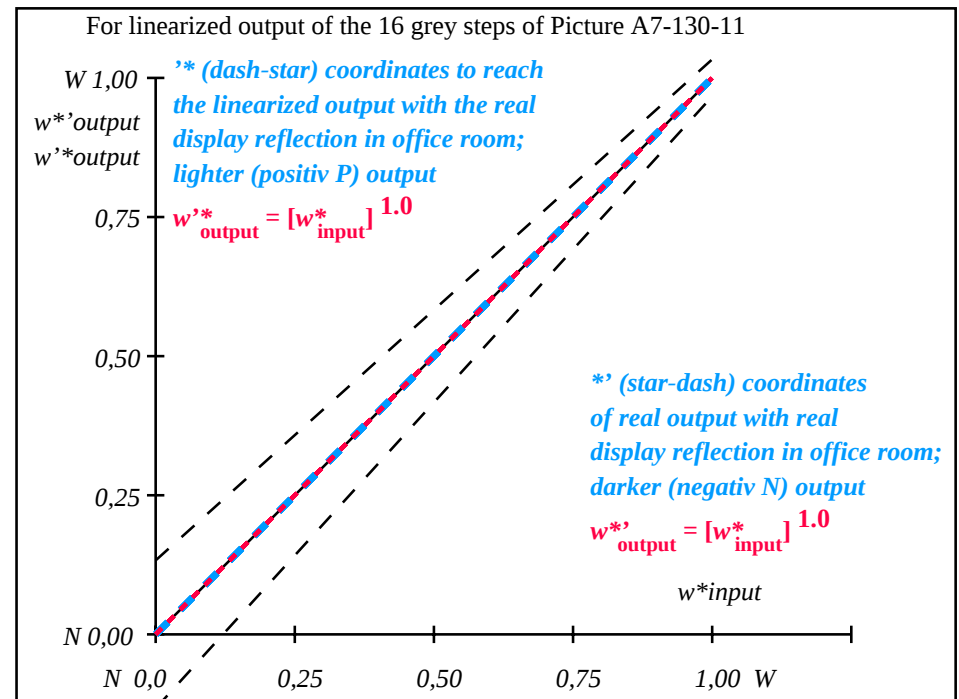


See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
1	0.0	0.0	0.0	0.0	0.0	0.01
2	6.36	0.0	0.07	6.36	0.0	0.01
3	12.72	0.0	0.13	12.72	0.0	0.01
4	19.08	0.0	0.2	19.08	0.0	0.01
5	25.44	0.0	0.27	25.44	0.0	0.01
6	31.8	0.0	0.33	31.8	0.0	0.01
7	38.16	0.0	0.4	38.16	0.0	0.01
8	44.52	0.0	0.47	44.52	0.0	0.01
9	50.89	0.0	0.53	50.89	0.0	0.01
10	57.25	0.0	0.6	57.25	0.0	0.01
11	63.61	0.0	0.67	63.61	0.0	0.01
12	69.97	0.0	0.73	69.97	0.0	0.01
13	76.33	0.0	0.8	76.33	0.0	0.01
14	82.69	0.0	0.87	82.69	0.0	0.01
15	89.05	0.0	0.93	89.05	0.0	0.01
16	95.41	0.0	1.0	95.41	0.0	0.01
17	0.0	0.0	0.0	0.0	0.0	0.01
18	23.85	0.0	0.25	23.85	0.0	0.01
19	47.71	0.0	0.5	47.71	0.0	0.01
20	71.56	0.0	0.75	71.56	0.0	0.01
21	95.41	0.0	1.0	95.41	0.0	0.01
Mean lightness difference (16 steps)						ΔE* _{CIELAB} = 0.0
Mean lightness difference (5 steps)						ΔL* _{CIELAB} = 0.0
Mean colour reproduction index:						R* _{ab,m} = 100

OE640-3N-130-11: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE641-3N-130-11: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	0.0/0.0	6.4/0.7	12.7/1.5	19.1/2.8	25.4/4.6	31.8/7.0	38.2/10.2	44.5/14.2	50.9/19.2	57.2/25.2	63.6/32.3	70.0/40.7	76.3/50.4	82.7/61.6	89.0/74.3	95.4/88.6
$w^* w^* w^*$ 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

OE640-7N, Picture A7-130-11: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE64: In-output relation according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:0,31$; Y_N range 0,0 to <0,46

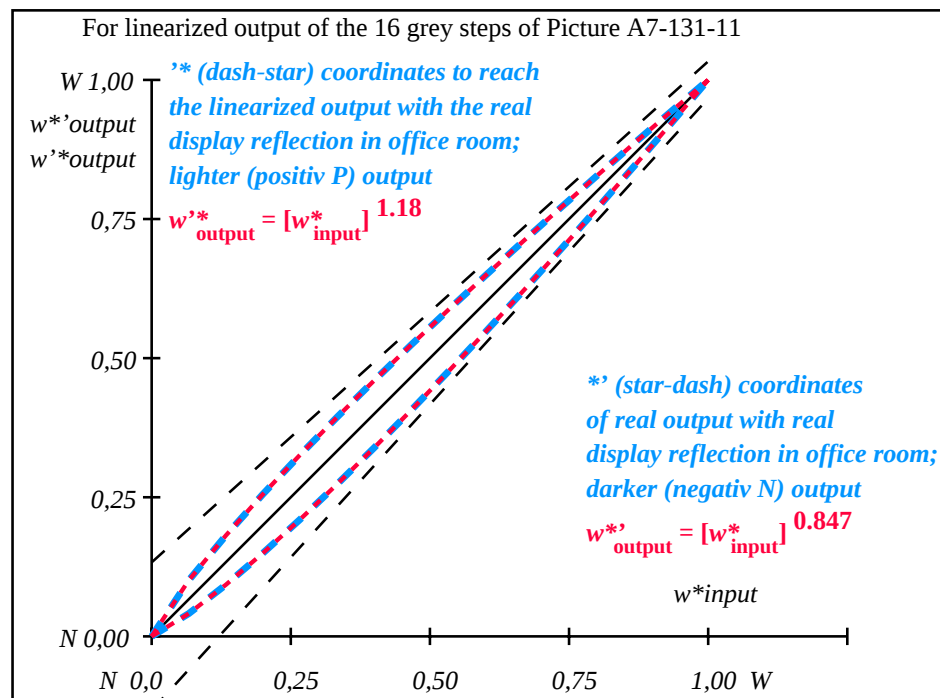
input: all ($\rightarrow rgb^*_{de}$) setrgbcolor
output 130-11: $g_P=1.0$; $g_N=1.0$

TUB registration: 20110801-OE64/OE64L0NA.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

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
1	5.69	0.0	0.0	0.0	0.0	0.01
2	11.67	0.0	0.04	9.36	0.0	2.31
3	17.65	0.0	0.09	14.01	0.0	3.64
4	23.63	0.0	0.15	19.12	0.0	4.51
5	29.62	0.0	0.21	24.55	0.0	5.07
6	35.6	0.0	0.27	30.23	0.0	5.37
7	41.58	0.0	0.34	36.12	0.0	5.46
8	47.56	0.0	0.41	42.19	0.0	5.37
9	53.54	0.0	0.48	48.42	0.0	5.12
10	59.52	0.0	0.55	54.79	0.0	4.73
11	65.5	0.0	0.62	61.29	0.0	4.21
12	71.48	0.0	0.69	67.91	0.0	3.57
13	77.47	0.0	0.77	74.64	0.0	2.83
14	83.45	0.0	0.84	81.47	0.0	1.98
15	89.43	0.0	0.92	88.4	0.0	1.03
16	95.41	0.0	1.0	95.41	0.0	0.01
17	5.69	0.0	0.0	5.69	0.0	0.01
18	28.12	0.0	0.19	23.17	0.0	4.95
19	50.55	0.0	0.44	45.29	0.0	5.26
20	72.98	0.0	0.71	69.58	0.0	3.4
21	95.41	0.0	1.0	95.41	0.0	0.01
Mean lightness difference (16 steps)					ΔE* _{CIELAB} = 3.4	
Mean lightness difference (5 steps)					ΔE* _{CIELAB} = 2.7	
Mean colour reproduction index:					R* _{ab,m} = 85	

OE640-3N-131-11: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE641-3N-131-11: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{\text{intended}}$ (absolute)	5.7/0.6	11.7/1.4	17.7/2.4	23.6/4.0	29.6/6.1	35.6/8.8	41.6/12.2	47.6/16.5	53.5/21.5	59.5/27.6	65.5/34.7	71.5/42.9	77.5/52.3	83.4/63.0	89.4/75.1	95.4/88.6
$w^* w^* w^*$ setrgb																
$g_N=1.18$ 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
$w^*=L^*_{\text{CIELAB},r}$ (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	0.273	0.339	0.407	0.476	0.547	0.62	0.693	0.769	0.845	0.921	1.0

OE640-7N, Picture A7-131-11: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE64: In-output relation according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:0,62$; Y_N range 0,46 to <0,93

input: all ($\rightarrow \text{rgb}^*_{\text{de}}$) setrgbcolor
output 130-11: $g_P=1.0$; $g_N=1.08$

TUB registration: 20110801-OE64/OE64L0NA.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

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
1	10.99	0.0	0.0	0.0	0.0	0.01
2	16.62	0.0	0.03	13.12	0.0	0.0
3	22.25	0.0	0.06	16.44	0.0	0.0
4	27.88	0.0	0.11	20.45	0.0	0.0
5	33.5	0.0	0.17	24.98	0.0	0.0
6	39.13	0.0	0.22	29.94	0.0	0.0
7	44.76	0.0	0.29	35.27	0.0	0.0
8	50.39	0.0	0.35	40.93	0.0	0.0
9	56.02	0.0	0.43	46.9	0.0	0.0
10	61.64	0.0	0.5	53.13	0.0	0.0
11	67.27	0.0	0.58	59.63	0.0	0.0
12	72.9	0.0	0.66	66.36	0.0	0.0
13	78.53	0.0	0.74	73.31	0.0	0.0
14	84.15	0.0	0.82	80.48	0.0	0.0
15	89.78	0.0	0.91	87.85	0.0	0.0
16	95.41	0.0	1.0	95.41	0.0	0.0
17	10.99	0.0	0.0	10.99	0.0	0.0
18	32.1	0.0	0.15	23.81	0.0	0.0
19	53.2	0.0	0.39	43.88	0.0	0.0
20	74.31	0.0	0.68	68.08	0.0	0.0
21	95.41	0.0	1.0	95.41	0.0	0.0

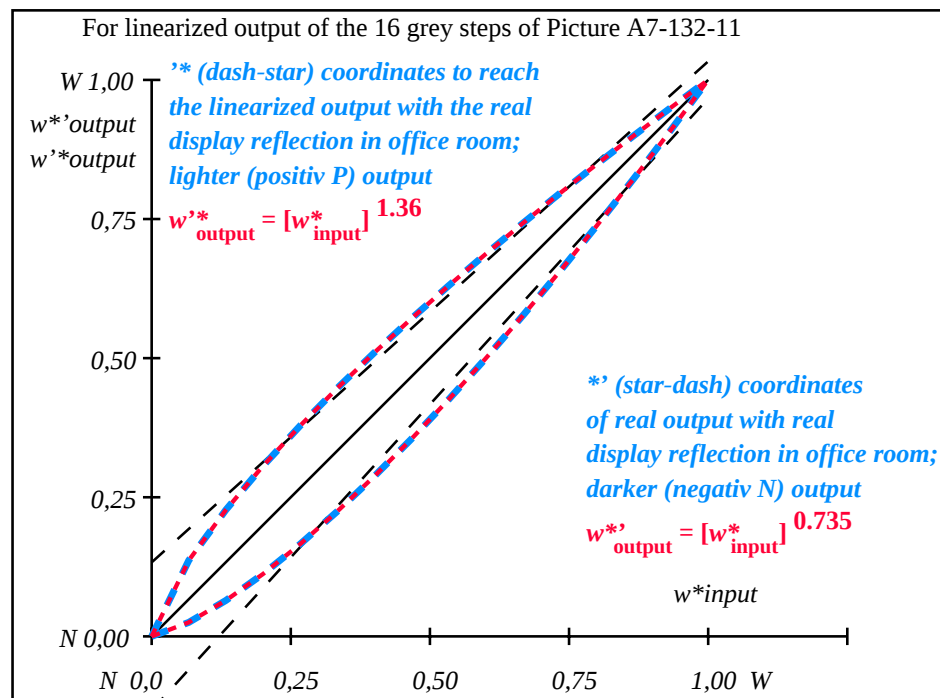
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps) $\Delta E^*_{\text{CIELAB}} = 6.0$

Mean lightness difference (5 steps) $\Delta E^*_{\text{CIELAB}} = 4.8$

Mean colour reproduction index: $R^*_{\text{ab,m}} = 74$

OE640-3N-132-11: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE641-3N-132-11: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{\text{intended}}$ (absolute)	11.0/1.3	16.6/2.2	22.2/3.6	27.9/5.4	33.5/7.8	39.1/10.7	44.8/14.4	50.4/18.7	56.0/23.9	61.6/30.0	67.3/37.0	72.9/45.0	78.5/54.1	84.2/64.4	89.8/75.8	95.4/88.6
$w^* w^* w^*$ setrgb																
$g_N=1.36$ 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
$w^* = L^*_{\text{CIELAB}, r}$ (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	0.025	0.064	0.112	0.166	0.224	0.288	0.355	0.425	0.499	0.577	0.655	0.738	0.824	0.91	1.0

OE640-7N, Picture A7-132-11: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^* \text{setrgbcolor}$

OE64: In-output relation according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:1,25$; Y_N range 0,93 to <1,87

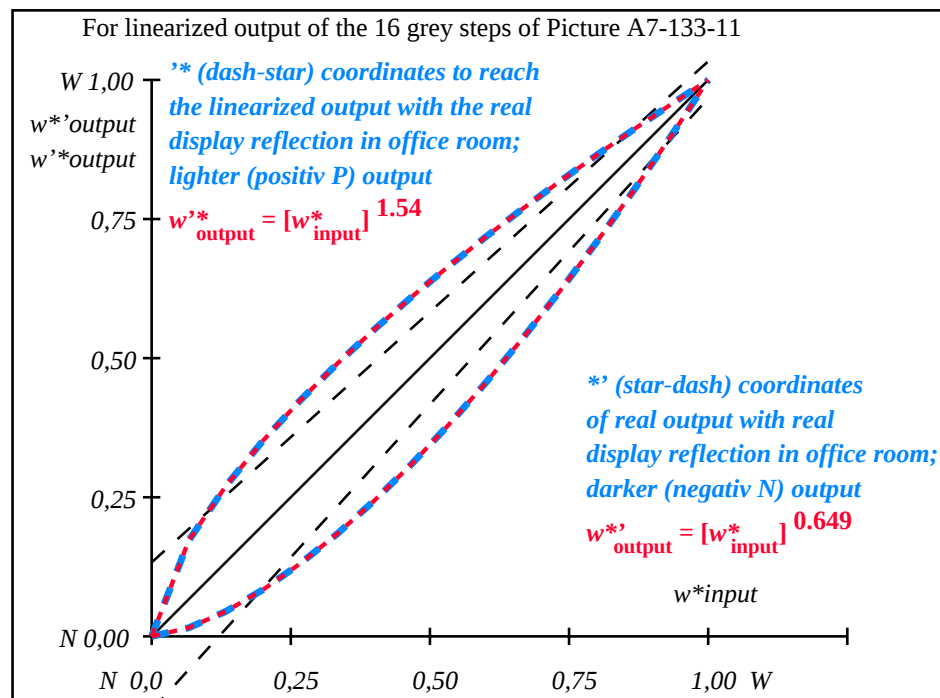
input: all ($\rightarrow \text{rgb}^*_{\text{de}}$) setrgbcolor
output 130-11: $g_P=1.0$; $g_N=1.17$

TUB registration: 20110801-OE64/OE64L0NA.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

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
1	18.01	0.0	0.0	0.0	0.01	Specification according to
2	23.17	0.0	0.02	-3.95	0.0	ISO/IEC 15775 Annex G
3	28.33	0.0	0.04	-6.83	0.0	and DIN 33866-1 Annex G
4	33.49	0.0	0.08	-8.98	0.0	
5	38.65	0.0	0.13	-10.52	0.0	
6	43.81	0.0	0.18	-11.53	0.0	
7	48.97	0.0	0.24	-12.07	0.0	
8	54.13	0.0	0.31	-12.18	0.0	
9	59.29	0.0	0.38	-11.87	0.0	
10	64.45	0.0	0.46	-11.19	0.0	
11	69.61	0.0	0.54	-10.14	0.0	
12	74.77	0.0	0.62	-8.74	0.0	
13	79.93	0.0	0.71	-7.02	0.0	
14	85.09	0.0	0.8	-4.98	0.0	
15	90.25	0.0	0.9	-2.63	0.0	Mean lightness difference (16 steps)
16	95.41	0.0	1.0	0.0	0.01	ΔE*CIELAB = 7.7
17	18.01	0.0	0.0	0.0	0.0	
18	37.36	0.0	0.12	-10.19	0.0	
19	56.71	0.0	0.34	-12.07	0.0	
20	76.06	0.0	0.64	-8.34	0.0	Mean lightness difference (5 steps)
21	95.41	0.0	1.0	0.0	0.01	ΔL*CIELAB = 6.1
Mean colour reproduction index:					R* _{ab,m} = 66	

OE640-3N-133-11: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE641-3N-133-11: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{\text{intended}}$ (absolute)	18.0/2.5	23.2/3.8	28.3/5.6	33.5/7.8	38.6/10.5	43.8/13.7	49.0/17.6	54.1/22.1	59.3/27.3	64.4/33.4	69.6/40.2	74.8/47.9	79.9/56.6	85.1/66.2	90.2/76.8	95.4/88.6
$w^* w^* w^*$ setrgb																
$g_N=1.54$ 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
$w^* = L^*_{\text{CIELAB}, r}$ (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	0.016	0.045	0.084	0.131	0.184	0.244	0.31	0.379	0.455	0.536	0.62	0.709	0.803	0.899	1.0

OE640-7N, Picture A7-133-11: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE64: In-output relation according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:2,5$; Y_N range 1,87 to <3,75

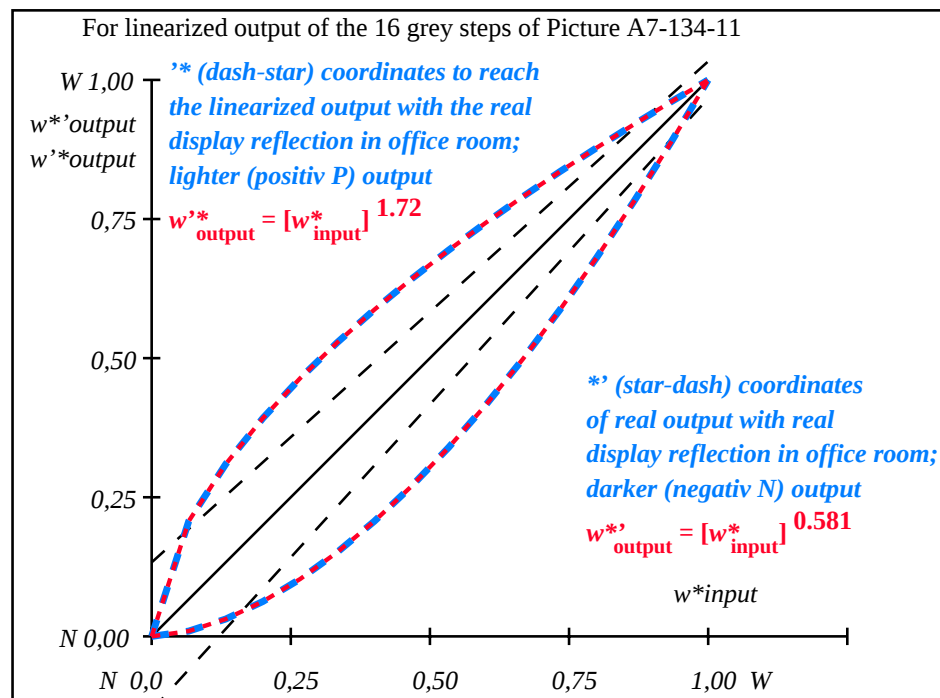
input: all ($\rightarrow$ rgb*_{de}) setrgbcolor
output 130-11: $g_P=1.0$; $g_N=1.29$

TUB registration: 20110801-OE64/OE64L0NA.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

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
1	26.85	0.0	0.0	26.85	0.0	0.0
2	31.42	0.0	0.01	27.5	0.0	-3.91
3	35.99	0.0	0.03	28.99	0.0	-6.99
4	40.56	0.0	0.06	31.15	0.0	-9.4
5	45.13	0.0	0.1	33.91	0.0	-11.21
6	49.7	0.0	0.15	37.21	0.0	-12.48
7	54.27	0.0	0.21	41.03	0.0	-13.24
8	58.84	0.0	0.27	45.33	0.0	-13.5
9	63.41	0.0	0.34	50.1	0.0	-13.3
10	67.99	0.0	0.42	55.33	0.0	-12.65
11	72.56	0.0	0.5	60.98	0.0	-11.56
12	77.13	0.0	0.59	67.06	0.0	-10.05
13	81.7	0.0	0.68	73.56	0.0	-8.13
14	86.27	0.0	0.78	80.45	0.0	-5.81
15	90.84	0.0	0.89	87.74	0.0	-3.09
16	95.41	0.0	1.0	95.41	0.0	0.0
17	26.85	0.0	0.0	26.85	0.0	0.0
18	43.99	0.0	0.09	33.17	0.0	-10.81
19	61.13	0.0	0.3	47.66	0.0	-13.46
20	78.27	0.0	0.61	68.65	0.0	-9.61
21	95.41	0.0	1.0	95.41	0.0	0.0
Mean lightness difference (16 steps)					ΔE*CIELAB = 8.5	
Mean lightness difference (5 steps)					ΔL*CIELAB = 6.8	
Mean colour reproduction index:					R* _{ab,m} = 63	

OE640-3N-134-11: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE641-3N-134-11: File: Measure unknown; Device: Device unknown; Date: Date unknown

L^*/Y_{intended} (absolute)	26.8/5.0	31.4/6.8	36.0/9.0	40.6/11.6	45.1/14.6	49.7/18.2	54.3/22.2	58.8/26.9	63.4/32.1	68.0/38.0	72.6/44.5	77.1/51.7	81.7/59.7	86.3/68.5	90.8/78.1	95.4/88.6
$w^* w^* w^*$ setrgb																
$g_N=1.72$ 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
$w^*=L^*_{\text{CIELAB},r}$ (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	0.01	0.031	0.063	0.103	0.151	0.207	0.27	0.339	0.415	0.498	0.586	0.681	0.782	0.888	1.0

OE640-7N, Picture A7-134-11: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE64: In-output relation according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:5$; Y_N range 3,75 to <7,5

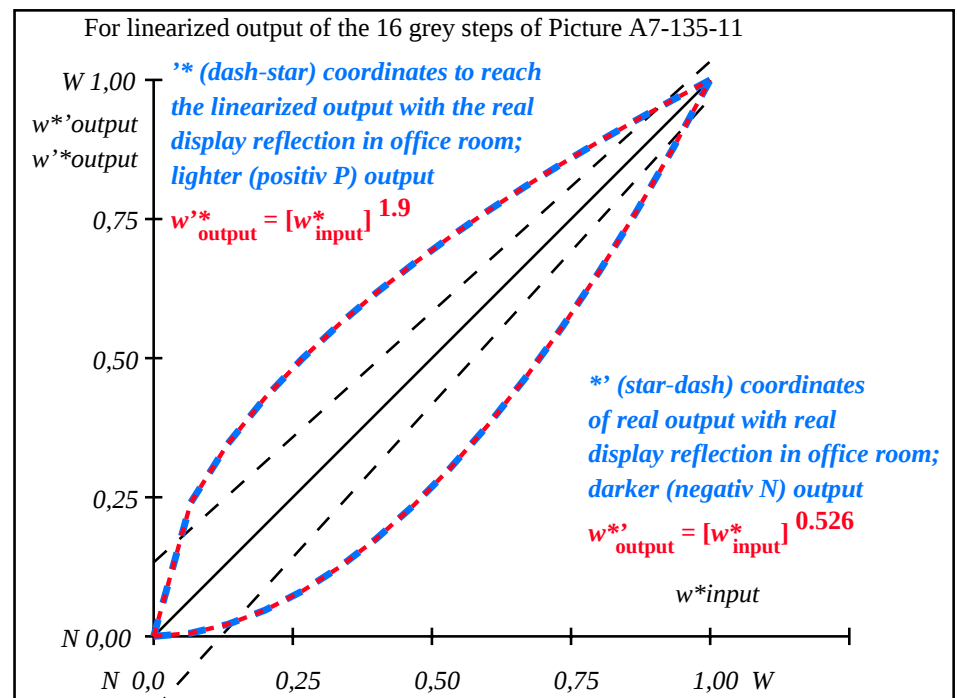
input: all ($\rightarrow rgb^*_{de}$) setrgbcolor
output 130-11: $g_P=1.0$; $g_N=1.42$

TUB registration: 20110801-OE64/OE64L0NA.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

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
1	37.99	0.0	0.0	37.99	0.0	0.0
2	41.81	0.0	0.01	38.32	0.0	-3.48
3	45.64	0.0	0.02	39.23	0.0	-6.4
4	49.47	0.0	0.05	40.68	0.0	-8.78
5	53.3	0.0	0.08	42.65	0.0	-10.64
6	57.13	0.0	0.12	45.11	0.0	-12.01
7	60.96	0.0	0.18	48.06	0.0	-12.89
8	64.78	0.0	0.24	51.48	0.0	-13.29
9	68.61	0.0	0.3	55.38	0.0	-13.22
10	72.44	0.0	0.38	59.74	0.0	-12.69
11	76.27	0.0	0.46	64.56	0.0	-11.69
12	80.1	0.0	0.55	69.84	0.0	-10.25
13	83.93	0.0	0.65	75.57	0.0	-8.35
14	87.75	0.0	0.76	81.74	0.0	-6.0
15	91.58	0.0	0.88	88.35	0.0	-3.22
16	95.41	0.0	1.0	95.41	0.0	0.0
17	37.99	0.0	0.0	37.99	0.0	0.0
18	52.34	0.0	0.07	42.11	0.0	-10.22
19	66.7	0.0	0.27	53.37	0.0	-13.32
20	81.05	0.0	0.58	71.23	0.0	-9.81
21	95.41	0.0	1.0	95.41	0.0	0.0
Mean lightness difference (16 steps)					ΔE*CIELAB = 8.3	
Mean lightness difference (5 steps)					ΔE*CIELAB = 6.7	
Mean colour reproduction index:					R* _{ab,m} = 64	

OE640-3N-135-11: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE641-3N-135-11: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{\text{intended}}$ (absolute)	38.0/10.1	41.8/12.4	45.6/15.0	49.5/18.0	53.3/21.3	57.1/25.1	61.0/29.2	64.8/33.8	68.6/38.8	72.4/44.3	76.3/50.3	80.1/56.9	83.9/63.9	87.8/71.6	91.6/79.8	95.4/88.6
$w^* w^* w^*$ setrgb $g_N=1.9$ 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
$w^* = L^*_{\text{CIELAB}, r}$ (relative)	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^*_{intended} w^*_{out}	0,000	0,006	0,022	0,047	0,081	0,124	0,175	0,235	0,303	0,379	0,463	0,554	0,654	0,762	0,877	1,0

OE640-7N, Picture A7-135-11: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE64: In-output relation according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:10$; Y_N range 7,5 to <15

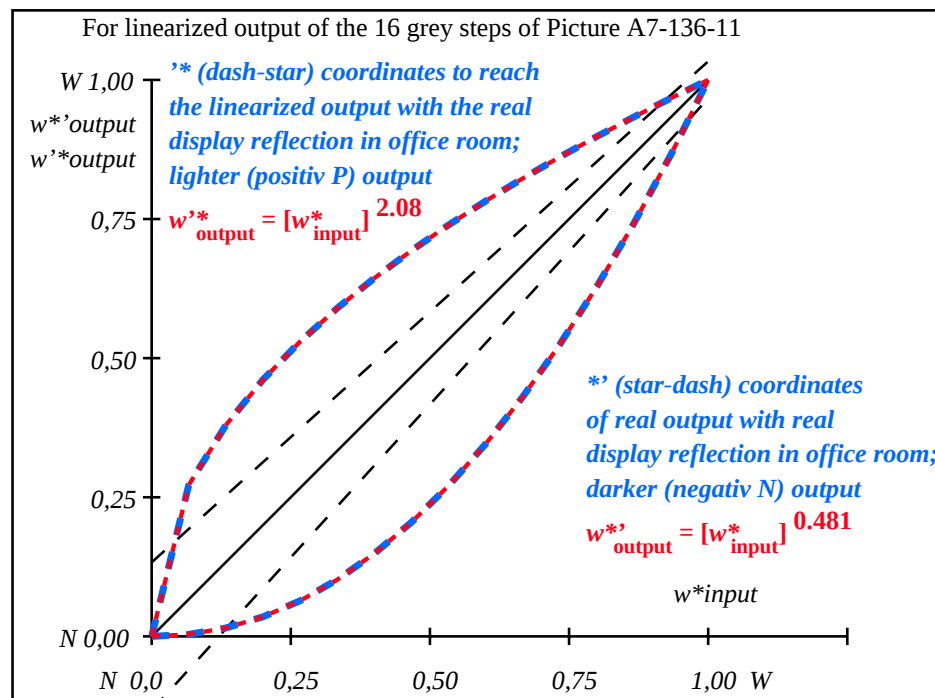
input: all ($\rightarrow \text{rgb}^*_{\text{de}}$) setrgbcolor
output 130-11: $g_P=1.0$; $g_N=1.6$

TUB registration: 20110801-OE64/OE64L0NA.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

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
1	52.02 0.0 0.0	0.0 0.0 0.0	52.02 0.0 0.0	0.0 0.0 0.0	0.01	Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G
2	54.91 0.0 0.0	0.0 0.0 0.0	52.17 0.0 0.0	-2.73 0.0 0.0	2.74	
3	57.8 0.0 0.0	0.0 0.02 0.0	52.67 0.0 0.0	-5.12 0.0 0.0	5.13	
4	60.7 0.0 0.0	0.0 0.04 0.0	53.54 0.0 0.0	-7.14 0.0 0.0	7.15	
5	63.59 0.0 0.0	0.0 0.06 0.0	54.79 0.0 0.0	-8.79 0.0 0.0	8.8	
6	66.48 0.0 0.0	0.0 0.1 0.0	56.43 0.0 0.0	-10.04 0.0 0.0	10.05	
7	69.37 0.0 0.0	0.0 0.15 0.0	58.47 0.0 0.0	-10.89 0.0 0.0	10.9	
8	72.27 0.0 0.0	0.0 0.2 0.0	60.91 0.0 0.0	-11.35 0.0 0.0	11.36	
9	75.16 0.0 0.0	0.0 0.27 0.0	63.75 0.0 0.0	-11.4 0.0 0.0	11.41	
10	78.05 0.0 0.0	0.0 0.35 0.0	67.01 0.0 0.0	-11.03 0.0 0.0	11.04	
11	80.95 0.0 0.0	0.0 0.43 0.0	70.69 0.0 0.0	-10.25 0.0 0.0	10.26	
12	83.84 0.0 0.0	0.0 0.52 0.0	74.78 0.0 0.0	-9.05 0.0 0.0	9.06	
13	86.73 0.0 0.0	0.0 0.63 0.0	79.3 0.0 0.0	-7.42 0.0 0.0	7.43	
14	89.62 0.0 0.0	0.0 0.74 0.0	84.24 0.0 0.0	-5.38 0.0 0.0	5.39	
15	92.52 0.0 0.0	0.0 0.87 0.0	89.61 0.0 0.0	-2.9 0.0 0.0	2.91	Mean lightness difference (16 steps)
16	95.41 0.0 0.0	0.0 1.0 0.0	95.41 0.0 0.0	0.0 0.0 0.0	0.01	ΔE*CIELAB = 7.1
17	52.02 0.0 0.0	0.0 0.0 0.0	52.02 0.0 0.0	0.0 0.0 0.0	0.01	
18	62.87 0.0 0.0	0.0 0.06 0.0	54.44 0.0 0.0	-8.41 0.0 0.0	8.42	
19	73.71 0.0 0.0	0.0 0.24 0.0	62.28 0.0 0.0	-11.42 0.0 0.0	11.43	
20	84.56 0.0 0.0	0.0 0.55 0.0	75.87 0.0 0.0	-8.68 0.0 0.0	8.69	Mean lightness difference (5 steps)
21	95.41 0.0 0.0	0.0 1.0 0.0	95.41 0.0 0.0	0.0 0.0 0.0	0.01	ΔL*CIELAB = 5.7
Mean colour reproduction index:					R* _{ab,m} = 69	

OE640-3N-136-11: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE641-3N-136-11: File: Measure unknown; Device: Device unknown; Date: Date unknown

L*/Y _{intended} (absolute)	52.0/20.2	54.9/22.8	57.8/25.8	60.7/28.9	63.6/32.3	66.5/36.0	69.4/39.9	72.3/44.1	75.2/48.5	78.1/53.3	80.9/58.4	83.8/63.8	86.7/69.5	89.6/75.5	92.5/81.9	95.4/88.6
w* w* w* setrgb																
g _N =2.08 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	0,004	0,015	0,035	0,064	0,102	0,149	0,205	0,27	0,346	0,431	0,524	0,629	0,743	0,866	1,0

OE640-7N, Picture A7-136-11: 16 visual equidistant L*-grey steps; PS operator: w* w* w* setrgbcolor

OE64: In-output relation according to ISO 9241-306; 1MR, DEH
Viewing Y contrast Y_W:Y_N=88,9:20; Y_N range 15 to <30

input: all (->rgb*_{de}) setrgbcolor
output 130-11: g_P=1.0; g_N=1.81

TUB registration: 20110801-OE64/OE64L0NA.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

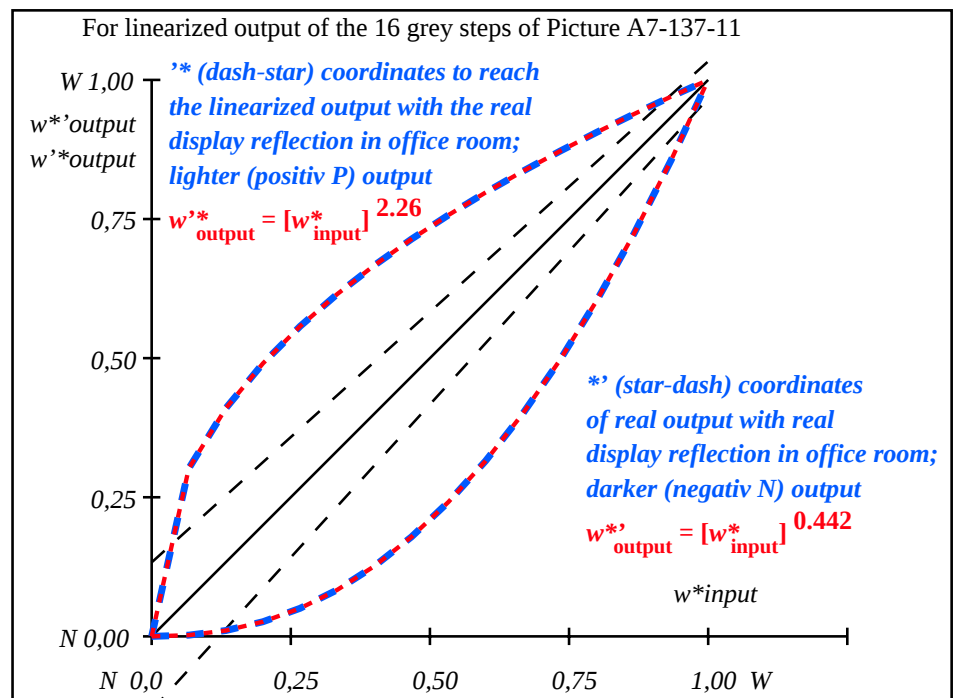
i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
1	69.7	0.0	0.0	0.0	0.0	0.01
2	71.41	0.0	0.0	0.0	0.0	1.66
3	73.13	0.0	0.0	0.0	0.0	3.16
4	74.84	0.0	0.0	0.0	0.0	4.47
5	76.55	0.0	0.0	0.0	0.0	5.56
6	78.27	0.0	0.0	0.0	0.0	6.42
7	79.98	0.0	0.0	0.0	0.0	7.04
8	81.7	0.0	0.0	0.0	0.0	7.41
9	83.41	0.0	0.0	0.0	0.0	7.5
10	85.12	0.0	0.0	0.0	0.0	7.32
11	86.84	0.0	0.0	0.0	0.0	6.86
12	88.55	0.0	0.0	0.0	0.0	6.1
13	90.27	0.0	0.0	0.0	0.0	5.04
14	91.98	0.0	0.0	0.0	0.0	3.68
15	93.7	0.0	0.0	0.0	0.0	2.0
16	95.41	0.0	0.0	0.0	0.0	0.01
17	69.7	0.0	0.0	0.0	0.0	0.01
18	76.13	0.0	0.0	0.0	0.0	5.31
19	82.55	0.0	0.0	0.0	0.0	7.49
20	88.98	0.0	0.0	0.0	0.0	5.86
21	95.41	0.0	0.0	0.0	0.0	0.01

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

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

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

OE640-3N-137-11: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE641-3N-137-11: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{\text{intended}}$ (absolute)	69.7/40.3	71.4/42.8	73.1/45.4	74.8/48.0	76.6/50.8	78.3/53.7	80.0/56.6	81.7/59.7	83.4/62.9	85.1/66.3	86.8/69.7	88.6/73.2	90.3/76.9	92.0/80.7	93.7/84.6	95.4/88.6
$w^* w^* w^*$ setrgb																
$g_N=2.26$ 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
$w^*=L^*_{\text{CIELAB},r}$ (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	0.002	0.01	0.026	0.051	0.083	0.126	0.179	0.241	0.315	0.4	0.496	0.604	0.724	0.855	1.0

OE640-7N, Picture A7-137-11: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^* \text{setrgbcolor}$

OE64: In-output relation according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:40$; Y_N range 30 to <60

input: all ($\rightarrow \text{rgb}^*_{\text{de}}$) setrgbcolor
output 130-11: $g_P=1.0$; $g_N=2.1$

TUB registration: 20110801-OE64/OE64L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta