

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

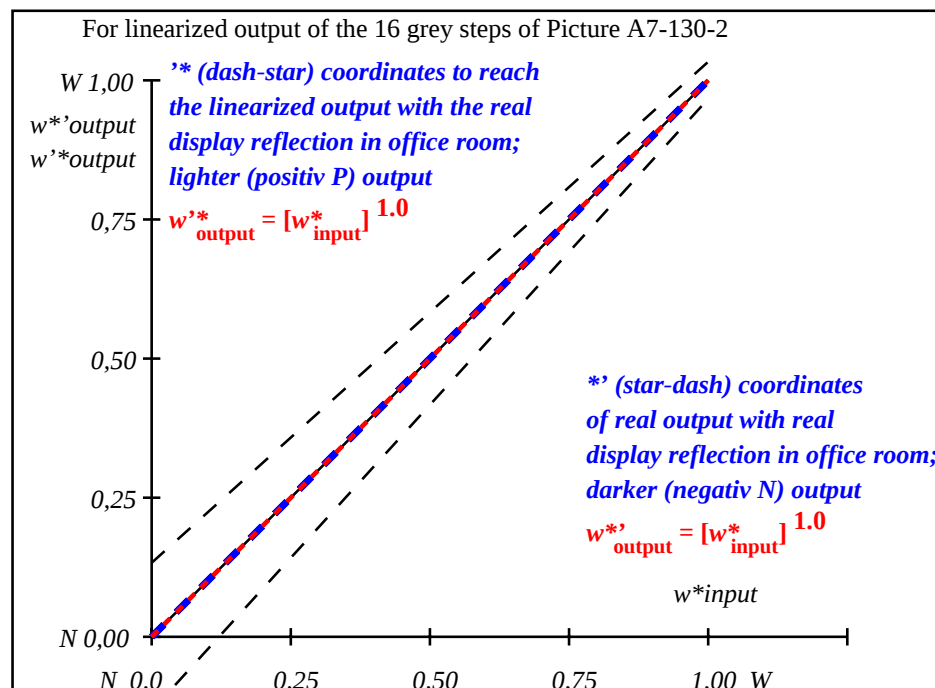
Start output S1
Specification according to
ISO/IEC 15775 Annex G
and DIN 33866-1 Annex G

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

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

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

OE770-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE771-3N-130-2: 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
$w^* w^* w^*$ 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
$w^*=l^*_{\text{CIELAB},r}$ (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	0.067	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

OE770-7N, Picture A7-130-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE77: 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

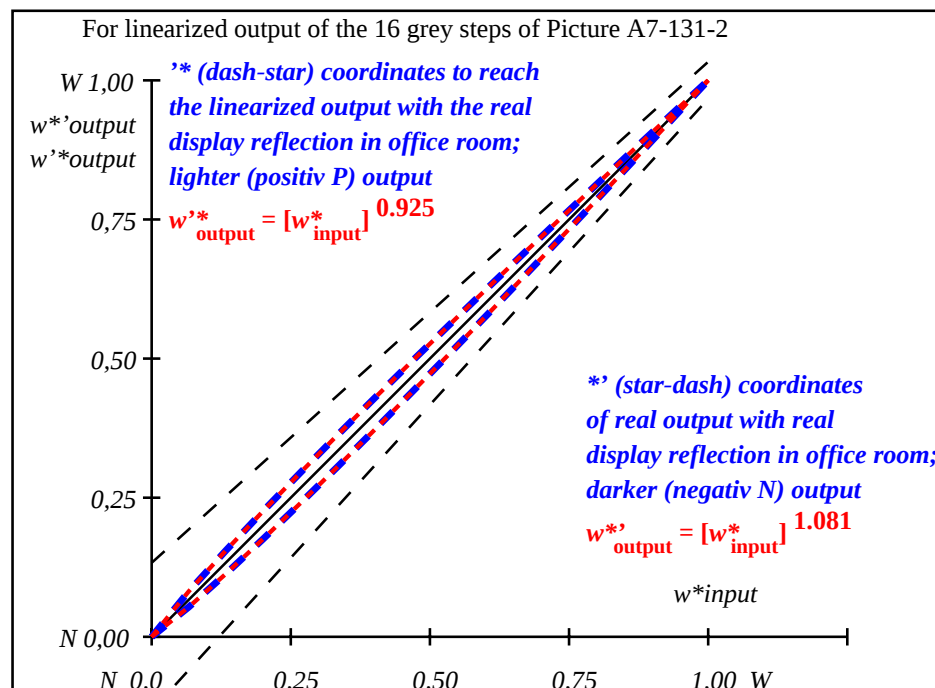
input: $\text{cmy0} (-> \text{cmy0}^*_d)$ setcmyk
output 130-2: $g_P=1.0$; $g_N=1.0$

TUB registration: 20110801-OE77/OE77L0NA.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*
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	0.05 10.49 0.0	0.0 0.0 -1.17	0.0 0.0 0.0	1.18
3	17.65 0.0 0.0	0.11 15.85 0.0	0.0 0.0 -1.79	0.0 0.0 0.0	1.8
4	23.63 0.0 0.0	0.18 21.44 0.0	0.0 0.0 -2.19	0.0 0.0 0.0	2.2
5	29.62 0.0 0.0	0.24 27.18 0.0	0.0 0.0 -2.42	0.0 0.0 0.0	2.43
6	35.6 0.0 0.0	0.3 33.05 0.0	0.0 0.0 -2.54	0.0 0.0 0.0	2.55
7	41.58 0.0 0.0	0.37 39.01 0.0	0.0 0.0 -2.56	0.0 0.0 0.0	2.57
8	47.56 0.0 0.0	0.44 45.05 0.0	0.0 0.0 -2.5	0.0 0.0 0.0	2.51
9	53.54 0.0 0.0	0.51 51.16 0.0	0.0 0.0 -2.37	0.0 0.0 0.0	2.38
10	59.52 0.0 0.0	0.58 57.34 0.0	0.0 0.0 -2.17	0.0 0.0 0.0	2.18
11	65.5 0.0 0.0	0.65 63.57 0.0	0.0 0.0 -1.92	0.0 0.0 0.0	1.93
12	71.48 0.0 0.0	0.72 69.85 0.0	0.0 0.0 -1.62	0.0 0.0 0.0	1.63
13	77.47 0.0 0.0	0.79 76.18 0.0	0.0 0.0 -1.28	0.0 0.0 0.0	1.29
14	83.45 0.0 0.0	0.86 82.55 0.0	0.0 0.0 -0.89	0.0 0.0 0.0	0.9
15	89.43 0.0 0.0	0.93 88.96 0.0	0.0 0.0 -0.46	0.0 0.0 0.0	0.47
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	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	0.22 25.74 0.0	0.0 0.0 -2.37	0.0 0.0 0.0	2.38
19	50.55 0.0 0.0	0.47 48.1 0.0	0.0 0.0 -2.44	0.0 0.0 0.0	2.45
20	72.98 0.0 0.0	0.73 71.43 0.0	0.0 0.0 -1.54	0.0 0.0 0.0	1.55
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
Mean lightness difference (16 steps)					ΔE* _{CIELAB} = 1.6
Mean lightness difference (5 steps)					ΔL* _{CIELAB} = 1.3
Mean colour reproduction index:					R* _{ab,m} = 93

OE770-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE771-3N-131-2: 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
$w^* w^* w^*$ 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
$w^*=l^*$ 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	0.054	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

OE770-7N, Picture A7-131-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE77: 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

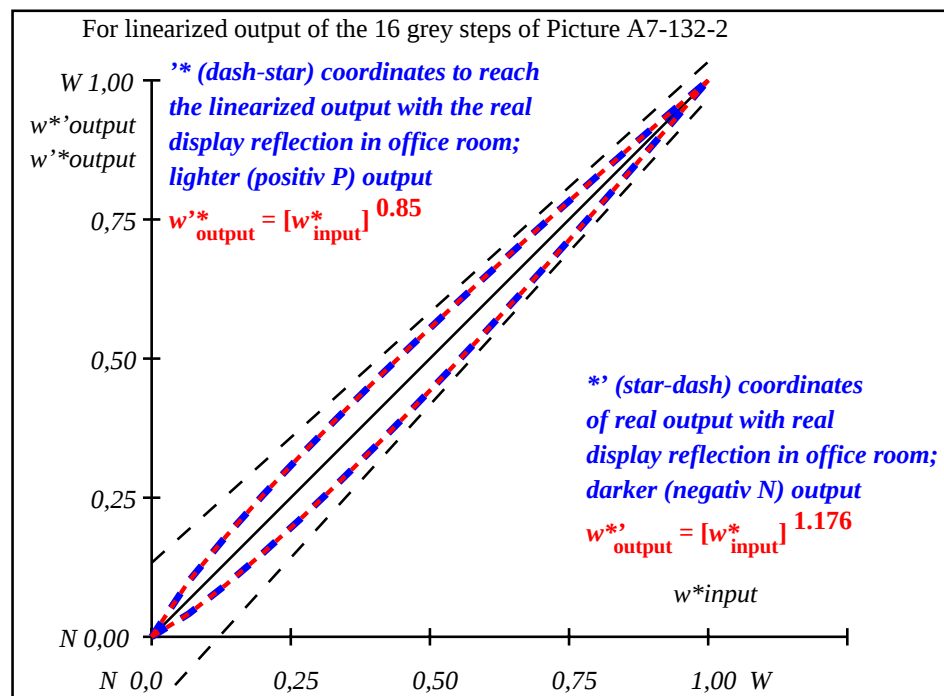
input: $cmy0$ (-> $cmy0^*_d$) setcmyk
output 130-2: $g_P=1.0$; $g_N=1.08$

TUB registration: 20110801-OE77/OE77L0NA.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	10.99 0.0 0.0	0.0 0.0 0.0	0.01	Specification according to
2	16.62 0.0 0.0	0.04	14.48 0.0 0.0	-2.13 0.0 0.0	2.14	ISO/IEC 15775 Annex G
3	22.25 0.0 0.0	0.09	18.88 0.0 0.0	-3.36 0.0 0.0	3.37	and DIN 33866-1 Annex G
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	$\Delta E^*_{CIELAB} = 3.2$
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	$\Delta L^*_{CIELAB} = 2.5$
Mean colour reproduction index:					$R^*_{ab,m} = 86$	

OE770-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE771-3N-132-2: 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
$w^* w^* w^*$ 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
$w^*=l^*_{CIELAB, r}$ (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

OE770-7N, Picture A7-132-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

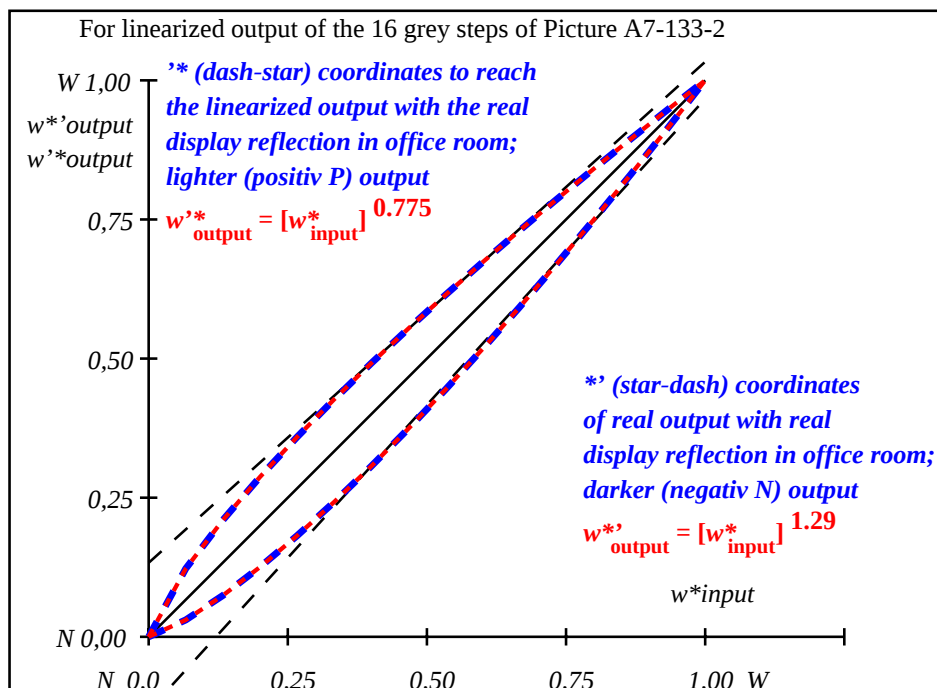
OE77: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast $Y_W:Y_N=88,9:1,25$; Y_N range 0,93 to <1,87

input: $cmy0$ (-> $cmy0^*_d$) setcmyk
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, 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	18.01	0.0	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	23.17	0.0	0.0	0.03	20.36	0.0	0.0	-2.8	0.0	0.0	2.81			
3	28.33	0.0	0.0	0.07	23.76	0.0	0.0	-4.56	0.0	0.0	4.57			
4	33.49	0.0	0.0	0.13	27.71	0.0	0.0	-5.77	0.0	0.0	5.78			
5	38.65	0.0	0.0	0.18	32.07	0.0	0.0	-6.57	0.0	0.0	6.58			
6	43.81	0.0	0.0	0.24	36.76	0.0	0.0	-7.04	0.0	0.0	7.05			
7	48.97	0.0	0.0	0.31	41.74	0.0	0.0	-7.22	0.0	0.0	7.23			
8	54.13	0.0	0.0	0.37	46.96	0.0	0.0	-7.16	0.0	0.0	7.17			
9	59.29	0.0	0.0	0.44	52.4	0.0	0.0	-6.88	0.0	0.0	6.89			
10	64.45	0.0	0.0	0.52	58.05	0.0	0.0	-6.39	0.0	0.0	6.4			
11	69.61	0.0	0.0	0.59	63.88	0.0	0.0	-5.72	0.0	0.0	5.73			
12	74.77	0.0	0.0	0.67	69.88	0.0	0.0	-4.88	0.0	0.0	4.89			
13	79.93	0.0	0.0	0.75	76.05	0.0	0.0	-3.87	0.0	0.0	3.88			
14	85.09	0.0	0.0	0.83	82.36	0.0	0.0	-2.72	0.0	0.0	2.73			
15	90.25	0.0	0.0	0.91	88.82	0.0	0.0	-1.42	0.0	0.0	1.43	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* _{CIELAB} = 4.6		
17	18.01	0.0	0.0	0.0	18.01	0.0	0.0	0.0	0.0	0.0	0.01			
18	37.36	0.0	0.0	0.17	30.95	0.0	0.0	-6.4	0.0	0.0	6.41			
19	56.71	0.0	0.0	0.41	49.66	0.0	0.0	-7.04	0.0	0.0	7.05			
20	76.06	0.0	0.0	0.69	71.41	0.0	0.0	-4.64	0.0	0.0	4.65	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* _{CIELAB} = 3.6		
Mean colour reproduction index:												R* _{ab,m} = 80		

OE770-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE771-3N-133-2: 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
$w^* w^* w^*$ 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	0.031	0.074	0.125	0.182	0.242	0.307	0.374	0.444	0.517	0.593	0.67	0.75	0.832	0.914	1.0

OE770-7N, Picture A7-133-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

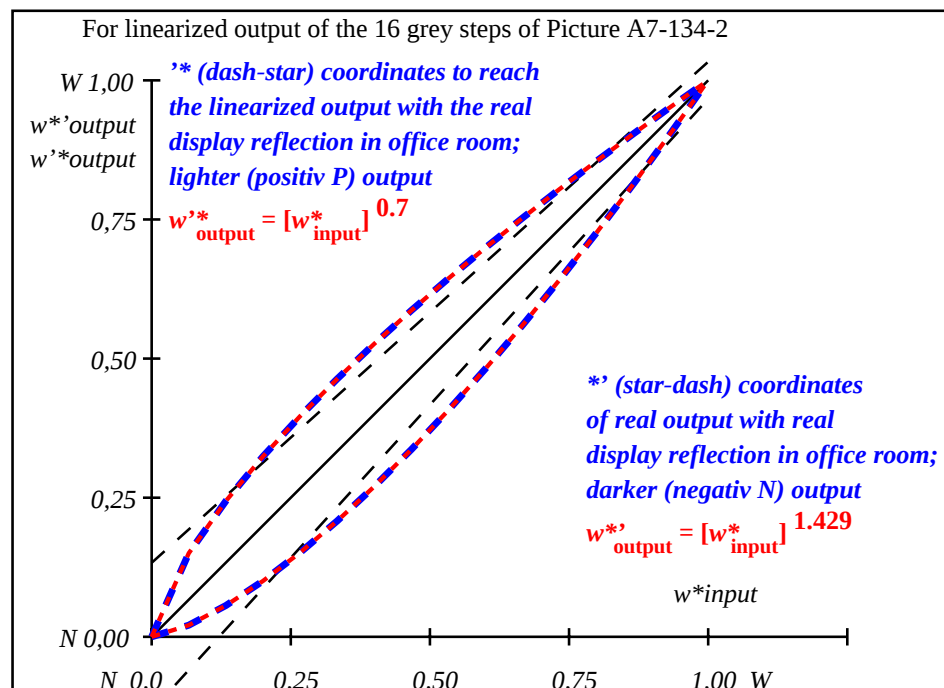
OE77: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast $Y_W:Y_N=88,9:2,5$; Y_N range 1,87 to <3,75

input: $cmy0$ (-> $cmy0^*_d$) setcmyk
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, 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	0.02 28.28 0.0	0.0 0.0 -3.13	0.0 0.0 0.0	3.14
3	35.99 0.0 0.0	0.06 30.7 0.0	0.0 0.0 -5.28	0.0 0.0 0.0	5.29
4	40.56 0.0 0.0	0.1 33.73 0.0	0.0 0.0 -6.82	0.0 0.0 0.0	6.83
5	45.13 0.0 0.0	0.15 37.22 0.0	0.0 0.0 -7.9	0.0 0.0 0.0	7.91
6	49.7 0.0 0.0	0.21 41.12 0.0	0.0 0.0 -8.57	0.0 0.0 0.0	8.58
7	54.27 0.0 0.0	0.27 45.37 0.0	0.0 0.0 -8.9	0.0 0.0 0.0	8.91
8	58.84 0.0 0.0	0.34 49.93 0.0	0.0 0.0 -8.91	0.0 0.0 0.0	8.92
9	63.41 0.0 0.0	0.41 54.78 0.0	0.0 0.0 -8.63	0.0 0.0 0.0	8.64
10	67.99 0.0 0.0	0.48 59.9 0.0	0.0 0.0 -8.08	0.0 0.0 0.0	8.09
11	72.56 0.0 0.0	0.56 65.27 0.0	0.0 0.0 -7.28	0.0 0.0 0.0	7.29
12	77.13 0.0 0.0	0.64 70.87 0.0	0.0 0.0 -6.25	0.0 0.0 0.0	6.26
13	81.7 0.0 0.0	0.73 76.7 0.0	0.0 0.0 -4.99	0.0 0.0 0.0	5.0
14	86.27 0.0 0.0	0.82 82.73 0.0	0.0 0.0 -3.52	0.0 0.0 0.0	3.53
15	90.84 0.0 0.0	0.91 88.97 0.0	0.0 0.0 -1.85	0.0 0.0 0.0	1.86
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	0.14 36.31 0.0	0.0 0.0 -7.67	0.0 0.0 0.0	7.68
19	61.13 0.0 0.0	0.37 52.32 0.0	0.0 0.0 -8.8	0.0 0.0 0.0	8.81
20	78.27 0.0 0.0	0.66 72.31 0.0	0.0 0.0 -5.95	0.0 0.0 0.0	5.96
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
Mean lightness difference (16 steps)					ΔE* _{CIELAB} = 5.6
Mean lightness difference (5 steps)					ΔL* _{CIELAB} = 4.5
Mean colour reproduction index:					R* _{ab,m} = 75

OE770-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE771-3N-134-2: 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
$w^* w^* w^*$ setrgb																
$g_N=1.43$ 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
$w^*=l^*$ _{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	0.152	0.208	0.27	0.337	0.407	0.482	0.561	0.642	0.727	0.816	0.906	1.0

OE770-7N, Picture A7-134-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

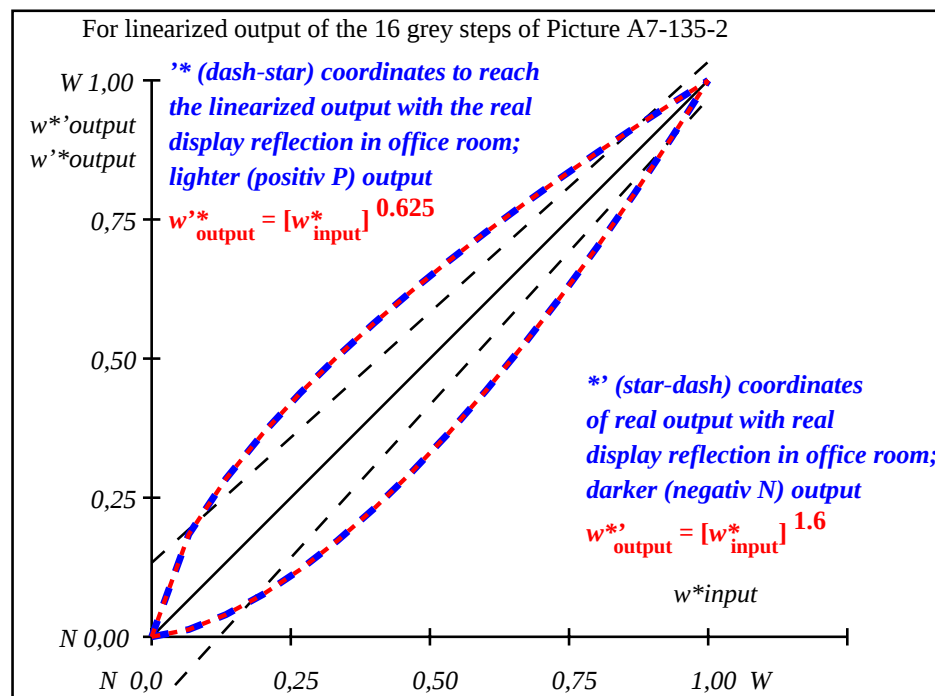
OE77: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast $Y_W:Y_N=88,9:5$; Y_N range 3,75 to <7,5

input: $cmy0$ (-> $cmy0^*_d$) setcmyk
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, CIELAB

Start output S1											
i	LAB*ref			l*out			LAB*out/c-ref			ΔE*	Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G
1	37.99	0.0	0.0	0.0	37.99	0.0	0.0	0.0	0.0	0.01	
2	41.81	0.0	0.0	0.01	38.74	0.0	0.0	-3.06	0.0	0.0	3.07
3	45.64	0.0	0.0	0.04	40.27	0.0	0.0	-5.36	0.0	0.0	5.37
4	49.47	0.0	0.0	0.08	42.36	0.0	0.0	-7.1	0.0	0.0	7.11
5	53.3	0.0	0.0	0.12	44.91	0.0	0.0	-8.37	0.0	0.0	8.38
6	57.13	0.0	0.0	0.17	47.89	0.0	0.0	-9.23	0.0	0.0	9.24
7	60.96	0.0	0.0	0.23	51.24	0.0	0.0	-9.7	0.0	0.0	9.71
8	64.78	0.0	0.0	0.3	54.95	0.0	0.0	-9.82	0.0	0.0	9.83
9	68.61	0.0	0.0	0.37	58.99	0.0	0.0	-9.61	0.0	0.0	9.62
10	72.44	0.0	0.0	0.44	63.34	0.0	0.0	-9.09	0.0	0.0	9.1
11	76.27	0.0	0.0	0.52	68.0	0.0	0.0	-8.26	0.0	0.0	8.27
12	80.1	0.0	0.0	0.61	72.95	0.0	0.0	-7.14	0.0	0.0	7.15
13	83.93	0.0	0.0	0.7	78.17	0.0	0.0	-5.75	0.0	0.0	5.76
14	87.75	0.0	0.0	0.8	83.66	0.0	0.0	-4.08	0.0	0.0	4.09
15	91.58	0.0	0.0	0.9	89.41	0.0	0.0	-2.16	0.0	0.0	2.17
16	95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.0	0.01
Mean lightness difference (16 steps)											
17	37.99	0.0	0.0	0.0	37.99	0.0	0.0	0.0	0.0	0.0	0.01
18	52.34	0.0	0.0	0.11	44.23	0.0	0.0	-8.1	0.0	0.0	8.11
19	66.7	0.0	0.0	0.33	56.93	0.0	0.0	-9.76	0.0	0.0	9.77
20	81.05	0.0	0.0	0.63	74.23	0.0	0.0	-6.82	0.0	0.0	6.83
21	95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.0	0.01
Mean lightness difference (5 steps)											
Mean colour reproduction index: R* _{ab,m} = 73											
ΔE* _{CIELAB} = 6.2											
ΔL* _{CIELAB} = 4.9											

OE770-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE771-3N-135-2: 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
$w^* w^* w^*$ 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	0.04	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

OE770-7N, Picture A7-135-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE77: 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

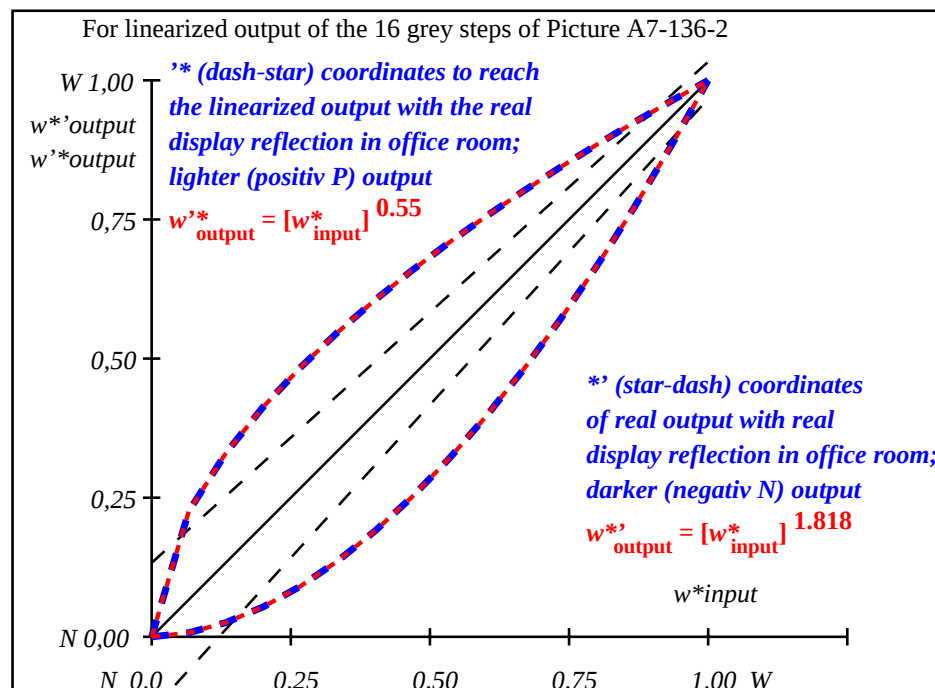
input: $cmy0$ ($\rightarrow cmy0^*_d$) setcmyk
output 130-2: $g_P=1.0$; $g_N=1.6$

TUB registration: 20110801-OE77/OE77L0NA.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*
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	0.01 52.33 0.0	0.0 0.0 -2.57	0.0 0.0 0.0	2.58
3	57.8 0.0 0.0	0.03 53.13 0.0	0.0 0.0 -4.66	0.0 0.0 0.0	4.67
4	60.7 0.0 0.0	0.05 54.34 0.0	0.0 0.0 -6.34	0.0 0.0 0.0	6.35
5	63.59 0.0 0.0	0.09 55.94 0.0	0.0 0.0 -7.64	0.0 0.0 0.0	7.65
6	66.48 0.0 0.0	0.14 57.9 0.0	0.0 0.0 -8.57	0.0 0.0 0.0	8.58
7	69.37 0.0 0.0	0.19 60.22 0.0	0.0 0.0 -9.15	0.0 0.0 0.0	9.16
8	72.27 0.0 0.0	0.25 62.87 0.0	0.0 0.0 -9.39	0.0 0.0 0.0	9.4
9	75.16 0.0 0.0	0.32 65.85 0.0	0.0 0.0 -9.3	0.0 0.0 0.0	9.31
10	78.05 0.0 0.0	0.4 69.16 0.0	0.0 0.0 -8.88	0.0 0.0 0.0	8.89
11	80.95 0.0 0.0	0.48 72.78 0.0	0.0 0.0 -8.16	0.0 0.0 0.0	8.17
12	83.84 0.0 0.0	0.57 76.71 0.0	0.0 0.0 -7.12	0.0 0.0 0.0	7.13
13	86.73 0.0 0.0	0.67 80.94 0.0	0.0 0.0 -5.78	0.0 0.0 0.0	5.79
14	89.62 0.0 0.0	0.77 85.47 0.0	0.0 0.0 -4.15	0.0 0.0 0.0	4.16
15	92.52 0.0 0.0	0.88 90.29 0.0	0.0 0.0 -2.21	0.0 0.0 0.0	2.22
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	0.08 55.51 0.0	0.0 0.0 -7.35	0.0 0.0 0.0	7.36
19	73.71 0.0 0.0	0.28 64.32 0.0	0.0 0.0 -9.38	0.0 0.0 0.0	9.39
20	84.56 0.0 0.0	0.59 77.74 0.0	0.0 0.0 -6.82	0.0 0.0 0.0	6.83
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
Mean lightness difference (16 steps)					ΔE* _{CIELAB} = 5.9
Mean lightness difference (5 steps)					ΔL* _{CIELAB} = 4.7
Mean colour reproduction index:					R* _{ab,m} = 74

OE770-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE771-3N-136-2: 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
w* w* w* setrgb																
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)																
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	0.026	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

OE770-7N, Picture A7-136-2: 16 visual equidistant L*-grey steps; PS operator: w* w* w* setrgbcolor

OE77: 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

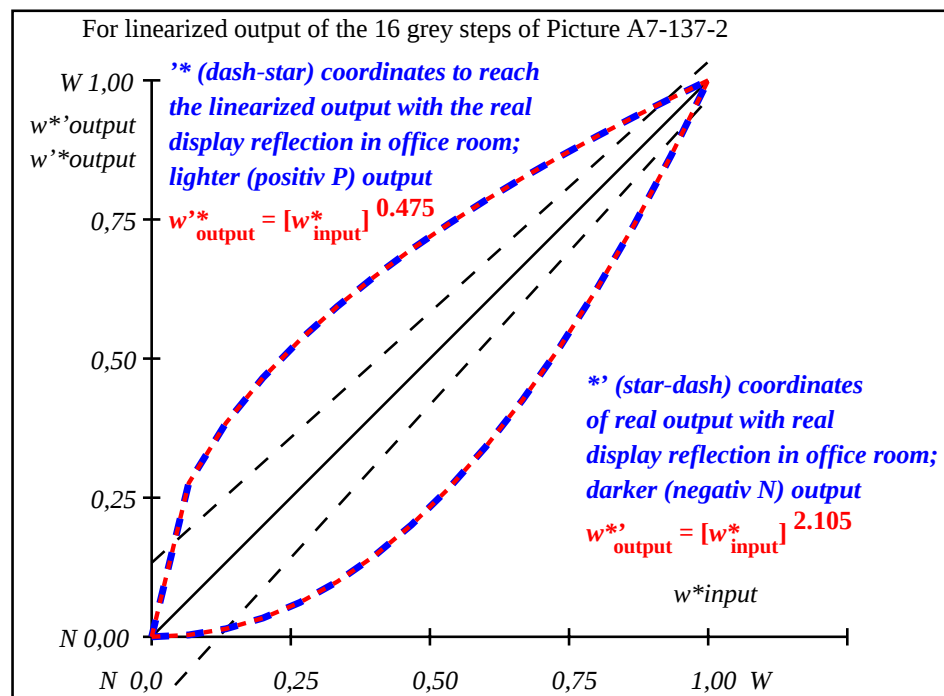
input: cmy0 (->cmy0*) setcmyk
output 130-2: g_P=1.0; g_N=1.81

TUB registration: 20110801-OE77/OE77L0NA.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*
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	69.78 0.0 0.0	-1.62 0.0 0.0	0.0 0.0 0.0	1.63
3	73.13 0.0 0.0	70.07 0.0 0.0	-3.05 0.0 0.0	0.0 0.0 0.0	3.06
4	74.84 0.0 0.0	70.57 0.0 0.0	-4.26 0.0 0.0	0.0 0.0 0.0	4.27
5	76.55 0.0 0.0	71.29 0.0 0.0	-5.26 0.0 0.0	0.0 0.0 0.0	5.27
6	78.27 0.0 0.0	72.24 0.0 0.0	-6.02 0.0 0.0	0.0 0.0 0.0	6.03
7	79.98 0.0 0.0	73.43 0.0 0.0	-6.54 0.0 0.0	0.0 0.0 0.0	6.55
8	81.7 0.0 0.0	74.86 0.0 0.0	-6.82 0.0 0.0	0.0 0.0 0.0	6.83
9	83.41 0.0 0.0	76.54 0.0 0.0	-6.86 0.0 0.0	0.0 0.0 0.0	6.87
10	85.12 0.0 0.0	78.47 0.0 0.0	-6.65 0.0 0.0	0.0 0.0 0.0	6.66
11	86.84 0.0 0.0	80.65 0.0 0.0	-6.18 0.0 0.0	0.0 0.0 0.0	6.19
12	88.55 0.0 0.0	83.08 0.0 0.0	-5.46 0.0 0.0	0.0 0.0 0.0	5.47
13	90.27 0.0 0.0	85.77 0.0 0.0	-4.49 0.0 0.0	0.0 0.0 0.0	4.5
14	91.98 0.0 0.0	88.72 0.0 0.0	-3.25 0.0 0.0	0.0 0.0 0.0	3.26
15	93.7 0.0 0.0	86.93 0.0 0.0	-1.75 0.0 0.0	0.0 0.0 0.0	1.76
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	71.09 0.0 0.0	-5.03 0.0 0.0	0.0 0.0 0.0	5.04
19	82.55 0.0 0.0	75.67 0.0 0.0	-6.87 0.0 0.0	0.0 0.0 0.0	6.88
20	88.98 0.0 0.0	83.73 0.0 0.0	-5.24 0.0 0.0	0.0 0.0 0.0	5.25
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
Mean lightness difference (16 steps)					ΔE* _{CIELAB} = 4.3
Mean lightness difference (5 steps)					ΔL* _{CIELAB} = 3.4
Mean colour reproduction index:					R* _{ab,m} = 81

OE770-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE771-3N-137-2: 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
$w^* w^* w^*$ setrgb $g_N=2.11$ 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
$w^*=l^*$ $_{\text{CIELAB}, r}$ (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	0.003	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

OE770-7N, Picture A7-137-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE77: 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: $cmy0$ (-> $cmy0^*_d$) setcmyk
output 130-2: $g_P=1.0$; $g_N=2.1$

TUB registration: 20110801-OE77/OE77L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta