

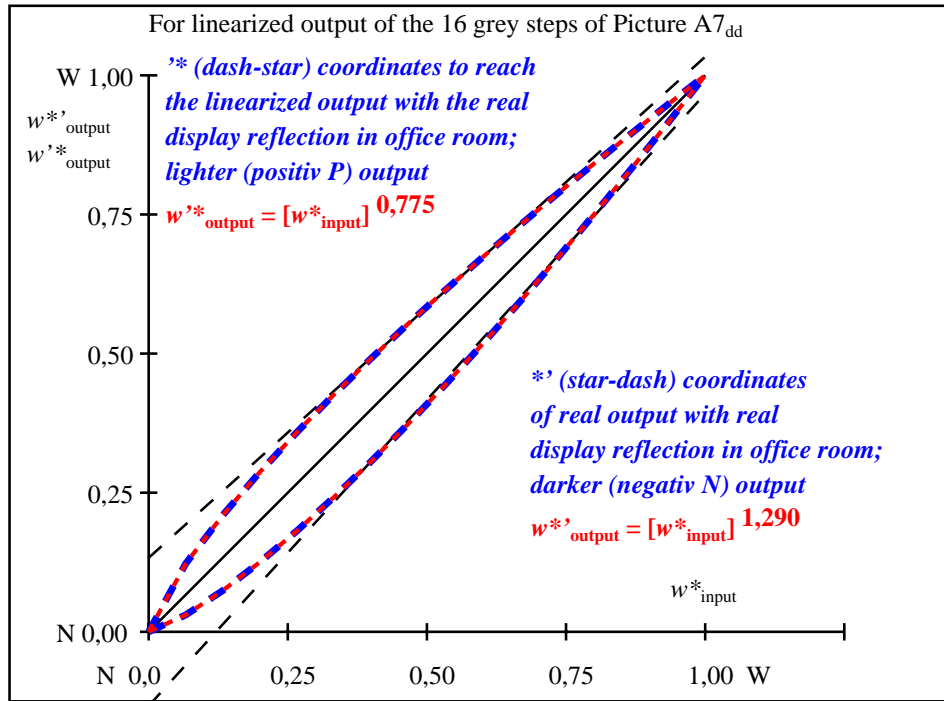
see similar files: http://farbe.li.tu-berlin.de/AE19/AE19.HTM
 technical information: http://farbe.li.tu-berlin.de/ or http://farbe.li.tu-berlin.de/AE.HTM

TUB Registration: 20190301-AE19/AE19L0FA.TXT /.PS
 application for measurement or viewing of display and print output
 TUB material: code=rhata4ta

<i>i</i>	LAB^*_{ref}	l^*_{out}	LAB^*_{out}	$LAB^*_{out-ref}$	ΔE^*	Start output S1
1	18,00	0,00	18,00	0,00	0,01	Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G
2	23,16	0,00	19,20	-3,	3,96	
3	28,32	0,00	21,48	-6,	6,84	
4	33,48	0,00	24,50	-8,	8,98	
5	38,64	0,00	28,11	-10,	10,53	
6	43,80	0,00	32,26	-11,	11,54	
7	48,96	0,00	36,88	-12,	12,08	
8	54,12	0,00	41,94	-12,	12,18	
9	59,28	0,00	47,40	-11,	11,88	
10	64,44	0,00	53,25	-11,	11,19	
11	69,60	0,00	59,46	-10,	10,14	
12	74,76	0,00	66,01	-8,	8,75	
13	79,92	0,00	72,90	-7,	7,02	
14	85,08	0,00	80,10	-4,	4,98	Mean lightness difference (16 steps)
15	90,24	0,00	87,60	-2,	2,64	$\Delta E^*_{CIELAB} = 7,6$
16	95,41	0,00	95,41	0,00	0,01	
17	18,00	0,00	18,00	0,00	0,01	
18	37,35	0,00	27,16	-10,	10,19	
19	56,70	0,00	44,62	-12,	12,08	Mean lightness difference (5 steps)
20	76,05	0,00	67,70	-8,	8,35	$\Delta L^*_{CIELAB} = 6,1$
21	95,41	0,00	95,41	0,00	0,01	

Mean colour reproduction index: $R^*_{ab,m} = 66,3$

part 1, AE190-3dd: 010242



part 2, AE191-3dd: 010242

$L^*/Y_{intended}$ (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
$0\ 0\ 0\ n^*$ setcmyk	[Visual Grey Steps]															
$g_N=1,290$	[Visual Grey Steps]															
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)	[Visual Grey Steps]															
$w^*_{intended}$	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^*_{output}	0,000	0,030	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	1,000

part 3, picture A7dd: 16 visual equidistant L^* -grey steps; PS operator: 0 0 0 n* setcmykcolor AE190-7dd: 010242

In-out: Test chart AE19 according to test chart 4 of ISO/IEC 15775
 Viewing $Y_W: Y_N=88,9:2,5$; Y_N -range 1,87 to <3,75
 input: $rgb/cmy0/000n/w$ set...
 output: $->rgb_{dd}$ setrgbcolor