TUB material: code=rha4ta

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>

	a										b										c										d										e										f										g										h										i										j										k										l										m																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
01	0000	A01	0009	B01	0018	C01	0027	D01	0036	E01	0045	F01	0054	G01	0063	H01	0072	I01	0081	J01	0090	K01	0099	L01	0108	M01	0117	N01	0126	O01	0135	P01	0144	Q01	0153	R01	0162	S01	0171	T01	0180	U01	0189	V01	0198	W01	0207	X01	0216	Y01	0225	Z01	0234	001	0243	001	0252	001	0261	001	0270	001	0279	001	0288	001	0297	001	0306	001	0315	001	0324	001	0333	001	0342	001	0351	001	0360	001	0369	001	0378	001	0387	001	0396	001	0405	001	0414	001	0423	001	0432	001	0441	001	0450	001	0459	001	0468	001	0477	001	0486	001	0495	001	0504	001	0513	001	0522	001	0531	001	0540	001	0549	001	0558	001	0567	001	0576	001	0585	001	0594	001	0603	001	0612	001	0621	001	0630	001	0639	001	0648	001	0657	001	0666	001	0675	001	0684	001	0693	001	0702	001	0711	001	0720	001	0729	001	0738	001	0747	001	0756	001	0765	001	0774	001	0783	001	0792	001	0801	001	0810	001	0819	001	0828	001	0837	001	0846	001	0855	001	0864	001	0873	001	0882	001	0891	001	0900	001	0909	001	0918	001	0927	001	0936	001	0945	001	0954	001	0963	001	0972	001	0981	001	0990	001	0999	001	1008	001	1017	001	1026	001	1035	001	1044	001	1053	001	1062	001	1071	001	1080	001	1089	001	1098	001	1107	001	1116	001	1125	001	1134	001	1143	001	1152	001	1161	001	1170	001	1179	001	1188	001	1197	001	1206	001	1215	001	1224	001	1233	001	1242	001	1251	001	1260	001	1269	001	1278	001	1287	001	1296	001	1305	001	1314	001	1323	001	1332	001	1341	001	1350	001	1359	001	1368	001	1377	001	1386	001	1395	001	1404	001	1413	001	1422	001	1431	001	1440	001	1449	001	1458	001	1467	001	1476	001	1485	001	1494	001	1503	001	1512	001	1521	001	1530	001	1539	001	1548	001	1557	001	1566	001	1575	001	1584	001	1593	001	1602	001	1611	001	1620	001	1629	001	1638	001	1647	001	1656	001	1665	001	1674	001	1683	001	1692	001	1701	001	1710	001	1719	001	1728	001	1737	001	1746	001	1755	001	1764	001	1773	001	1782	001	1791	001	1800	001	1809	001	1818	001	1827	001	1836	001	1845	001	1854	001	1863	001	1872	001	1881	001	1890	001	1899	001	1908	001	1917	001	1926	001	1935	001	1944	001	1953	001	1962	001	1971	001	1980	001	1989	001	1998	001	2007	001	2016	001	2025	001	2034	001	2043	001	2052	001	2061	001	2070	001	2079	001	2088	001	2097	001	2106	001	2115	001	2124	001	2133	001	2142	001	2151	001	2160	001	2169	001	2178	001	2187	001	2196	001	2205	001	2214	001	2223	001	2232	001	2241	001	2250	001	2259	001	2268	001	2277	001	2286	001	2295	001	2304	001	2313	001	2322	001	2331	001	2340	001	2349	001	2358	001	2367	001	2376	001	2385	001	2394	001	2403	001	2412	001	2421	001	2430	001	2439	001	2448	001	2457	001	2466	001	2475	001	2484	001	2493	001	2502	001	2511	001	2520	001	2529	001	2538	001	2547	001	2556	001	2565	001	2574	001	2583	001	2592	001	2601	001	2610	001	2619	001	2628	001	2637	001	2646	001	2655	001	2664	001	2673	001	2682	001	2691	001	2700	001	2709	001	2718	001	2727	001	2736	001	2745	001	2754	001	2763	001	2772	001	2781	001	2790	001	2800	001	2809	001	2818	001	2827	001	2836	001	2845	001	2854	001	2863	001	2872	001	2881	001	2890	001	2900	001	2909	001	2918	001	2927	001	2936	001	2945	001	2954	001	2963	001	2972	001	2981	001	2990	001	3000	001	3009	001	3018	001	3027	001	3036	001	3045	001	3054	001	3063	001	3072	001	3081	001	3090	001	3099	001	3108	001	3117	001	3126	001	3135	001	3144	001	3153	001	3162	001	3171	001	3180	001	3189	001	3198	001	3207	001	3216	001	3225	001	3234	001	3243	001	3252	001	3261	001	3270	001	3279	001	3288	001	3297	001	3306	001	3315	001	3324	001	3333	001	3342	001	3351	001	3360	001	3369	001	3378	001	3387	001	3396	001	3405	001	3414	001	3423	001	3432	001	3441	001	3450	001	3459	001	3468	001	3477	001	3486	001	3495	001	3504	001	3513	001	3522	001	3531	001	3540	001	3549	001	3558	001	3567	001	3576	001	3585	001	3594	001	3603	001	3612	001	3621	001	3630	001	3639	001	3648	001	3657	001	3666	001	3675	001	3684	001	3693	001	3702	001	3711	001	3720	001	3729	001	3738	001	3747	001	3756	001	3765	001	3774	001	3783	001	3792	001	3801	001	3810	001	3819	001	3828	001	3837	001	3846	001	3855	001	3864	001	3873	001	3882	001	3891	001	3900	001	3909	001	3918	001	3927	001	3936	001	3945	001	3954	001	3963	001	3972	001	3981	001	3990	001	3999	001	4008	001	4017	001	4026	001	4035	001	4044	001	4053	001	4062	001	4071	001	4080	001	4089	001	4098	001	4107	001	4116	001	4125	001	4134	001	4143	001	4152	001	4161	001	4170	001	4179	001	4188	001	4197	001	4206	001	4215	001	4224	001	4233	001	4242	001	4251	001	4260	001	4269	001	4278	001	4287	001	4296	001	4305	001	4314	001	4323	001	4332	001	4341	001	4350	001	4359	001	4368	001	4377	001	4386	001	4395	001	4404	001	4413	001	4422	001	4431	001	4440	001	4449	001	4458	001	4467	001	4476	001	4485	001	4494	001	4503	001	4512	001	4521	001	4530	001	4539	001	4548	001	4557	001	4566	001	4575	001	4584	001	4593	001	4602	001	4611	001	4620	001	4629	001	4638	001	4647	001	4656	001	4665	001	4674	001	4683	001	4692	001	4701	001	4710	001	4719	001	4728	001	4737	001	4746	001	4755	001	4764	001	4773	001	4782	001	4791	001	4800	001	4809	001	4818	001	4827	001	4836	001	4845	001	4854	001	4863	001	4872	001	4881	001	4890	001	4899	001	4908	001	4917	001	4926	001	4935	001	4944	001	4953	001	4962	001	4971	001	4980	001	4989	001	4998	001	5007	001	5016	001	5025	001	5034	001	5043	001	5052	001	5061	001	5070	001	5079	001	5088	001	5097	001	5106	001	5115	001	5124	001	5133	001	5142	001	5151	001	5160	001	5169	001	5178	001	5187	001	5196	001	5205	001	5214	001	5223	001	5232	001	5241	001	5250	001	5259	001	5268	001	5277	001	5286	001	5295	001	5304	001	5313	001	5322	001	5331	001	5340	001	5349	001	5358	001	5367	001	5376	001	5385	001	5394	001	5403	001	5412	001	5421	001	5430	001	5439	001	5448	001	5457	001	5466	001	5475	001	5484	001	5493	001	5502	001	5511	001	5520	001	5529	001	5538	001	5547	001	5556	001	5565	001	5574	001	5583	001	5592	001	5601	001	5610	001	5619	001	5628	001	5637	001	5646	001	5655	001	5664	001	5673	001	5682	001	5691	001	5700	001	5709	001	5718	001	5727	001	5736	001	5745	001	5754	001	5763	001	5772	001	5781	001	5790	001	5800	001	5809	001	5818	001	5827	001	5836	001	5845	001	5854	001	5863	001	5872	001	5881	001	5890	001	5900	001	5909	001	5918	001	5927	001	5936	001	5945	001	5954	001	5963	001	5972	001	5981	001	5990	001	5999	001	6008	001	6017	001	6026	001	6035	001	6044	001	6053	001	6062	001	6071	001	6080	001	6089	001	6098	001	6107	001	6116	001	6125	001	6134	001	6143	001	6152	001	6161	001	6170	001	6179	001	6188	001	6197	001	6206	001	6215	001	6224	001	6233	001	6242	001	6251	001	6260	001	6269	001	6278	001	6287	001	6296	001	6305	001	6314	001	6323	001	6332	001	6341	001	6350	001	6359	001	6368	001	6377	

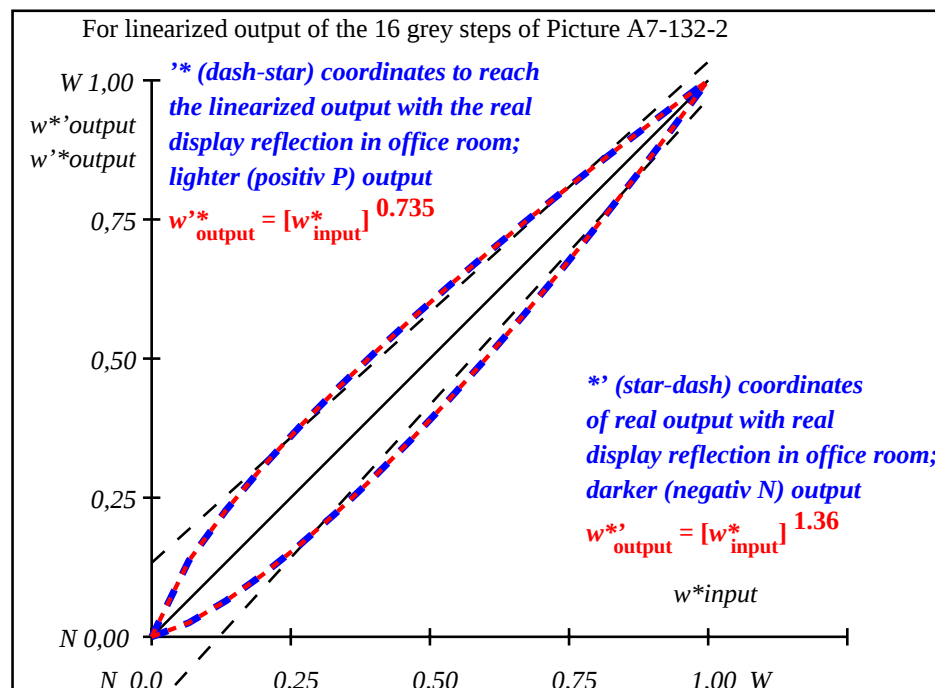
OE900-7N-132-1: Test chart 2g with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): **rgb**** (A i + k26 n27), **000n**** (k), **w**** (l), **nnn0**** (m), **www**** (n), **colorml** = 1

OE90: Test chart 2g with 40x27=1080 colours; 1MR, DH
Digital equidistant 9 or 16 step colour scales

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE*
1	10.99 0.0 0.0	0.0 10.99 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
2	16.62 0.0 0.0	0.03 13.12 0.0	0.0 0.0 -3.49	0.0 0.0 0.0	3.5
3	22.25 0.0 0.0	0.06 16.44 0.0	0.0 0.0 -5.8	0.0 0.0 0.0	5.81
4	27.88 0.0 0.0	0.11 20.45 0.0	0.0 0.0 -7.41	0.0 0.0 0.0	7.42
5	33.5 0.0 0.0	0.17 24.98 0.0	0.0 0.0 -8.51	0.0 0.0 0.0	8.52
6	39.13 0.0 0.0	0.22 29.94 0.0	0.0 0.0 -9.18	0.0 0.0 0.0	9.19
7	44.76 0.0 0.0	0.29 35.27 0.0	0.0 0.0 -9.48	0.0 0.0 0.0	9.49
8	50.39 0.0 0.0	0.35 40.93 0.0	0.0 0.0 -9.44	0.0 0.0 0.0	9.45
9	56.02 0.0 0.0	0.43 46.9 0.0	0.0 0.0 -9.11	0.0 0.0 0.0	9.12
10	61.64 0.0 0.0	0.5 53.13 0.0	0.0 0.0 -8.5	0.0 0.0 0.0	8.51
11	67.27 0.0 0.0	0.58 59.63 0.0	0.0 0.0 -7.63	0.0 0.0 0.0	7.64
12	72.9 0.0 0.0	0.66 66.36 0.0	0.0 0.0 -6.53	0.0 0.0 0.0	6.54
13	78.53 0.0 0.0	0.74 73.31 0.0	0.0 0.0 -5.2	0.0 0.0 0.0	5.21
14	84.15 0.0 0.0	0.82 80.48 0.0	0.0 0.0 -3.66	0.0 0.0 0.0	3.67
15	89.78 0.0 0.0	0.91 87.85 0.0	0.0 -1.92	0.0 0.0 1.93	Mean lightness difference (16 steps)
16	95.41 0.0 0.0	1.0 95.41 0.0	0.0 0.0 0.0	0.0 0.0 0.01	$\Delta E^*_{CIELAB} = 6.0$
17	10.99 0.0 0.0	0.0 10.99 0.0	0.0 0.0 0.0	0.0 0.0 0.01	
18	32.1 0.0 0.0	0.15 23.81 0.0	0.0 -8.28	0.0 0.0 8.29	
19	53.2 0.0 0.0	0.39 43.88 0.0	0.0 -9.31	0.0 0.0 9.32	
20	74.31 0.0 0.0	0.68 68.08 0.0	0.0 -6.22	0.0 0.0 6.23	Mean lightness difference (5 steps)
21	95.41 0.0 0.0	1.0 95.41 0.0	0.0 0.0 0.0	0.0 0.0 0.01	$\Delta L^*_{CIELAB} = 4.8$
Mean colour reproduction index:					$R^*_{ab,m} = 74$

OE900-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE901-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

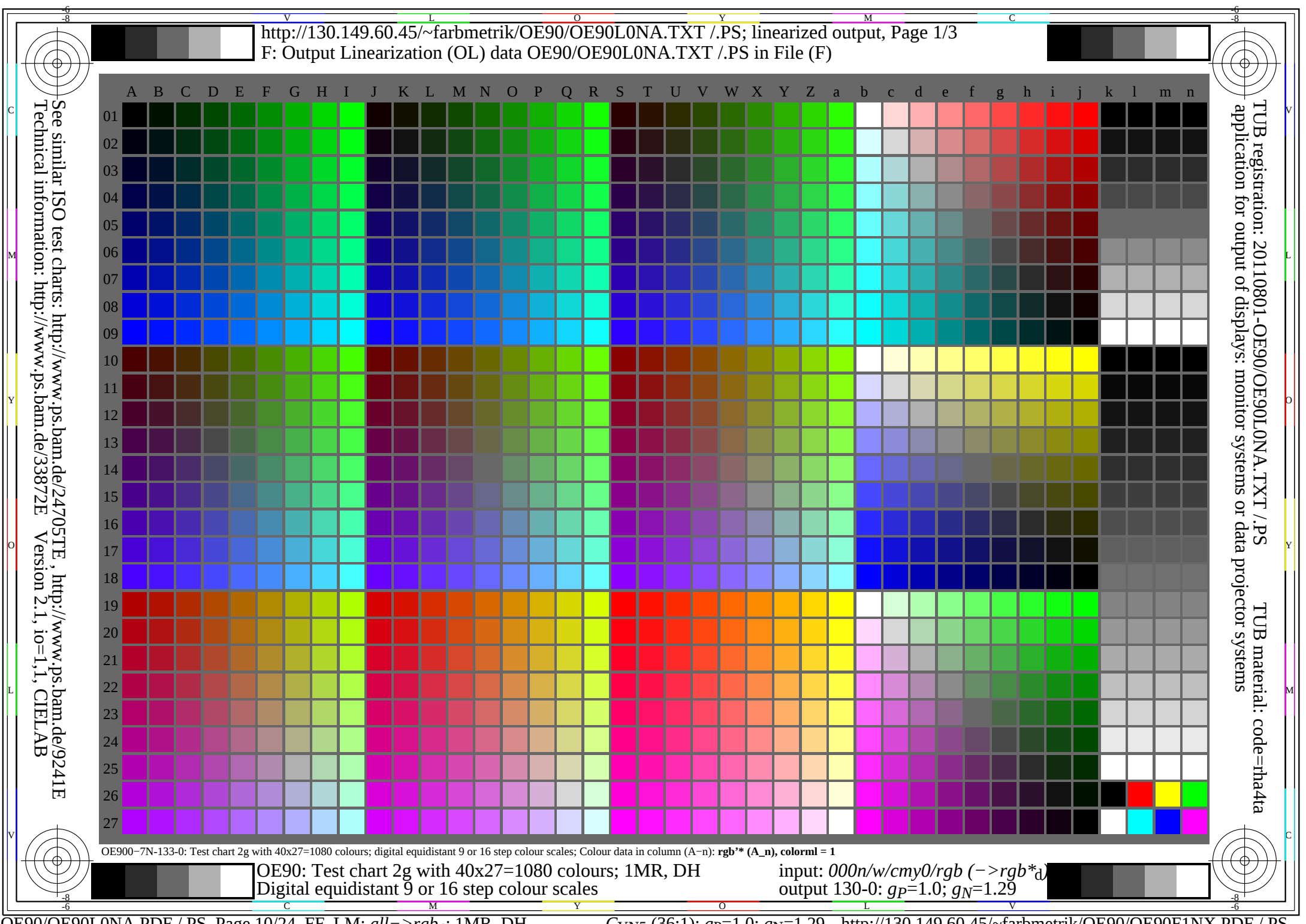
$L^*/Y_{intended}$ (absolute)	10.9/1.2	16.6/2.2	22.2/3.5	27.8/5.4	33.5/7.7	39.1/10.7	44.7/14.3	50.3/18.7	56.0/23.9	61.6/29.9	67.2/36.9	72.8/45.0	78.5/54.1	84.1/64.3	89.7/75.8	95.4/88.5
$w^* w^* w^*$ setrgb																
$g_N=1.17$ No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^*=l^*_{CIELAB, r}$ (relative)																
$w^*_{intended}$	0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
w^*_{out}	0.0	0.041	0.093	0.15	0.211	0.274	0.34	0.408	0.476	0.548	0.62	0.693	0.769	0.845	0.921	1.0

OE740-7N, Picture A7-132-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE90: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast $Y_W:Y_N=88,9:1,25$; Y_N range 0,93 to <1,87

input: 000n/w/cmy0/rgb (->rgb*d) output 130-2: $g_P=1.0$; $g_N=1.17$

TUB registration: 20110801-OE90/OE90L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta



F: Output Linearization (OL) data OE90/OE90L0NA.TXT /.PS in File (F)

TUB registration: 20110801-OE90/OE90LONA.TXT/.PS TUB material: code=rha4tra

TIIB material: code=rha4t2

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>

[illegible]

OE900-7N-133-1: Test chart 2g with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): **rgb**** (A i + k26 n27), **000n**** (k), **w**** (l), **nnn0**** (m), **www**** (n), **colorml** = 1

OE90: Test chart 2g with 40x27=1080 col

input: 000n/w/cmv0/rab (->rab*d)

output 130-1: $q_P=1.0$; $q_N=1.29$

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE*
1	18.01 0.0 0.0	0.0 18.01 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
2	23.17 0.0 0.0	0.02 19.2 0.0	0.0 -3.95 0.0	0.0 0.0 0.0	3.96
3	28.33 0.0 0.0	0.04 21.49 0.0	0.0 -6.83 0.0	0.0 0.0 0.0	6.84
4	33.49 0.0 0.0	0.08 24.5 0.0	0.0 -8.98 0.0	0.0 0.0 0.0	8.99
5	38.65 0.0 0.0	0.13 28.12 0.0	0.0 -10.52 0.0	0.0 0.0 0.0	10.53
6	43.81 0.0 0.0	0.18 32.26 0.0	0.0 -11.53 0.0	0.0 0.0 0.0	11.54
7	48.97 0.0 0.0	0.24 36.89 0.0	0.0 -12.07 0.0	0.0 0.0 0.0	12.08
8	54.13 0.0 0.0	0.31 41.94 0.0	0.0 -12.18 0.0	0.0 0.0 0.0	12.19
9	59.29 0.0 0.0	0.38 47.41 0.0	0.0 -11.87 0.0	0.0 0.0 0.0	11.88
10	64.45 0.0 0.0	0.46 53.25 0.0	0.0 -11.19 0.0	0.0 0.0 0.0	11.2
11	69.61 0.0 0.0	0.54 59.46 0.0	0.0 -10.14 0.0	0.0 0.0 0.0	10.15
12	74.77 0.0 0.0	0.62 66.02 0.0	0.0 -8.74 0.0	0.0 0.0 0.0	8.75
13	79.93 0.0 0.0	0.71 72.9 0.0	0.0 -7.02 0.0	0.0 0.0 0.0	7.03
14	85.09 0.0 0.0	0.8 80.1 0.0	0.0 -4.98 0.0	0.0 0.0 0.0	4.99
15	90.25 0.0 0.0	0.9 87.61 0.0	0.0 -2.63 0.0	0.0 0.0 0.0	2.64
16	95.41 0.0 0.0	1.0 95.41 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
17	18.01 0.0 0.0	0.0 18.01 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
18	37.36 0.0 0.0	0.12 27.16 0.0	0.0 -10.19 0.0	0.0 0.0 0.0	10.2
19	56.71 0.0 0.0	0.34 44.63 0.0	0.0 -12.07 0.0	0.0 0.0 0.0	12.08
20	76.06 0.0 0.0	0.64 67.71 0.0	0.0 -8.34 0.0	0.0 0.0 0.0	8.35
21	95.41 0.0 0.0	1.0 95.41 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01

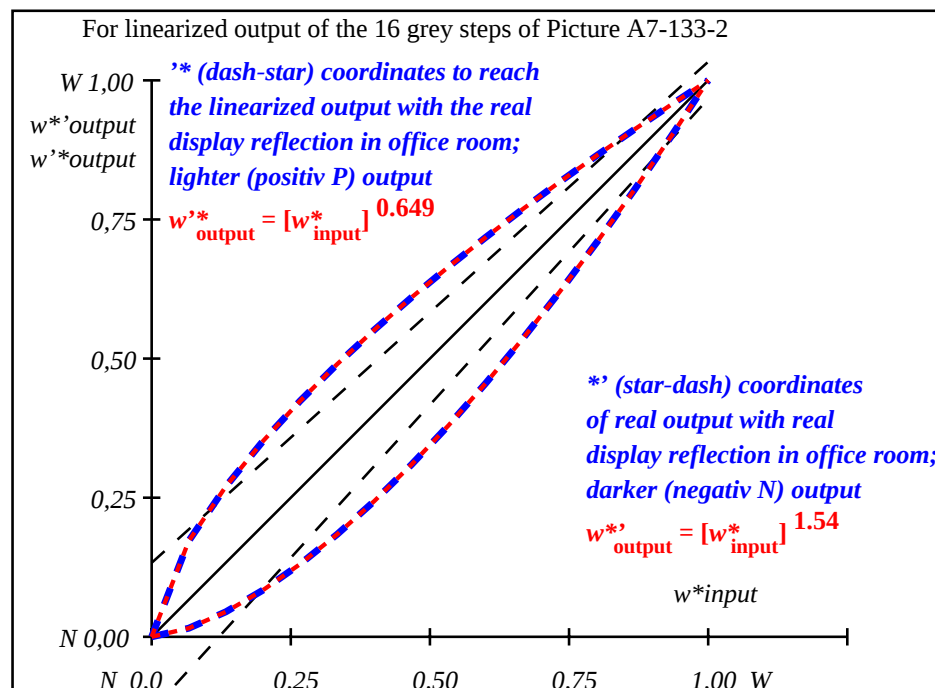
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIELAB} = 7.7$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIELAB} = 6.1$

Mean colour reproduction index: $R^*_{ab,m} = 66$

OE900-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE901-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	18.0/2.5	23.1/3.8	28.3/5.5	33.4/7.7	38.6/10.4	43.8/13.7	48.9/17.5	54.1/22.0	59.2/27.3	64.4/33.3	69.6/40.1	74.7/47.9	79.9/56.5	85.0/66.1	90.2/76.8	95.4/88.5
$w^* w^* w^*$ setrgb $g_N=1.29$ No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^*=l^*_{CIELAB, r}$ (relative)																
$w^*_{intended}$	0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
w^*_{out}	0.0	0.03	0.074	0.125	0.181	0.241	0.306	0.374	0.444	0.517	0.593	0.669	0.749	0.831	0.914	1.0

OE740-7N, Picture A7-133-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE90: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast $Y_W:Y_N=88,9:2,5$; Y_N range 1,87 to <3,75

input: 000n/w/cmy0/rgb (->rgb*d) output 130-2: $g_P=1.0$; $g_N=1.29$

F: Output Linearization (OL) data OE90/OE90L0NA.TXT /.PS in File (F)

Technical information: <http://www.ps.bam.de/33872E> Version 2.1 is-1.1 CIEI AB

TUB registration: 20110801-OE90/OE90LONA.TXT /PS TUB material: code=rha4ta

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m		
01	0000 A01	0009 B01	0018 C01	0027 D01	0036 E01	0045 F01	0054 G01	0063 H01	0072 I01	0081 J01	0090 K01	0099 L01	0108 M01	0117 N01	0126 O01	0135 P01	0144 Q01	0153 R01	0162 S01	0171 T01	0180 U01	0189 V01	0198 W01	0207 X01	0216 Y01	0225 Z01	0234 a01	0729 b01	0738 c01	0747 d01	0756 e01	0765 f01	0774 g01	0783 h01	0792 i01	0801 j01	0972 k01	0981 l01	0990 m01	0999 n01	
00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
01	0.0	0.12	0.25	0.37	0.50	0.62	0.75	0.87	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.12	0.25	0.37	0.50	0.62	0.75	0.87	1.0	0.87	0.75	0.62	0.50	0.37	0.25	0.12	0.0	0.0	0.0	0.0	0.0	
02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03	0001 A02	0010 B02	0019 C02	0028 D02	0037 E02	0046 F02	0055 G02	0064 H02	0073 I02	0082 J02	0091 K02	0100 L02	0109 M02	0118 N02	0127 O02	0136 P02	0145 Q02	0154 R02	0163 S02	0172 T02	0181 U02	0190 V02	0199 W02	0208 X02	0217 Y02	0226 Z02	0235 a02	0730 b02	0739 c02	0748 d02	0757 e02	0766 f02	0775 g02	0784 h02	0793 i02	0802 j02	0973 k02	0982 l02	0991 m02	0999 n02	
00	0.0	0.12	0.25	0.37	0.50	0.62	0.75	0.87	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	0.87	0.75	0.62	0.50	0.37	0.25	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
01	0.0	0.12	0.25	0.37	0.50	0.62	0.75	0.87	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.12	0.25	0.37	0.50	0.62	0.75	0.87	1.0	0.87	0.75	0.62	0.50	0.37	0.25	0.12	0.0	0.0	0.0	0.0	0.0	0.0
02	0.0	0.12	0.25	0.37	0.50	0.62	0.75	0.87	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03	0002 A03	0011 B03	0020 C03	0029 D03	0038 E03	0047 F03	0056 G03	0065 H03	0074 I03	0083 J03	0092 K03	0101 L03	0110 M03	0119 N03	0128 O03	0137 P03	0146 Q03	0155 R03	0164 S03	0173 T03	0182 U03	0191 V03	0200 W03	0209 X03	0218 Y03	0227 Z03	0236 a03	0731 b03	0740 c03	0749 d03	0758 e03	0767 f03	0776 g03	0785 h03	0794 i03	0803 j03	0974 k03	0983 l03	0992 m03	0999 n03	
00	0.0	0.12	0.25	0.37	0.50	0.62	0.75	0.87	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	0.87	0.75	0.62	0.50	0.37	0.25	0.12							

OE900-7N-134-1: Test chart 2g with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): **rgb**** (A i + k26 n27), **000n**** (k), **w**** (l), **nnnn0**** (m), **www**** (n), **colorml** = 1

OE90: Test chart 2g with 40x27=1080 colours; 1MR, DH
Digital equidistant 9 or 16 step colour scales

OE90/OE90L0NA.PDF /.PS, Page 14/24, FF LM: *all->rgb*; 1MR, DH C_{YN4} (18:1); $q_P=1.0$; $q_N=1.42$ <http://130.149.60.45/~farbmatrik/OE90/OE90F1NX.PDF> /.PS

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE*
1	26.85 0.0 0.0	0.0 26.85 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
2	31.42 0.0 0.0	0.01 27.5 0.0	0.0 -3.91 0.0	0.0 0.0 0.0	3.92
3	35.99 0.0 0.0	0.03 28.99 0.0	0.0 -6.99 0.0	0.0 0.0 0.0	7.0
4	40.56 0.0 0.0	0.06 31.15 0.0	0.0 -9.4 0.0	0.0 0.0 0.0	9.41
5	45.13 0.0 0.0	0.1 33.91 0.0	0.0 -11.21 0.0	0.0 0.0 0.0	11.22
6	49.7 0.0 0.0	0.15 37.21 0.0	0.0 -12.48 0.0	0.0 0.0 0.0	12.49
7	54.27 0.0 0.0	0.21 41.03 0.0	0.0 -13.24 0.0	0.0 0.0 0.0	13.25
8	58.84 0.0 0.0	0.27 45.33 0.0	0.0 -13.5 0.0	0.0 0.0 0.0	13.51
9	63.41 0.0 0.0	0.34 50.1 0.0	0.0 -13.3 0.0	0.0 0.0 0.0	13.31
10	67.99 0.0 0.0	0.42 55.33 0.0	0.0 -12.65 0.0	0.0 0.0 0.0	12.66
11	72.56 0.0 0.0	0.5 60.98 0.0	0.0 -11.56 0.0	0.0 0.0 0.0	11.57
12	77.13 0.0 0.0	0.59 67.06 0.0	0.0 -10.05 0.0	0.0 0.0 0.0	10.06
13	81.7 0.0 0.0	0.68 73.56 0.0	0.0 -8.13 0.0	0.0 0.0 0.0	8.14
14	86.27 0.0 0.0	0.78 80.45 0.0	0.0 -5.81 0.0	0.0 0.0 0.0	5.82
15	90.84 0.0 0.0	0.89 87.74 0.0	0.0 -3.09 0.0	0.0 0.0 0.0	3.1
16	95.41 0.0 0.0	1.0 95.41 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
17	26.85 0.0 0.0	0.0 26.85 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
18	43.99 0.0 0.0	0.09 33.17 0.0	0.0 -10.81 0.0	0.0 0.0 0.0	10.82
19	61.13 0.0 0.0	0.3 47.66 0.0	0.0 -13.46 0.0	0.0 0.0 0.0	13.47
20	78.27 0.0 0.0	0.61 68.65 0.0	0.0 -9.61 0.0	0.0 0.0 0.0	9.62
21	95.41 0.0 0.0	1.0 95.41 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01

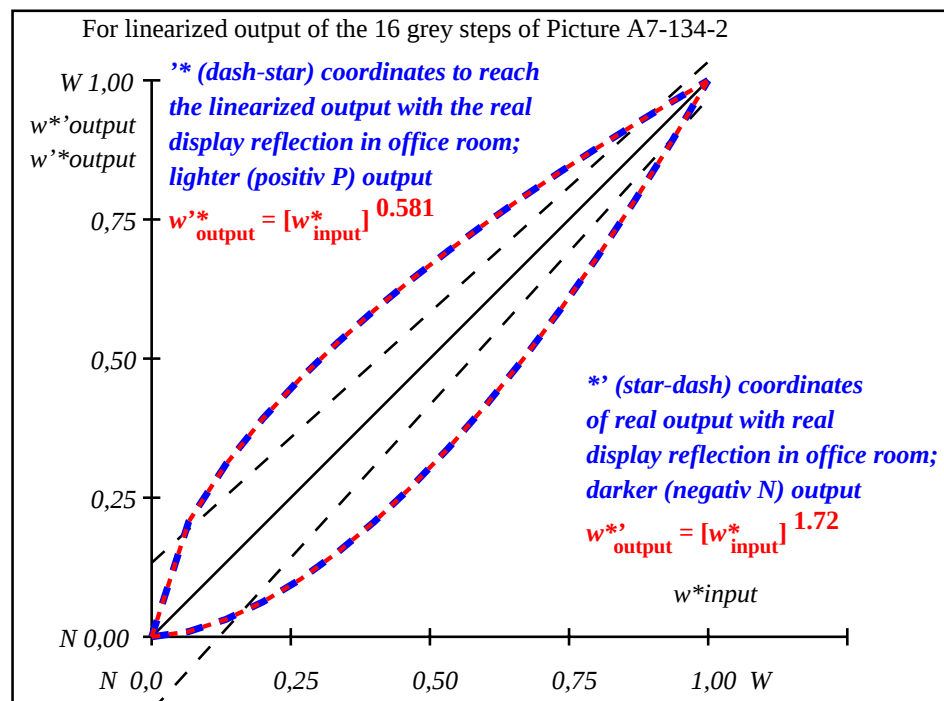
Start output S1
Specification according to
ISO/IEC 15775 Annex G
and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIELAB} = 8.5$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIELAB} = 6.8$

Mean colour reproduction index: $R^*_{ab,m} = 63$

OE900-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE901-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

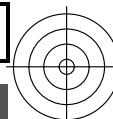
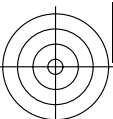
$L^*/Y_{intended}$ (absolute)	26.8/5.0	31.4/6.8	35.9/9.0	40.5/11.5	45.1/14.6	49.7/18.1	54.2/22.2	58.8/26.8	63.4/32.0	67.9/37.9	72.5/44.4	77.1/51.7	81.6/59.7	86.2/68.5	90.8/78.1	95.4/88.5
$w^* w^* w^*$ setrgb																
$g_N=1.42$ No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^*=l^*_{CIELAB, r}$ (relative)																
$w^*_{intended}$	0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
w^*_{out}	0.0	0.021	0.056	0.1	0.151	0.207	0.27	0.336	0.407	0.482	0.56	0.641	0.727	0.815	0.905	1.0

OE740-7N, Picture A7-134-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*_{setrgbcolor}$

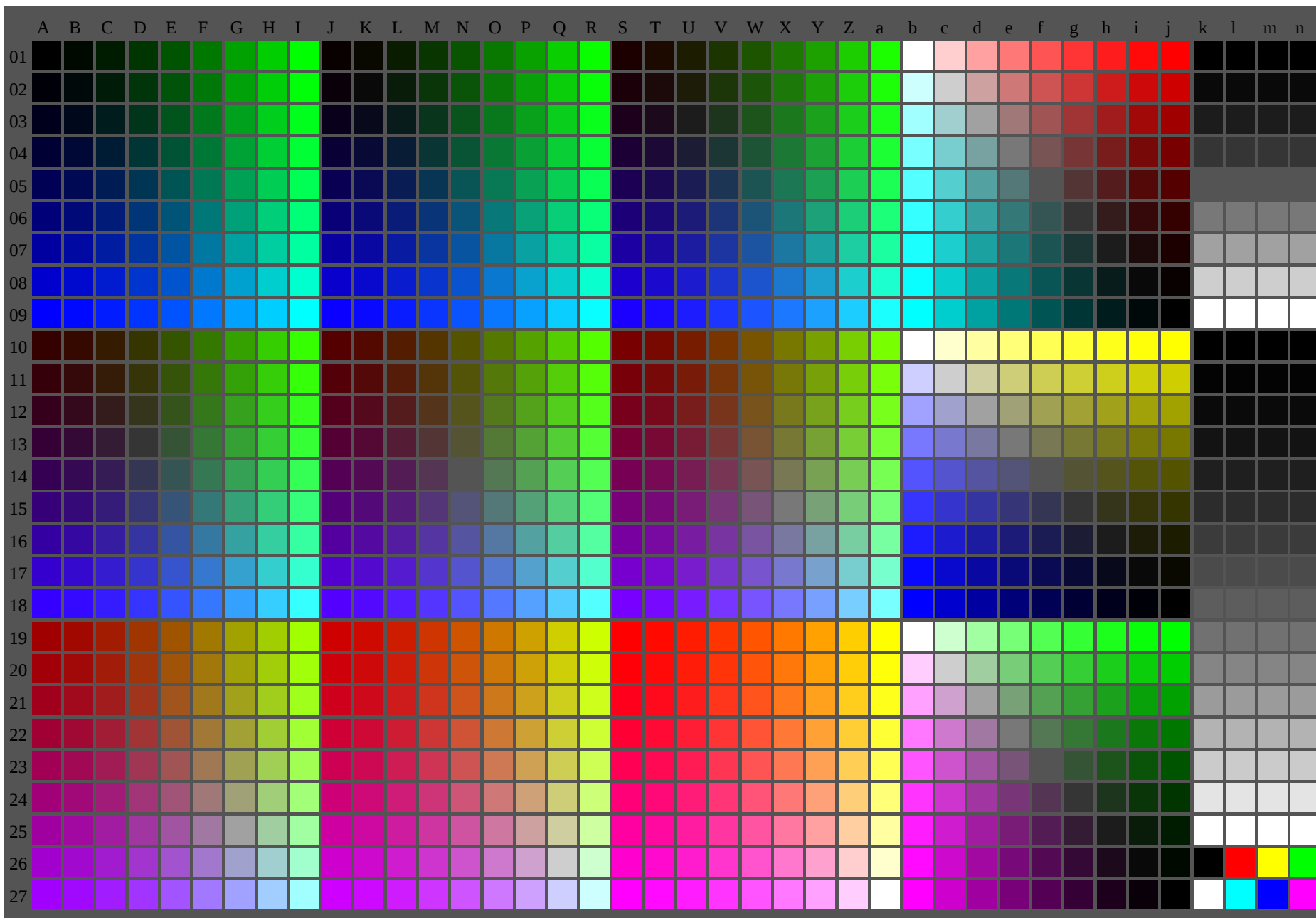
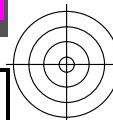
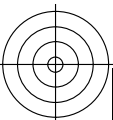
OE90: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast $Y_W:Y_N=88,9:5$; Y_N range 3,75 to <7,5

input: 000n/w/cmy0/rgb (->rgb*d) output 130-2: $g_P=1.0$; $g_N=1.42$

TUB registration: 20110801-OE90/OE90L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta



See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB



OE900-7N-135-0: Test chart 2g with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^* \cdot (A_n)$, $colorml = 1$

OE90: Test chart 2g with 40x27=1080 colours; 1MR, DH
Digital equidistant 9 or 16 step colour scales

input: 000n/w/cmy0/rgb (->rgb*d)
output 130-0: $g_P=1.0$; $g_N=1.6$



TUB registration: 20110801-OE90/OE90L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rha4ta

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE*
1	37.99 0.0 0.0	0.0 37.99 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
2	41.81 0.0 0.0	0.01 38.32 0.0	0.0 0.0 -3.48	0.0 0.0 0.0	3.49
3	45.64 0.0 0.0	0.02 39.23 0.0	0.0 0.0 -6.4	0.0 0.0 0.0	6.41
4	49.47 0.0 0.0	0.05 40.68 0.0	0.0 0.0 -8.78	0.0 0.0 0.0	8.79
5	53.3 0.0 0.0	0.08 42.65 0.0	0.0 0.0 -10.64	0.0 0.0 0.0	10.65
6	57.13 0.0 0.0	0.12 45.11 0.0	0.0 0.0 -12.01	0.0 0.0 0.0	12.02
7	60.96 0.0 0.0	0.18 48.06 0.0	0.0 0.0 -12.89	0.0 0.0 0.0	12.9
8	64.78 0.0 0.0	0.24 51.48 0.0	0.0 0.0 -13.29	0.0 0.0 0.0	13.3
9	68.61 0.0 0.0	0.3 55.38 0.0	0.0 0.0 -13.22	0.0 0.0 0.0	13.23
10	72.44 0.0 0.0	0.38 59.74 0.0	0.0 0.0 -12.69	0.0 0.0 0.0	12.7
11	76.27 0.0 0.0	0.46 64.56 0.0	0.0 0.0 -11.69	0.0 0.0 0.0	11.7
12	80.1 0.0 0.0	0.55 69.84 0.0	0.0 0.0 -10.25	0.0 0.0 0.0	10.26
13	83.93 0.0 0.0	0.65 75.57 0.0	0.0 0.0 -8.35	0.0 0.0 0.0	8.36
14	87.75 0.0 0.0	0.76 81.74 0.0	0.0 0.0 -6.0	0.0 0.0 0.0	6.01
15	91.58 0.0 0.0	0.88 88.35 0.0	0.0 0.0 -3.22	0.0 0.0 0.0	3.23
16	95.41 0.0 0.0	1.0 95.41 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
17	37.99 0.0 0.0	0.0 37.99 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
18	52.34 0.0 0.0	0.07 42.11 0.0	0.0 0.0 -10.22	0.0 0.0 0.0	10.23
19	66.7 0.0 0.0	0.27 53.37 0.0	0.0 0.0 -13.32	0.0 0.0 0.0	13.33
20	81.05 0.0 0.0	0.58 71.23 0.0	0.0 0.0 -9.81	0.0 0.0 0.0	9.82
21	95.41 0.0 0.0	1.0 95.41 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01

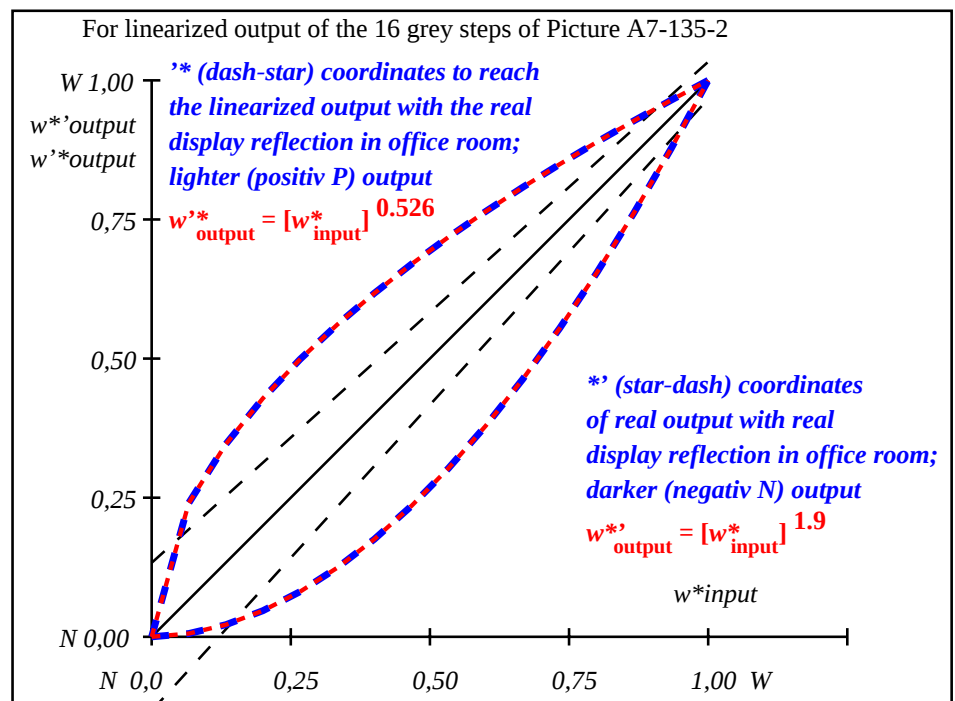
Start output S1
Specification according to
ISO/IEC 15775 Annex G
and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIELAB} = 8.3$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIELAB} = 6.7$

Mean colour reproduction index: $R^*_{ab,m} = 64$

OE900-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE901-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

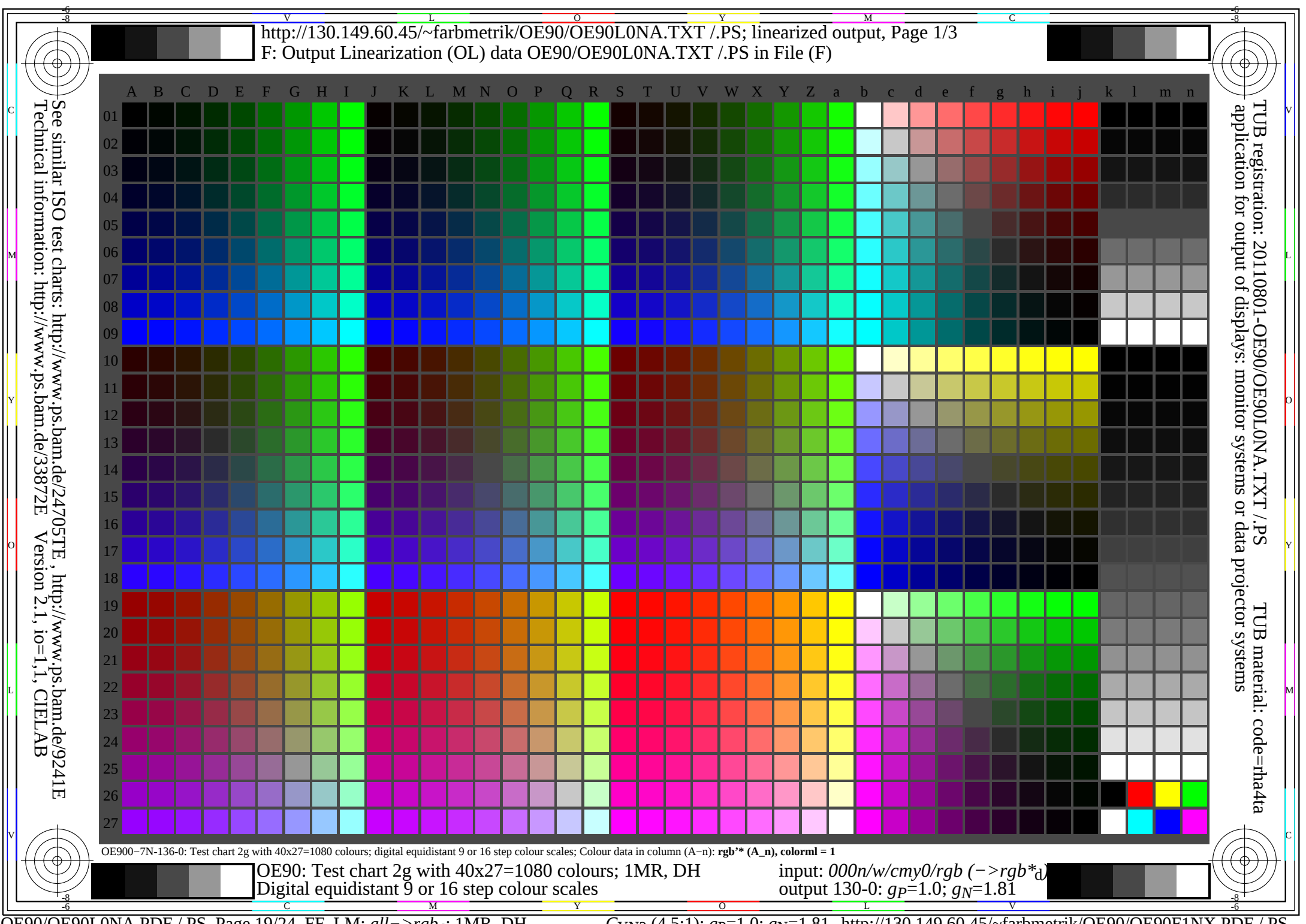
$L^*/Y_{intended}$ (absolute)	37.9/10.0	41.8/12.3	45.6/15.0	49.4/17.9	53.2/21.3	57.1/25.0	60.9/29.1	64.7/33.7	68.6/38.8	72.4/44.3	76.2/50.3	80.0/56.8	83.9/63.9	87.7/71.5	91.5/79.7	95.4/88.5
$w^* w^* w^*$ setrgb $g_N=1.6$ No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^*=l^*_{CIELAB, r}$ (relative)																
$w^*_{intended}$	0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
w^*_{out}	0.0	0.013	0.039	0.076	0.12	0.172	0.23	0.295	0.365	0.441	0.523	0.608	0.699	0.795	0.894	1.0

OE740-7N, Picture A7-135-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE90: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast $Y_W:Y_N=88,9:10$; Y_N range 7,5 to <15

input: 000n/w/cmy0/rgb (->rgb*d) output 130-2: $g_P=1.0$; $g_N=1.6$

TUB registration: 20110801-OE90/OE90L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta



http://130.149.60.45/~farbmatrik/OE90/OE90LONA.TXT /PS; linearized output, Page 2/3

F: Output Linearization (OL) data OE90/OE90LONA.TXT /PS in File (F)

		L										M										C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		A		B		C		D		E		F		G		H		I		J		K		L		M		N		O		P		Q		R		S		T		U		V		W		X		Y		Z		a		b		c		d		e		f		g		h		i		j		k		l		m		n																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
0.000	A01	0.009	B01	0.018	C01	0.027	D01	0.036	E01	0.045	F01	0.054	G01	0.063	H01	0.072	I01	0.081	J01	0.090	K01	0.099	L01	0.108	M01	0.117	N01	0.126	O01	0.135	P01	0.144	Q01	0.153	R01	0.162	S01	0.171	T01	0.180	U01	0.189	V01	0.198	W01	0.207	X01	0.216	Y01	0.225	Z01	0.234	a01	0.243	b01	0.252	c01	0.261	d01	0.270	e01	0.279	f01	0.288	g01	0.297	h01	0.306	i01	0.315	j01	0.324	k01	0.333	l01	0.342	m01	0.351	n01	0.360	0.369	0.378	0.387	0.396	0.405	0.414	0.423	0.432	0.441	0.450	0.459	0.468	0.477	0.486	0.495	0.504	0.513	0.522	0.531	0.540	0.549	0.558	0.567	0.576	0.585	0.594	0.603	0.612	0.621	0.630	0.639	0.648	0.657	0.666	0.675	0.684	0.693	0.702	0.711	0.720	0.729	0.738	0.747	0.756	0.765	0.774	0.783	0.792	0.801	0.810	0.819	0.828	0.837	0.846	0.855	0.864	0.873	0.882	0.891	0.900	0.909	0.918	0.927	0.936	0.945	0.954	0.963	0.972	0.981	0.990	0.999	1.008	1.017	1.026	1.035	1.044	1.053	1.062	1.071	1.080	1.089	1.098	1.107	1.116	1.125	1.134	1.143	1.152	1.161	1.170	1.179	1.188	1.197	1.206	1.215	1.224	1.233	1.242	1.251	1.260	1.269	1.278	1.287	1.296	1.305	1.314	1.323	1.332	1.341	1.350	1.359	1.368	1.377	1.386	1.395	1.404	1.413	1.422	1.431	1.440	1.449	1.458	1.467	1.476	1.485	1.494	1.503	1.512	1.521	1.530	1.539	1.548	1.557	1.566	1.575	1.584	1.593	1.602	1.611	1.620	1.629	1.638	1.647	1.656	1.665	1.674	1.683	1.692	1.701	1.710	1.719	1.728	1.737	1.746	1.755	1.764	1.773	1.782	1.791	1.800	1.809	1.818	1.827	1.836	1.845	1.854	1.863	1.872	1.881	1.890	1.899	1.908	1.917	1.926	1.935	1.944	1.953	1.962	1.971	1.980	1.989	1.998	2.007	2.016	2.025	2.034	2.043	2.052	2.061	2.070	2.079	2.088	2.097	2.106	2.115	2.124	2.133	2.142	2.151	2.160	2.169	2.178	2.187	2.196	2.205	2.214	2.223	2.232	2.241	2.250	2.259	2.268	2.277	2.286	2.295	2.304	2.313	2.322	2.331	2.340	2.349	2.358	2.367	2.376	2.385	2.394	2.403	2.412	2.421	2.430	2.439	2.448	2.457	2.466	2.475	2.484	2.493	2.502	2.511	2.520	2.529	2.538	2.547	2.556	2.565	2.574	2.583	2.592	2.601	2.610	2.619	2.628	2.637	2.646	2.655	2.664	2.673	2.682	2.691	2.700	2.709	2.718	2.727	2.736	2.745	2.754	2.763	2.772	2.781	2.790	2.799	2.808	2.817	2.826	2.835	2.844	2.853	2.862	2.871	2.880	2.889	2.898	2.907	2.916	2.925	2.934	2.943	2.952	2.961	2.970	2.979	2.988	2.997	3.006	3.015	3.024	3.033	3.042	3.051	3.060	3.069	3.078	3.087	3.096	3.105	3.114	3.123	3.132	3.141	3.150	3.159	3.168	3.177	3.186	3.195	3.204	3.213	3.222	3.231	3.240	3.249	3.258	3.267	3.276	3.285	3.294	3.303	3.312	3.321	3.330	3.339	3.348	3.357	3.366	3.375	3.384	3.393	3.402	3.411	3.420	3.429	3.438	3.447	3.456	3.465	3.474	3.483	3.492	3.501	3.510	3.519	3.528	3.537	3.546	3.555	3.564	3.573	3.582	3.591	3.600	3.609	3.618	3.627	3.636	3.645	3.654	3.663	3.672	3.681	3.690	3.699	3.708	3.717	3.726	3.735	3.744	3.753	3.762	3.771	3.780	3.789	3.798	3.807	3.816	3.825	3.834	3.843	3.852	3.861	3.870	3.879	3.888	3.897	3.906	3.915	3.924	3.933	3.942	3.951	3.960	3.969	3.978	3.987	3.996	4.005	4.014	4.023	4.032	4.041	4.050	4.059	4.068	4.077	4.086	4.095	4.104	4.113	4.122	4.131	4.140	4.149	4.158	4.167	4.176	4.185	4.194	4.203	4.212	4.221	4.230	4.239	4.248	4.257	4.266	4.275	4.284	4.293	4.302	4.311	4.320	4.329	4.338	4.347	4.356	4.365	4.374	4.383	4.392	4.401	4.410	4.419	4.428	4.437	4.446	4.455	4.464	4.473	4.482	4.491	4.500	4.509	4.518	4.527	4.536	4.545	4.554	4.563	4.572	4.581	4.590	4.599	4.608	4.617	4.626	4.635	4.644	4.653	4.662	4.671	4.680	4.689	4.698	4.707	4.716	4.725	4.734	4.743	4.752	4.761	4.770	4.779	4.788	4.797	4.806	4.815	4.824	4.833	4.842	4.851	4.860	4.869	4.878	4.887	4.896	4.905	4.914	4.923	4.932	4.941	4.950	4.959	4.968	4.977	4.986	4.995	5.004	5.013	5.022	5.031	5.040	5.049	5.058	5.067	5.076	5.085	5.094	5.103	5.112	5.121	5.130	5.139	5.148	5.157	5.166	5.175	5.184	5.193	5.202	5.211	5.220	5.229	5.238	5.247	5.256	5.265	5.274	5.283	5.292	5.301	5.310	5.319	5.328	5.337	5.346	5.355	5.364	5.373	5.382	5.391	5.400	5.409	5.418	5.427	5.436	5.445	5.454	5.463	5.472	5.481	5.490	5.499	5.508	5.517	5.526	5.535	5.544	5.553	5.562	5.571	5.580	5.589	5.598	5.607	5.616	5.625	5.634	5.643	5.652	5.661	5.670	5.679	5.688	5.697	5.706	5.715	5.724	5.733	5.742	5.751	5.760	5.769	5.778	5.787	5.796	5.805	5.814	5.823	5.832	5.841	5.850	5.859	5.868	5.877	5.886	5.895	5.904	5.913	5.922	5.931	5.940	5.949	5.958	5.967	5.976	5.985	5.994	6.003	6.012	6.021	6.030	6.039	6.048	6.057	6.066	6.075	6.084	6.093	6.102	6.111	6.120	6.129	6.138	6.147	6.156	6.165	6.174	6.183	6.192	6.201	6.210	6.219	6.228	6.237	6.246	6.255	6.264	6.273	6.282	6.291	6.300	6.309	6.318	6.327	6.336	6.345	6.354	6.363	6.372	6.381	6.390	6.399	6.408	6.417	6.426	6.435	6.444	6.453	6.462	6.471	6.480	6.489	6.498	6.507	6.516	6.525	6.534	6.543	6.552	6.561	6.570	6.579	6.588	6.597	6.606	6.615	6.624	6.633	6.642	6.651	6.660	6.669	6.678	6.687	6.696	6.705	6.714	6.723	6.732	6.741	6.750	6.759	6.768	6.777	6.786	6.795	6.804	6.813	6.822	6.831	6.840	6.849	6.858	6.867	6.876	6.885	6.894	6.903	6.912	6.921	6.930	6.939	6.948	6.957	6.966	6.975	6.984	6.993	7.002	7.011	7.020	7.029	7.038	7.047	7.056	7.065	7.074	7.083	7.092	7.101	7.110	7.119	7.128	7.137	7.146	7.155	7.164	7.173	7.182	7.191	7.200	7.209	7.218	7.227	7.236	7.245	7.254	7.263	7.272	7.281	7.290	7.299	7.308	7.317	7.326	7.335	7.344	7.353	7.362	7.371	7.380	7.389	7.398	7.407	7.416	7.425	7.434	7.443	7.452	7.461	7.470	7.479	7.488	7.497	7.506	7.515	7.524	7.533	7.542	7.551	7.560	7.569	7.578	7.587	7.596	7.605	7.614	7.623	7.632	7.641	7.650	7.659	7.668	7.677	7.686	7.695	7.704	7.713	7.722	7.731	7.740	7.749	7.758	7.767	7.776	7.785	7.794	7.803	7.812	7.821	7.830	7.839	7.848	7.857	7.866	7.875	7.884	7.893	7.902	7.911	7.920	7.929	7.938	7.947	7.956	7.965	7.974	7.983	7.992	8.001	8.010	8.019	8.028	8.037	8.046	8.055	8.064	8.073	8.082	8.091	8.100	8.109	8.118	8.127	8.136	8.145	8.154	8.163	8.172	8.181	8.190	8.199	8.208	8.217	8.226	8.235	8.244	8.253	8.262	8.271	8.280	8.289	8.298	8.307	8.316	8.325	8.334	8.343	8.352	8.361	8.370	8.379	8.388	8.397	8.406	8.415	8.424	8.433	8.442	8.451	8.460	8.469	8.478	8.487	8.496	8.505	8.514	8.523	8.532	8.541	8.550	8.559	8.568	8.577	8.586	8.595	8.604	8.613	8.622	8.631	8.640	8.649	8.658	8.667	8.676	8.685	8.694	8.703	8.712	8.721	8.730	8.739	8.748	8.757	8.766	8.775	8.784	8.793	8.802	8.811	8.820	8.829	8.838	8.847	8.856	8.865	8.874	8.883	8.892	8.901	8.910	8.919	8.928	8.937	8.946	8.955	8.964	8.973	8.982	8.991	9.000	9.009	9.018	9.027	9.036	9.045	9.054	9.063	9.072	9.081	9.090	9.099	9.108	9.117	9.126	9.135	9.144	9.153	9.162	9.171	9.180	9.189	9.198	9.207	9.216	9.225	9.234	9.243	9.252	9.261	9.270	9.279	9.288	9.297	9.306	9.315	9.324	9.333	9.342	9.351	9.360	9.369	9.378	9.387	9.396	9.405	9.414	9.423	9.432	9.441	9.450	9.459	9.468	9.477	9.486	9.495	9.504	9.513	9.522	9.531	9.540	9.549	9.558	9.567	9.576	9.585

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE*
1	52.02 0.0 0.0	0.0 52.02 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
2	54.91 0.0 0.0	0.0 52.17 0.0	0.0 -2.73 0.0	0.0 0.0 0.0	2.74
3	57.8 0.0 0.0	0.02 52.67 0.0	0.0 -5.12 0.0	0.0 0.0 0.0	5.13
4	60.7 0.0 0.0	0.04 53.54 0.0	0.0 -7.14 0.0	0.0 0.0 0.0	7.15
5	63.59 0.0 0.0	0.06 54.79 0.0	0.0 -8.79 0.0	0.0 0.0 0.0	8.8
6	66.48 0.0 0.0	0.1 56.43 0.0	0.0 -10.04 0.0	0.0 0.0 0.0	10.05
7	69.37 0.0 0.0	0.15 58.47 0.0	0.0 -10.89 0.0	0.0 0.0 0.0	10.9
8	72.27 0.0 0.0	0.2 60.91 0.0	0.0 -11.35 0.0	0.0 0.0 0.0	11.36
9	75.16 0.0 0.0	0.27 63.75 0.0	0.0 -11.4 0.0	0.0 0.0 0.0	11.41
10	78.05 0.0 0.0	0.35 67.01 0.0	0.0 -11.03 0.0	0.0 0.0 0.0	11.04
11	80.95 0.0 0.0	0.43 70.69 0.0	0.0 -10.25 0.0	0.0 0.0 0.0	10.26
12	83.84 0.0 0.0	0.52 74.78 0.0	0.0 -9.05 0.0	0.0 0.0 0.0	9.06
13	86.73 0.0 0.0	0.63 79.3 0.0	0.0 -7.42 0.0	0.0 0.0 0.0	7.43
14	89.62 0.0 0.0	0.74 84.24 0.0	0.0 -5.38 0.0	0.0 0.0 0.0	5.39
15	92.52 0.0 0.0	0.87 89.61 0.0	0.0 -2.9 0.0	0.0 0.0 0.0	2.91
16	95.41 0.0 0.0	1.0 95.41 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
17	52.02 0.0 0.0	0.0 52.02 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
18	62.87 0.0 0.0	0.06 54.44 0.0	0.0 -8.41 0.0	0.0 0.0 0.0	8.42
19	73.71 0.0 0.0	0.24 62.28 0.0	0.0 -11.42 0.0	0.0 0.0 0.0	11.43
20	84.56 0.0 0.0	0.55 75.87 0.0	0.0 -8.68 0.0	0.0 0.0 0.0	8.69
21	95.41 0.0 0.0	1.0 95.41 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01

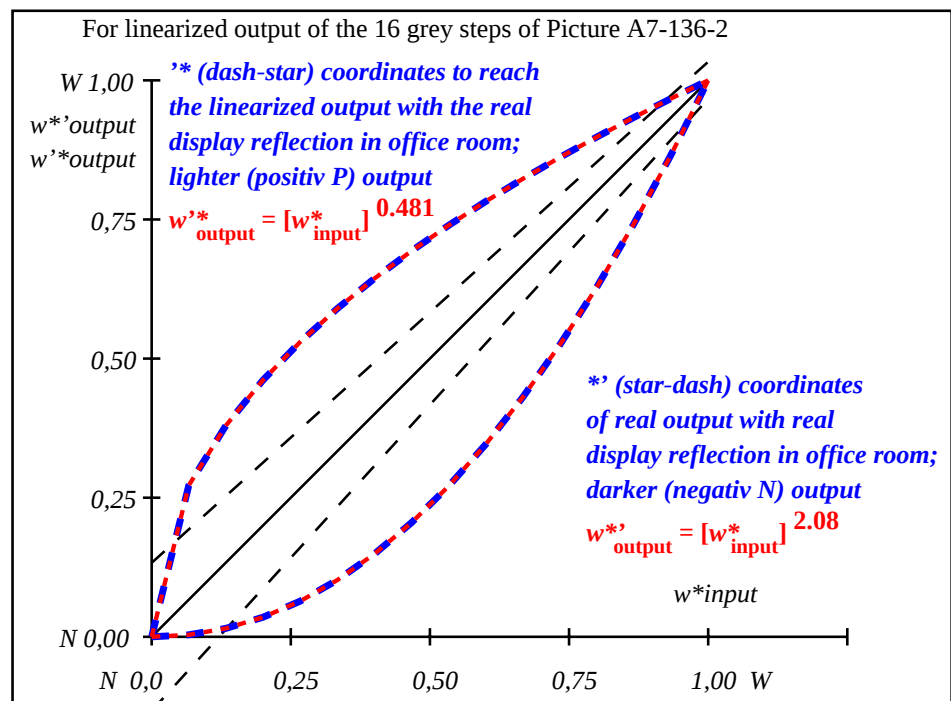
Start output S1
Specification according to
ISO/IEC 15775 Annex G
and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIELAB} = 7.1$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIELAB} = 5.7$

Mean colour reproduction index: $R^*_{ab,m} = 69$

OE900-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE901-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

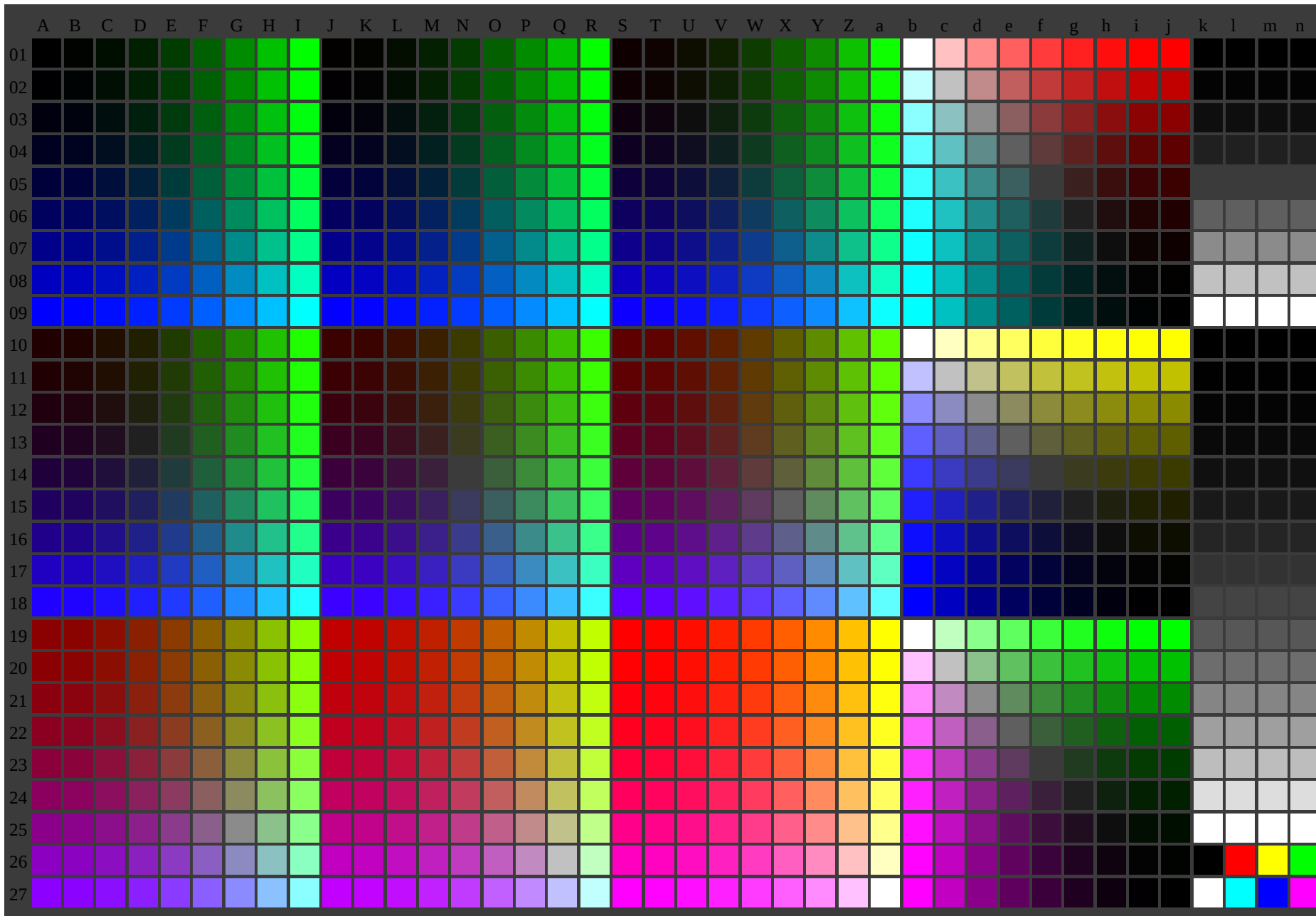
$L^*/Y_{intended}$ (absolute)	52.0/20.1	54.9/22.8	57.8/25.7	60.6/28.9	63.5/32.2	66.4/35.9	69.3/39.8	72.2/44.0	75.1/48.5	78.0/53.3	80.9/58.3	83.8/63.7	86.7/69.4	89.6/75.4	92.5/81.8	95.4/88.5
$w^* w^* w^*$ setrgb																
$g_N=1.81$ No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^*=l^*_{CIELAB, r}$ (relative)																
$w^*_{intended}$	0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
w^*_{out}	0.0	0.007	0.025	0.053	0.09	0.135	0.189	0.25	0.318	0.395	0.478	0.568	0.666	0.771	0.881	1.0

OE740-7N, Picture A7-136-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE90: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast $Y_W:Y_N=88,9:20$; Y_N range 15 to <30

input: 000n/w/cmy0/rgb (->rgb* d)
output 130-2: $g_P=1.0$; $g_N=1.81$

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB



OE900-7N-137-0: Test chart 2g with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^* \cdot (A_n)$, $colorml = 1$

OE90: Test chart 2g with 40x27=1080 colours; 1MR, DH
Digital equidistant 9 or 16 step colour scales

input: $000n/w/cmy0/rgb (->rgb^*_d)$
output 130-0: $g_P=1.0; g_N=2.1$

TUB registration: 20110801-OE90/OE90L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rha4ta

Technical information: <http://www.ps.ban.de/247051E>, <http://www.ps.ban.de/9241E>
Version 2.1, io=1.1, CIE LAB

TUB registration: 20110801-0E90/0E90LONA.TXT / .PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rha4ta

http://130.149.60.45/~farbmeterik/OE90/OE90LONA.TXT / .PS; linearized output, Page 2/3
F: Output Linearization (OL) data OE90/OE90LONA.TXT / .PS in File (F)

See similar ISO test charts: <http://www.ps.ban.de/247051E>, <http://www.ps.ban.de/9241E>

OE900-7N-137-1: Test chart 2g with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*(A_j + k26_n27)$, $000n^*(k)$, $w^*(l)$, $nnn0^*(m)$, $www^*(n)$, $colorml = 1$

OE90: Test chart 2g with 40x27=1080 colours; 1MR, DH
Digital equidistant 9 or 16 step colour scales

input: $000n/w/cmy0/rgb^*(->rgb^*(a))$
output 130-1: $g_P=1.0$; $g_N=2.1$

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k l m n

0000 A01 0009 B01 0018 C01 0027 D02 0036 E01 0045 F01 0054 G01 0063 H01 0072 I01 0081 J01 0090 K01 0100 L01 0108 M01 0117 N01 0126 O01 0135 P01 0144 Q01 0153 R01 0162 S01 0171 T01 0180 U01 0189 V01 0198 W01 0207 X01 0216 Y01 0225 Z01 0234 a01 0243 b01 0252 c01 0261 d01 0270 e01 0279 f01 0288 g01 0297 h01 0306 i01 0315 j01 0324 k01 0333 l01 0342 m01 0351 n01 0360 o01 0369 p01 0378 q01 0387 r01 0396 s01 0405 t01 0414 u01 0423 v01 0432 w01 0441 x01 0450 y01 0459 z01 0468 101 0477 201 0486 301 0495 401 0504 501 0513 601 0522 701 0531 801 0540 901 0549 101 0558 201 0567 301 0576 401 0585 501 0594 601 0603 701 0612 801 0621 901 0630 101 0639 201 0648 301 0657 401 0666 501 0675 601 0684 701 0693 801 0702 901 0711 101 0720 201 0729 301 0738 401 0747 501 0756 601 0765 701 0774 801 0783 901 0792 101 0801 201 0810 301 0819 401 0828 501 0837 601 0846 701 0855 801 0864 901 0873 101 0882 201 0891 301 0900 401 0909 501 0918 601 0927 701 0936 801 0945 901 0954 101 0963 201 0972 301 0981 401 0990 501 0999 601 1008 701 1017 801 1026 901 1035 101 1044 201 1053 301 1062 401 1071 501 1080 601 1089 701 1098 801 1107 901 1116 101 1125 201 1134 301 1143 401 1152 501 1161 601 1170 701 1179 801 1188 901 1197 101 1206 201 1215 301 1224 401 1233 501 1242 601 1251 701 1260 801 1269 901 1278 101 1287 201 1296 301 1305 401 1314 501 1323 601 1332 701 1341 801 1350 901 1359 101 1368 201 1377 301 1386 401 1395 501 1404 601 1413 701 1422 801 1431 901 1440 101 1449 201 1458 301 1467 401 1476 501 1485 601 1494 701 1503 801 1512 901 1521 101 1530 201 1539 301 1548 401 1557 501 1566 601 1575 701 1584 801 1593 901 1602 101 1611 201 1620 301 1629 401 1638 501 1647 601 1656 701 1665 801 1674 901 1683 101 1692 201 1701 301 1710 401 1719 501 1728 601 1737 701 1746 801 1755 901 1764 101 1773 201 1782 301 1791 401 1800 501 1809 601 1818 701 1827 801 1836 901 1845 101 1854 201 1863 301 1872 401 1881 501 1890 601 1900 701 1909 801 1918 901 1927 101 1936 201 1945 301 1954 401 1963 501 1972 601 1981 701 1990 801 2000 901 2009 101 2018 201 2027 301 2036 401 2045 501 2054 601 2063 701 2072 801 2081 901 2090 101 2099 201 2108 301 2117 401 2126 501 2135 601 2144 701 2153 801 2162 901 2171 101 2180 201 2189 301 2198 401 2207 501 2216 601 2225 701 2234 801 2243 901 2252 101 2261 201 2270 301 2279 401 2288 501 2297 601 2306 701 2315 801 2324 901 2333 101 2342 201 2351 301 2360 401 2369 501 2378 601 2387 701 2396 801 2405 901 2414 101 2423 201 2432 301 2441 401 2450 501 2459 601 2468 701 2477 801 2486 901 2495 101 2504 201 2513 301 2522 401 2531 501 2540 601 2549 701 2558 801 2567 901 2576 101 2585 201 2594 301 2603 401 2612 501 2621 601 2630 701 2639 801 2648 901 2657 101 2666 201 2675 301 2684 401 2693 501 2702 601 2711 701 2720 801 2729 901 2738 101 2747 201 2756 301 2765 401 2774 501 2783 601 2792 701 2801 801 2810 901 2819 101 2828 201 2837 301 2846 401 2855 501 2864 601 2873 701 2882 801 2891 901 2900 101 2909 201 2918 301 2927 401 2936 501 2945 601 2954 701 2963 801 2972 901 2981 101 2990 201 3000 301 3009 401 3018 501 3027 601 3036 701 3045 801 3054 901 3063 101 3072 201 3081 301 3090 401 3099 501 3108 601 3117 701 3126 801 3135 901 3144 101 3153 201 3162 301 3171 401 3180 501 3189 601 3198 701 3207 801 3216 901 3225 101 3234 201 3243 301 3252 401 3261 501 3270 601 3279 701 3288 801 3297 901 3306 101 3315 201 3324 301 3333 401 3342 501 3351 601 3360 701 3369 801 3378 901 3387 101 3396 201 3405 301 3414 401 3423 501 34

Technical information: <http://www.ps.ban.de/247051E>, <http://www.ps.ban.de/9241E>
Version 2.1, io=1.1, CIE LAB

TUB registration: 20110801-0E90/0E90LONA.TXT / .PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rha4ta

http://130.149.60.45/~farbmeterik/OE90/OE90LONA.TXT / .PS; linearized output, Page 2/3
F: Output Linearization (OL) data OE90/OE90LONA.TXT / .PS in File (F)

See similar ISO test charts: <http://www.ps.ban.de/247051E>, <http://www.ps.ban.de/9241E>

OE900-7N-137-1: Test chart 2g with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*(A_j + k26_n27)$, $000n^*(k)$, $w^*(l)$, $nnn0^*(m)$, $www^*(n)$, $colorml = 1$

OE90: Test chart 2g with 40x27=1080 colours; 1MR, DH
Digital equidistant 9 or 16 step colour scales

input: $000n/w/cmy0/rgb^*(->rgb^*(a))$
output 130-1: $g_P=1.0$; $g_N=2.1$

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k l m n

0000 A01 0009 B01 0018 C01 0027 D02 0036 E02 0045 F01 0054 G01 0063 H01 0072 I01 0081 J01 0090 K01 0100 L01 0108 M01 0117 N01 0126 O01 0135 P01 0144 Q01 0153 R01 0162 S01 0171 T01 0180 U01 0189 V01 0198 W01 0207 X01 0216 Y01 0225 Z01 0234 a01 0243 b01 0252 c01 0261 d01 0270 e01 0279 f01 0288 g01 0297 h01 0306 i01 0315 j01 0324 k01 0333 l01 0342 m01 0351 n01 0360 o01 0369 p01 0378 q01 0387 r01 0396 s01 0405 t01 0414 u01 0423 v01 0432 w01 0441 x01 0450 y01 0459 z01 0468 101 0477 201 0486 301 0495 401 0504 501 0513 601 0522 701 0531 801 0540 901 0549 101 0558 201 0567 301 0576 401 0585 501 0594 601 0603 701 0612 801 0621 901 0630 101 0639 201 0648 301 0657 401 0666 501 0675 601 0684 701 0693 801 0702 901 0711 101 0720 201 0729 301 0738 401 0747 501 0756 601 0765 701 0774 801 0783 901 0792 101 0801 201 0810 301 0819 401 0828 501 0837 601 0846 701 0855 801 0864 901 0873 101 0882 201 0891 301 0900 401 0909 501 0918 601 0927 701 0936 801 0945 901 0954 101 0963 201 0972 301 0981 401 0990 501 0999 601 1008 701 1017 801 1026 901 1035 101 1044 201 1053 301 1062 401 1071 501 1080 601 1089 701 1098 801 1107 901 1116 101 1125 201 1134 301 1143 401 1152 501 1161 601 1170 701 1179 801 1188 901 1197 101 1206 201 1215 301 1224 401 1233 501 1242 601 1251 701 1260 801 1269 901 1278 101 1287 201 1296 301 1305 401 1314 501 1323 601 1332 701 1341 801 1350 901 1359 101 1368 201 1377 301 1386 401 1395 501 1404 601 1413 701 1422 801 1431 901 1440 101 1449 201 1458 301 1467 401 1476 501 1485 601 1494 701 1503 801 1512 901 1521 101 1530 201 1539 301 1548 401 1557 501 1566 601 1575 701 1584 801 1593 901 1602 101 1611 201 1620 301 1629 401 1638 501 1647 601 1656 701 1665 801 1674 901 1683 101 1692 201 1701 301 1710 401 1719 501 1728 601 1737 701 1746 801 1755 901 1764 101 1773 201 1782 301 1791 401 1800 501 1809 601 1818 701 1827 801 1836 901 1845 101 1854 201 1863 301 1872 401 1881 501 1890 601 1900 701 1909 801 1918 901 1927 101 1936 201 1945 301 1954 401 1963 501 1972 601 1981 701 1990 801 2000 901 2009 101 2018 201 2027 301 2036 401 2045 501 2054 601 2063 701 2072 801 2081 901 2090 101 2100 201 2109 301 2118 401 2127 501 2136 601 2145 701 2154 801 2163 901 2172 101 2181 201 2190 301 2200 401 2209 501 2218 601 2227 701 2236 801 2245 901 2254 101 2263 201 2272 301 2281 401 2290 501 2300 601 2309 701 2318 801 2327 901 2336 101 2345 201 2354 301 2363 401 2372 501 2381 601 2390 701 2400 801 2409 901 2418 101 2427 201 2436 301 2445 401 2454 501 2463 601 2472 701 2481 801 2490 901 2500 101 2509 201 2518 301 2527 401 2536 501 2545 601 2554 701 2563 801 2572 901 2581 101 2590 201 2600 301 2609 401 2618 501 2627 601 2636 701 2645 801 2654 901 2663 101 2672 201 2681 301 2690 401 2700 501 2709 601 2718 701 2727 801 2736 901 2745 101 2754 201 2763 301 2772 401 2781 501 2790 601 2800 701 2809 801 2818 901 2827 101 2836 201 2845 301 2854 401 2863 501 2872 601 2881 701 2890 801 2900 901 2909 101 2918 201 2927 301 2936 401 2945 501 2954 601 2963 701 2972 801 2981 901 2990 101 3000 201 3009 301 3018 401 3027 501 3036 601 3045 701 3054 801 3063 901 3072 101 3081 201 3090 301 3100 401 3109 501 3118 601 3127 701 3136 801 3145 901 3154 101 3163 201 3172 301 3181 401 3190 501 3200 601 3209 701 3218 801 3227 901 3236 101 3245 201 3254 301 3263 401 3272 501 3281 601 3290 701 3300 801 3309 901 3318 101 3327 201 3336 301 3345 401 3354 501 3363 601 3372 701 3381 801 3390 901 3400 101 3409 201 3418 301 3427 401 3436 501 34

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE*
1	69.7 0.0 0.0	69.7 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
2	71.41 0.0 0.0	69.75 0.0 0.0	-1.65 0.0 0.0	0.0 0.0 0.0	1.66
3	73.13 0.0 0.0	69.97 0.0 0.0	-3.15 0.0 0.0	0.0 0.0 0.0	3.16
4	74.84 0.0 0.0	70.37 0.0 0.0	-4.46 0.0 0.0	0.0 0.0 0.0	4.47
5	76.55 0.0 0.0	70.99 0.0 0.0	-5.55 0.0 0.0	0.0 0.0 0.0	5.56
6	78.27 0.0 0.0	71.84 0.0 0.0	-6.41 0.0 0.0	0.0 0.0 0.0	6.42
7	79.98 0.0 0.0	72.94 0.0 0.0	-7.03 0.0 0.0	0.0 0.0 0.0	7.04
8	81.7 0.0 0.0	74.29 0.0 0.0	-7.4 0.0 0.0	0.0 0.0 0.0	7.41
9	83.41 0.0 0.0	75.91 0.0 0.0	-7.49 0.0 0.0	0.0 0.0 0.0	7.5
10	85.12 0.0 0.0	77.8 0.0 0.0	-7.31 0.0 0.0	0.0 0.0 0.0	7.32
11	86.84 0.0 0.0	79.98 0.0 0.0	-6.85 0.0 0.0	0.0 0.0 0.0	6.86
12	88.55 0.0 0.0	82.45 0.0 0.0	-6.09 0.0 0.0	0.0 0.0 0.0	6.1
13	90.27 0.0 0.0	85.23 0.0 0.0	-5.03 0.0 0.0	0.0 0.0 0.0	5.04
14	91.98 0.0 0.0	88.3 0.0 0.0	-3.67 0.0 0.0	0.0 0.0 0.0	3.68
15	93.7 0.0 0.0	91.7 0.0 0.0	-1.99 0.0 0.0	0.0 0.0 0.0	2.0
16	95.41 0.0 0.0	95.41 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
17	69.7 0.0 0.0	69.7 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
18	76.13 0.0 0.0	70.82 0.0 0.0	-5.3 0.0 0.0	0.0 0.0 0.0	5.31
19	82.55 0.0 0.0	75.07 0.0 0.0	-7.48 0.0 0.0	0.0 0.0 0.0	7.49
20	88.98 0.0 0.0	83.12 0.0 0.0	-5.85 0.0 0.0	0.0 0.0 0.0	5.86
21	95.41 0.0 0.0	95.41 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01

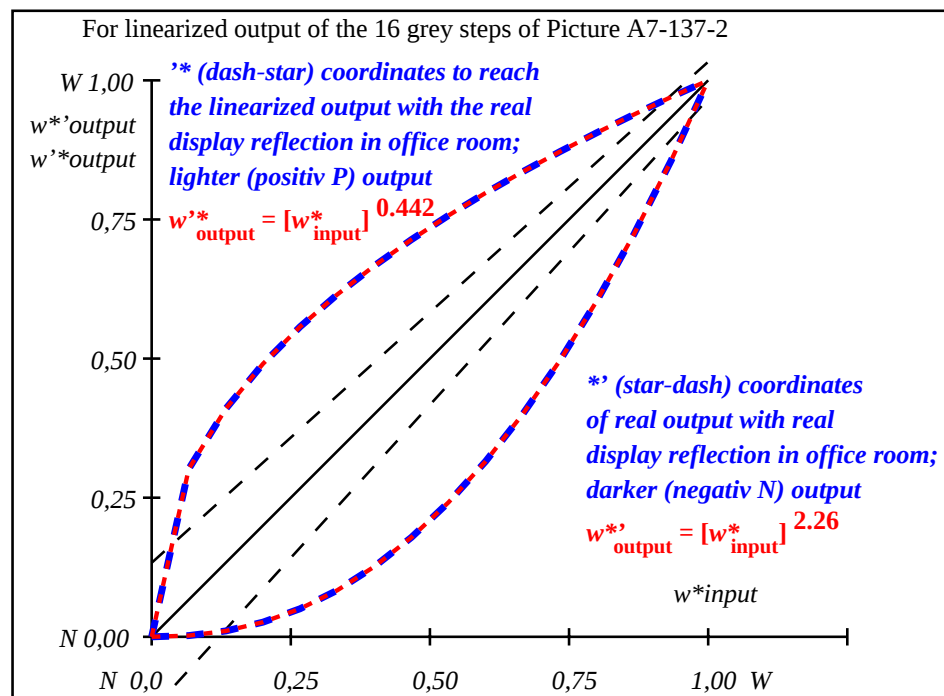
Start output S1
Specification according to
ISO/IEC 15775 Annex G
and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIELAB} = 4.6$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIELAB} = 3.7$

Mean colour reproduction index: $R^*_{ab,m} = 80$

OE900-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE901-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	69.6/40.3	71.4/42.7	73.1/45.3	74.8/48.0	76.5/50.7	78.2/53.6	79.9/56.6	81.6/59.7	83.4/62.9	85.1/66.2	86.8/69.6	88.5/73.2	90.2/76.8	91.9/80.6	93.6/84.5	95.4/88.5
$w^* w^* w^*$ setrgb $g_N=2.1$																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^*=l^*_{CIELAB,r}$ (relative)																
$w^*_{intended}$	0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
w^*_{out}	0.0	0.003	0.014	0.033	0.062	0.098	0.145	0.201	0.265	0.341	0.426	0.52	0.625	0.74	0.864	1.0

OE740-7N, Picture A7-137-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^* setrgbcolor$

OE90: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast $Y_W:Y_N=88,9:40$; Y_N range 30 to <60

input: 000n/w/cmy0/rgb (->rgb*d)
output 130-2: $g_P=1.0$; $g_N=2.1$

TUB registration: 20110801-OE90/OE90L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta