

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, CIE LAB

TUB registration: 20110801-OE54/OE54L0NA.TXT /.PS  
 application for output of displays: monitor systems or data projector systems  
 TUB material: code=thadata

i	LAB*ref	I*out	LAB*out	LAB*out/c-ref	$\Delta E^*$
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

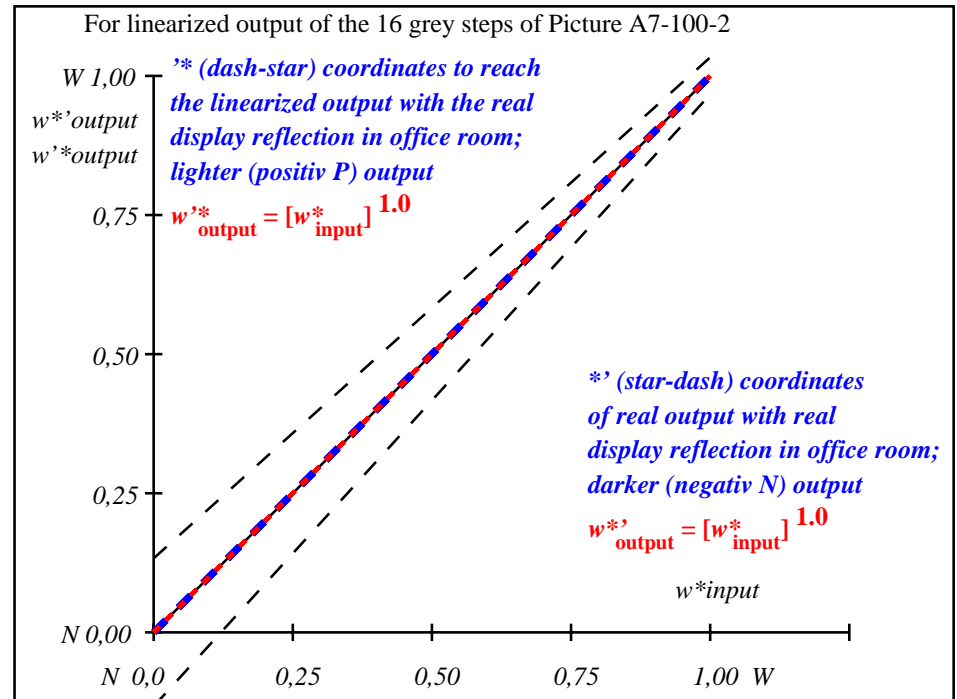
**Start output S1**  
**Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G**

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

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

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

OE540-3N-100-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE541-3N-100-2: 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
$0\ 0\ 0\ n^*$ setcmyk gp=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
$w^*_{intended}$ $w^*_{out}$	0.000 0.0	0.067 0.067	0.133 0.133	0.200 0.2	0.267 0.267	0.333 0.333	0.400 0.4	0.467 0.467	0.533 0.533	0.600 0.6	0.667 0.667	0.733 0.733	0.800 0.8	0.867 0.867	0.933 0.933	1.000 1.0

OE540-7N, Picture A7-100-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $0\ 0\ 0\ n^*$  setcmykcolor

OE54: 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: all (->rgb\*\_d) setrgbcolor  
 output 130-2: 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, CIE LAB

TUB registration: 20110801-OE54/OE54L0NA.TXT /.PS  
 application for output of displays: monitor systems or data projector systems  
 TUB material: code=rhadata

i	LAB*ref	I*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
1	5.69	0.0	0.0	5.69	0.0	0.01
2	11.67	0.0	0.05	10.49	0.0	0.0
3	17.65	0.0	0.11	15.85	0.0	0.0
4	23.63	0.0	0.18	21.44	0.0	0.0
5	29.62	0.0	0.24	27.18	0.0	0.0
6	35.6	0.0	0.3	33.05	0.0	0.0
7	41.58	0.0	0.37	39.01	0.0	0.0
8	47.56	0.0	0.44	45.05	0.0	0.0
9	53.54	0.0	0.51	51.16	0.0	0.0
10	59.52	0.0	0.58	57.34	0.0	0.0
11	65.5	0.0	0.65	63.57	0.0	0.0
12	71.48	0.0	0.72	69.85	0.0	0.0
13	77.47	0.0	0.79	76.18	0.0	0.0
14	83.45	0.0	0.86	82.55	0.0	0.0
15	89.43	0.0	0.93	88.96	0.0	0.0
16	95.41	0.0	1.0	95.41	0.0	0.0
17	5.69	0.0	0.0	5.69	0.0	0.0
18	28.12	0.0	0.22	25.74	0.0	0.0
19	50.55	0.0	0.47	48.1	0.0	0.0
20	72.98	0.0	0.73	71.43	0.0	0.0
21	95.41	0.0	1.0	95.41	0.0	0.0

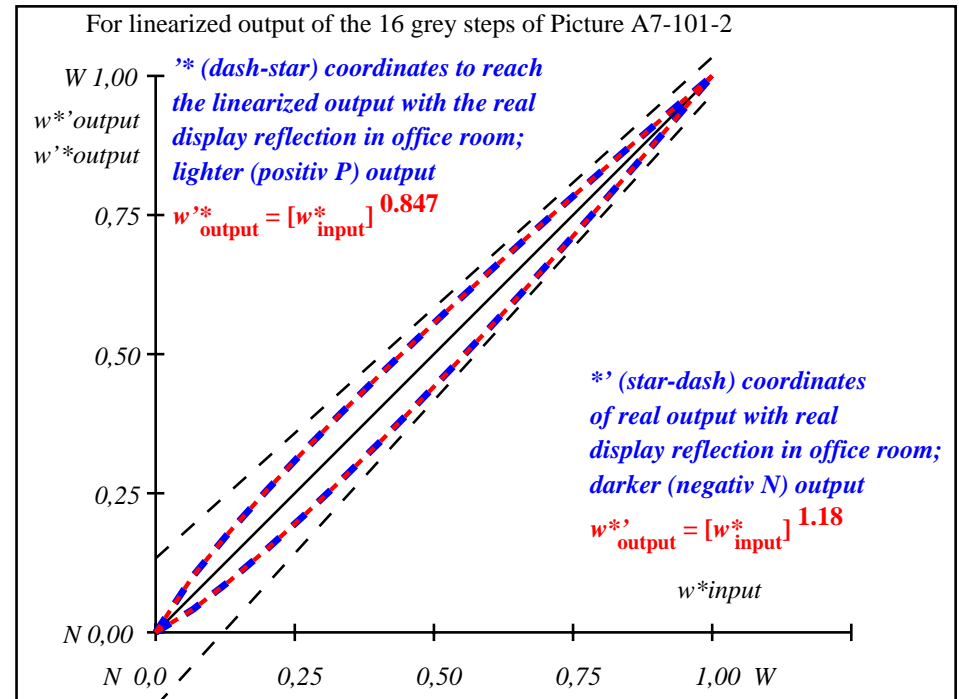
**Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G**

Mean lightness difference (16 steps)  $\Delta E^*_{CIELAB} = 1.6$

Mean lightness difference (5 steps)  $\Delta L^*_{CIELAB} = 1.3$

Mean colour reproduction index:  $R^*_{ab,m} = 93$

OE540-3N-101-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE541-3N-101-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (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
$0\ 0\ 0\ n^*$ setcmk $g_N=1.08$ 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)	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	0.054	0.113	0.176	0.24	0.305	0.371	0.439	0.506	0.576	0.645	0.715	0.786	0.857	0.928	1.0

OE540-7N, Picture A7-101-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $0\ 0\ 0\ n^*$  setcmkcolor

OE54: 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: all (->rgb\*\_d) setrgbcolor  
 output 130-2:  $g_P=1.0$ ;  $g_N=1.08$

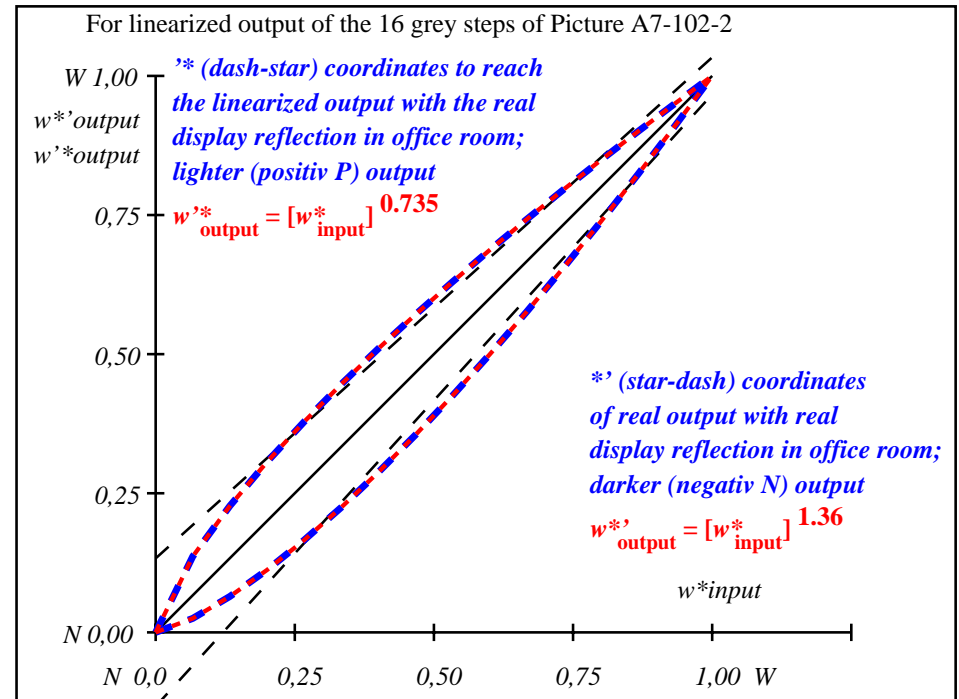
See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>  
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIE LAB

TUB registration: 20110801-OE54/OE54L0NA.TXT /.PS  
 application for output of displays: monitor systems or data projector systems  
 TUB material: code=thadata

i	LAB*ref	I*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
1	10.99 0.0 0.0	0.0 0.0	10.99 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	16.62 0.0 0.0	0.04 14.48 0.0 0.0	-2.13 0.0 0.0	2.14		
3	22.25 0.0 0.0	0.09 18.88 0.0 0.0	-3.36 0.0 0.0	3.37		
4	27.88 0.0 0.0	0.15 23.7 0.0 0.0	-4.16 0.0 0.0	4.17		
5	33.5 0.0 0.0	0.21 28.82 0.0 0.0	-4.67 0.0 0.0	4.68		
6	39.13 0.0 0.0	0.27 34.17 0.0 0.0	-4.95 0.0 0.0	4.96		
7	44.76 0.0 0.0	0.34 39.72 0.0 0.0	-5.03 0.0 0.0	5.04		
8	50.39 0.0 0.0	0.41 45.43 0.0 0.0	-4.95 0.0 0.0	4.96		
9	56.02 0.0 0.0	0.48 51.29 0.0 0.0	-4.72 0.0 0.0	4.73		
10	61.64 0.0 0.0	0.55 57.28 0.0 0.0	-4.36 0.0 0.0	4.37		
11	67.27 0.0 0.0	0.62 63.38 0.0 0.0	-3.88 0.0 0.0	3.89		
12	72.9 0.0 0.0	0.69 69.6 0.0 0.0	-3.29 0.0 0.0	3.3		
13	78.53 0.0 0.0	0.77 75.92 0.0 0.0	-2.6 0.0 0.0	2.61		
14	84.15 0.0 0.0	0.85 82.33 0.0 0.0	-1.81 0.0 0.0	1.82		
15	89.78 0.0 0.0	0.92 88.83 0.0 0.0	-0.94 0.0 0.0	0.95	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	0.01	ΔE* <sub>CIELAB</sub> = 3.2	
17	10.99 0.0 0.0	0.0 10.99 0.0 0.0	0.0 0.0 0.0	0.01		
18	32.1 0.0 0.0	0.2 27.52 0.0 0.0	-4.57 0.0 0.0	4.58		
19	53.2 0.0 0.0	0.44 48.34 0.0 0.0	-4.85 0.0 0.0	4.86		
20	74.31 0.0 0.0	0.71 71.17 0.0 0.0	-3.12 0.0 0.0	3.13	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	0.01	ΔL* <sub>CIELAB</sub> = 2.5	

Mean colour reproduction index: R\*<sub>ab,m</sub> = 86

OE540-3N-102-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE541-3N-102-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (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
0 0 0 n* setcmk																
$g_N=1.18$																
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
$w^* = L^*_{CIELAB, r}$ (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	0.042	0.093	0.151	0.211	0.274	0.34	0.408	0.477	0.548	0.621	0.694	0.769	0.845	0.922	1.0

OE540-7N, Picture A7-102-2: 16 visual equidistant L\*-grey steps; PS operator: 0 0 0 n\* setcmkcolor

OE54: 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: all (->rgb\*d) setrgbcOLOR  
 output 130-2:  $g_P=1.0$ ;  $g_N=1.17$

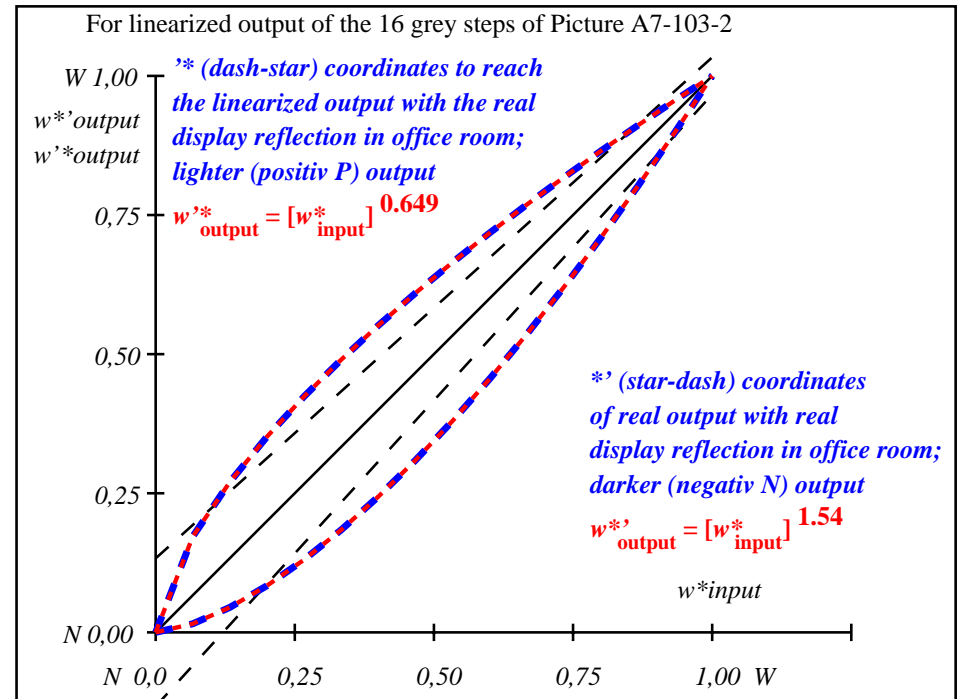
See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>  
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIPLAB

TUB registration: 20110801-OE54/OE54L0NA.TXT /.PS  
 application for output of displays: monitor systems or data projector systems  
 TUB material: code=thadata

i	LAB*ref	I*out	LAB*out	LAB*out/c-ref	$\Delta E^*$	Start output S1
1	18.01	0.0	18.01	0.0	0.01	Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G
2	23.17	0.0	20.36	-2.8	2.81	
3	28.33	0.0	23.76	-4.56	4.57	
4	33.49	0.0	27.71	-5.77	5.78	
5	38.65	0.0	32.07	-6.57	6.58	
6	43.81	0.0	36.76	-7.04	7.05	
7	48.97	0.0	41.74	-7.22	7.23	
8	54.13	0.0	46.96	-7.16	7.17	
9	59.29	0.0	52.4	-6.88	6.89	
10	64.45	0.0	58.05	-6.39	6.4	
11	69.61	0.0	63.88	-5.72	5.73	
12	74.77	0.0	69.88	-4.88	4.89	
13	79.93	0.0	76.05	-3.87	3.88	
14	85.09	0.0	82.36	-2.72	2.73	
15	90.25	0.0	88.82	-1.42	1.43	Mean lightness difference (16 steps)
16	95.41	0.0	95.41	0.0	0.01	$\Delta E^*_{CIELAB} = 4.6$
17	18.01	0.0	18.01	0.0	0.01	
18	37.36	0.0	30.95	-6.4	6.41	
19	56.71	0.0	49.66	-7.04	7.05	
20	76.06	0.0	71.41	-4.64	4.65	Mean lightness difference (5 steps)
21	95.41	0.0	95.41	0.0	0.01	$\Delta L^*_{CIELAB} = 3.6$

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

OE540-3N-103-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE541-3N-103-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (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
$0\ 0\ 0\ n^*$ setcmk																
$g_N=1.29$																
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	0.031	0.074	0.125	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.0

OE540-7N, Picture A7-103-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $0\ 0\ 0\ n^*$  setcmkcolor

OE54: 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: all (->rgb\*d) setrgbcolor  
 output 130-2:  $g_P=1.0$ ;  $g_N=1.29$

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, CIE LAB

TUB registration: 20110801-OE54/OE54L0NA.TXT /.PS  
 application for output of displays: monitor systems or data projector systems  
 TUB material: code=thadata

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	$\Delta E^*$					
1	26.85	0.0	0.0	26.85	0.0	0.0	0.0	0.0	0.01	
2	31.42	0.0	0.0	0.02	28.28	0.0	0.0	-3.13	0.0	3.14
3	35.99	0.0	0.0	0.06	30.7	0.0	0.0	-5.28	0.0	5.29
4	40.56	0.0	0.1	33.73	0.0	0.0	0.0	-6.82	0.0	6.83
5	45.13	0.0	0.15	37.22	0.0	0.0	0.0	-7.9	0.0	7.91
6	49.7	0.0	0.21	41.12	0.0	0.0	0.0	-8.57	0.0	8.58
7	54.27	0.0	0.27	45.37	0.0	0.0	0.0	-8.9	0.0	8.91
8	58.84	0.0	0.34	49.93	0.0	0.0	0.0	-8.91	0.0	8.92
9	63.41	0.0	0.41	54.78	0.0	0.0	0.0	-8.63	0.0	8.64
10	67.99	0.0	0.48	59.9	0.0	0.0	0.0	-8.08	0.0	8.09
11	72.56	0.0	0.56	65.27	0.0	0.0	0.0	-7.28	0.0	7.29
12	77.13	0.0	0.64	70.87	0.0	0.0	0.0	-6.25	0.0	6.26
13	81.7	0.0	0.73	76.7	0.0	0.0	0.0	-4.99	0.0	5.0
14	86.27	0.0	0.82	82.73	0.0	0.0	0.0	-3.52	0.0	3.53
15	90.84	0.0	0.91	88.97	0.0	0.0	0.0	-1.85	0.0	1.86
16	95.41	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.0	0.01
17	26.85	0.0	0.0	26.85	0.0	0.0	0.0	0.0	0.0	0.01
18	43.99	0.0	0.14	36.31	0.0	0.0	0.0	-7.67	0.0	7.68
19	61.13	0.0	0.37	52.32	0.0	0.0	0.0	-8.8	0.0	8.81
20	78.27	0.0	0.66	72.31	0.0	0.0	0.0	-5.95	0.0	5.96
21	95.41	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.0	0.01

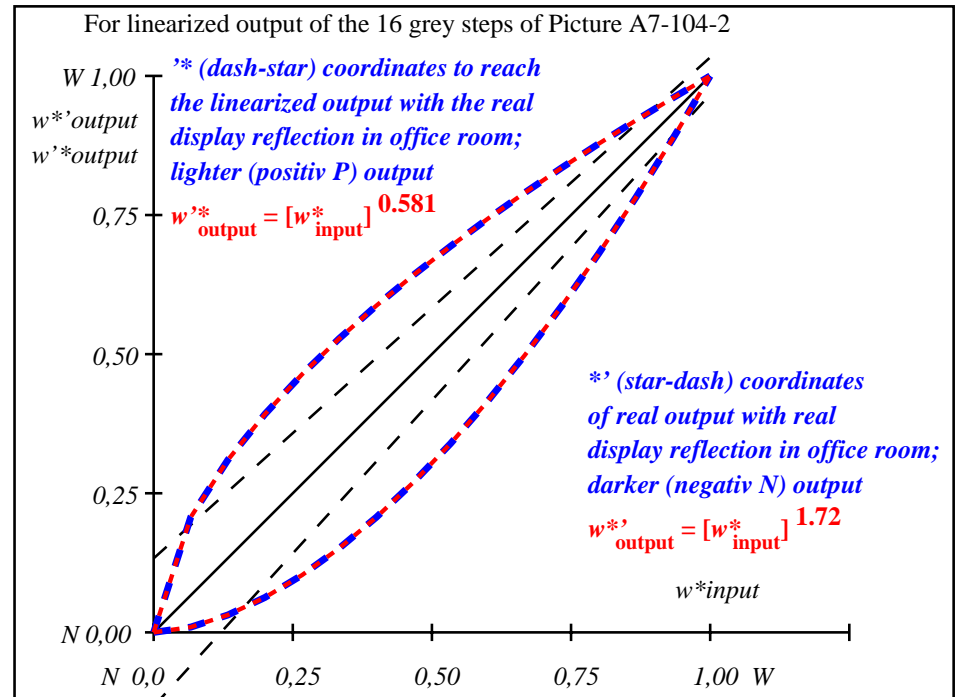
**Start output S1**  
**Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G**

Mean lightness difference (16 steps)  $\Delta E^*_{CIE LAB} = 5.6$

Mean lightness difference (5 steps)  $\Delta L^*_{CIE LAB} = 4.5$

Mean colour reproduction index:  $R^*_{ab,m} = 75$

OE540-3N-104-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE541-3N-104-2: 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
$0\ 0\ 0\ n^*$ setcmyk																
$g_N=1.43$																
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
$w^* = L^*_{CIE LAB, r}$ (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	0,152	0,208	0,27	0,337	0,407	0,482	0,561	0,642	0,727	0,816	0,906	1,0

OE540-7N, Picture A7-104-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $0\ 0\ 0\ n^*$  setcmykcolor

OE54: 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: all ( $\rightarrow rgb^*_d$ ) setrgbcolor  
 output 130-2:  $g_P=1.0$ ;  $g_N=1.42$

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, CIE LAB

TUB registration: 20110801-OE54/OE54L0NA.TXT /.PS  
 application for output of displays: monitor systems or data projector systems  
 TUB material: code=rhadata

i	LAB*ref	I*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	0.0	0.01	38.74	0.0
3	45.64	0.0	0.0	0.04	40.27	0.0
4	49.47	0.0	0.0	0.08	42.36	0.0
5	53.3	0.0	0.12	44.91	0.0	0.0
6	57.13	0.0	0.17	47.89	0.0	0.0
7	60.96	0.0	0.23	51.24	0.0	0.0
8	64.78	0.0	0.3	54.95	0.0	0.0
9	68.61	0.0	0.37	58.99	0.0	0.0
10	72.44	0.0	0.44	63.34	0.0	0.0
11	76.27	0.0	0.52	68.0	0.0	0.0
12	80.1	0.0	0.61	72.95	0.0	0.0
13	83.93	0.0	0.7	78.17	0.0	0.0
14	87.75	0.0	0.8	83.66	0.0	0.0
15	91.58	0.0	0.9	89.41	0.0	0.0
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	0.11	44.23	0.0	0.0
19	66.7	0.0	0.33	56.93	0.0	0.0
20	81.05	0.0	0.63	74.23	0.0	0.0
21	95.41	0.0	1.0	95.41	0.0	0.0

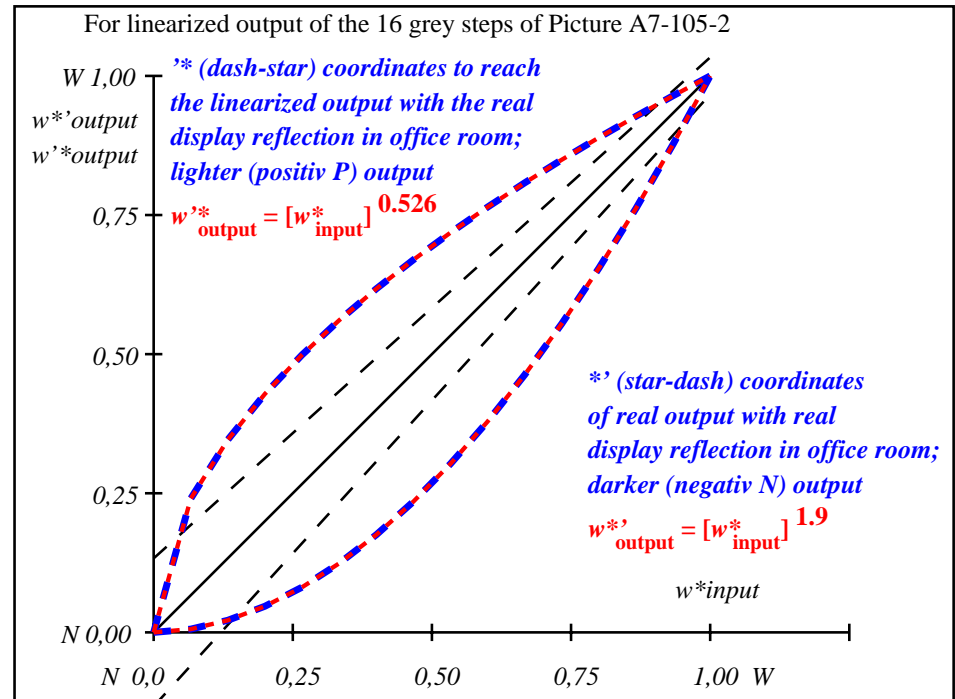
**Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G**

Mean lightness difference (16 steps)  $\Delta E^*_{CIELAB} = 6.2$

Mean lightness difference (5 steps)  $\Delta L^*_{CIELAB} = 4.9$

Mean colour reproduction index:  $R^*_{ab,m} = 73$

OE540-3N-105-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE541-3N-105-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (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
$0\ 0\ 0\ n^*$ setcmyk $g_N=1.6$ 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)	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
	0.0	0.013	0.04	0.076	0.121	0.172	0.231	0.296	0.365	0.442	0.523	0.608	0.7	0.796	0.895	1.0

OE540-7N, Picture A7-105-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $0\ 0\ 0\ n^*$  setcmykcolor

OE54: In-output relation according to ISO 9241-306; 1MR, DH  
 Viewing  $Y_W:Y_N=88,9:10$ ;  $Y_N$  range 7,5 to <15

input: all (->rgb\*d) setrgbcolor  
 output 130-2:  $g_P=1.0$ ;  $g_N=1.6$

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, CIE LAB

TUB registration: 20110801-OE54/OE54L0NA.TXT /.PS  
 application for output of displays: monitor systems or data projector systems  
 TUB material: code=rhadata

i	LAB*ref	I*out	LAB*out	LAB*out/c-ref	$\Delta E^*$	Start output S1
1	52.02	0.0	0.0	52.02	0.0	0.0
2	54.91	0.0	0.01	52.33	0.0	-2.57
3	57.8	0.0	0.03	53.13	0.0	-4.66
4	60.7	0.0	0.05	54.34	0.0	-6.34
5	63.59	0.0	0.09	55.94	0.0	-7.64
6	66.48	0.0	0.14	57.9	0.0	-8.57
7	69.37	0.0	0.19	60.22	0.0	-9.15
8	72.27	0.0	0.25	62.87	0.0	-9.39
9	75.16	0.0	0.32	65.85	0.0	-9.3
10	78.05	0.0	0.4	69.16	0.0	-8.88
11	80.95	0.0	0.48	72.78	0.0	-8.16
12	83.84	0.0	0.57	76.71	0.0	-7.12
13	86.73	0.0	0.67	80.94	0.0	-5.78
14	89.62	0.0	0.77	85.47	0.0	-4.15
15	92.52	0.0	0.88	90.29	0.0	-2.21
16	95.41	0.0	1.0	95.41	0.0	0.0
17	52.02	0.0	0.0	52.02	0.0	0.0
18	62.87	0.0	0.08	55.51	0.0	-7.35
19	73.71	0.0	0.28	64.32	0.0	-9.38
20	84.56	0.0	0.59	77.74	0.0	-6.82
21	95.41	0.0	1.0	95.41	0.0	0.0

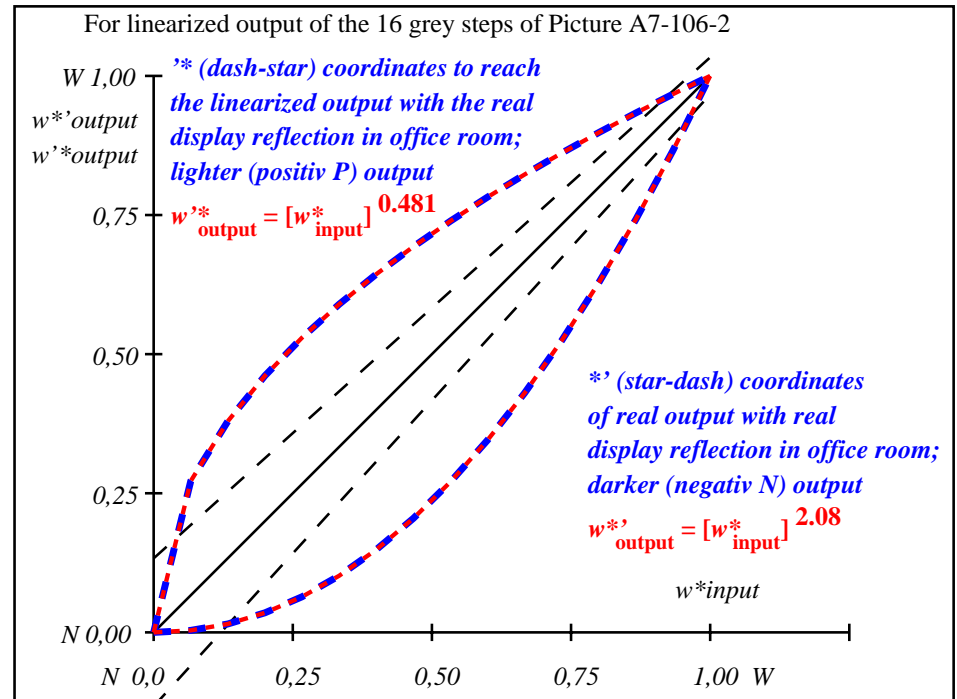
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)  $\Delta E^*_{CIELAB} = 5.9$

Mean lightness difference (5 steps)  $\Delta L^*_{CIELAB} = 4.7$

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

OE540-3N-106-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE541-3N-106-2: 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
$0\ 0\ 0\ n^*$ setcmk $g_N=1.82$ 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)	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
	0.0	0.007	0.026	0.054	0.091	0.135	0.189	0.25	0.319	0.395	0.479	0.569	0.666	0.771	0.882	1.0

OE540-7N, Picture A7-106-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $0\ 0\ 0\ n^*$  setcmkcolor

OE54: 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: all (->rgb\*d) setrgbcOLOR  
 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

TUB registration: 20110801-OE54/OE54L0NA.TXT /.PS  
 application for output of displays: monitor systems or data projector systems  
 TUB material: code=rhadata

i	LAB*ref	I*out	LAB*out	LAB*out/c-ref	$\Delta E^*$	Start output S1
1	69.7	0.0	0.0	69.7	0.0	0.01
2	71.41	0.0	0.0	69.78	0.0	-1.62
3	73.13	0.0	0.01	70.07	0.0	-3.05
4	74.84	0.0	0.03	70.57	0.0	-4.26
5	76.55	0.0	0.06	71.29	0.0	-5.26
6	78.27	0.0	0.1	72.24	0.0	-6.02
7	79.98	0.0	0.15	73.43	0.0	-6.54
8	81.7	0.0	0.2	74.86	0.0	-6.82
9	83.41	0.0	0.27	76.54	0.0	-6.86
10	85.12	0.0	0.34	78.47	0.0	-6.65
11	86.84	0.0	0.43	80.65	0.0	-6.18
12	88.55	0.0	0.52	83.08	0.0	-5.46
13	90.27	0.0	0.63	85.77	0.0	-4.49
14	91.98	0.0	0.74	88.72	0.0	-3.25
15	93.7	0.0	0.86	91.93	0.0	-1.75
16	95.41	0.0	1.0	95.41	0.0	0.0
17	69.7	0.0	0.0	69.7	0.0	0.0
18	76.13	0.0	0.05	71.09	0.0	-5.03
19	82.55	0.0	0.23	75.67	0.0	-6.87
20	88.98	0.0	0.55	83.73	0.0	-5.24
21	95.41	0.0	1.0	95.41	0.0	0.0

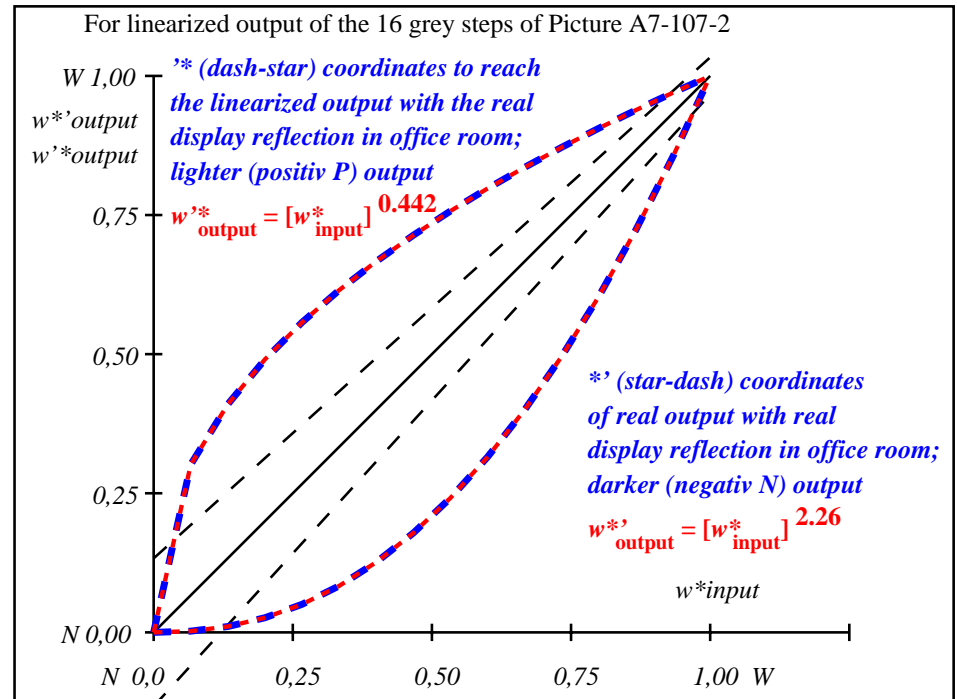
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)  $\Delta E^*_{CIELAB} = 4.3$

Mean lightness difference (5 steps)  $\Delta L^*_{CIELAB} = 3.4$

Mean colour reproduction index:  $R^*_{ab,m} = 81$

OE540-3N-107-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE541-3N-107-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (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
$0\ 0\ 0\ n^*$ setcmk $g_N=2.11$ 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)	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	0.034	0.062	0.099	0.145	0.201	0.266	0.341	0.426	0.52	0.625	0.74	0.864	1.0

OE540-7N, Picture A7-107-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $0\ 0\ 0\ n^*$  setcmkcolor

OE54: 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: all (->rgb\*\_d) setrgbcolor  
 output 130-2:  $g_P=1.0$ ;  $g_N=2.1$