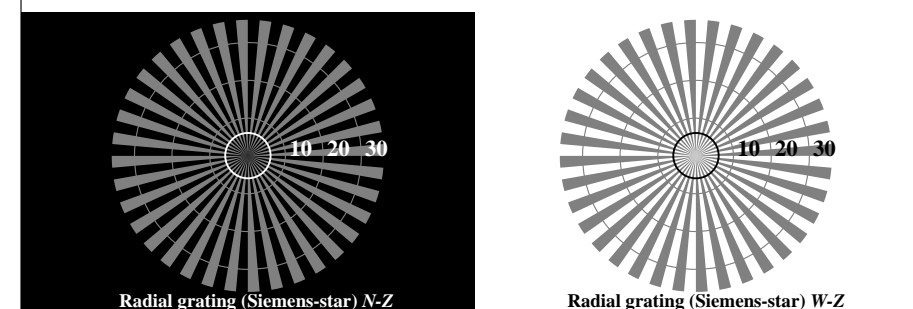
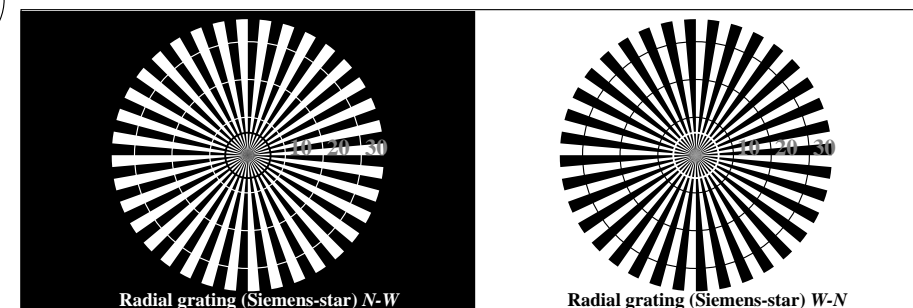


See for similar files: <http://www.ps.bam.de/ME15/>  
 Technical information: <http://www.ps.bam.de/9241>

Version 2.0, io=1.1

BAM registration: 20080401-ME15/10L/L15E00NA.PS/.TXT BAM material: code=rh4ta  
 Application for achromatic display output with CIELAB contrast range  $L^*:w:L^*n = 95.4 : 0.0$



ME150-3, Element A: Radial gratings (Siemens-stars) N-W, W-N, N-Z and W-Z; PS operator:  $w^* \text{ setgray}$

$L^*/Y_{\text{intended}}$ (absolute)	0.0/0.0	23.9/4.1	47.7/16.6	71.6/43.0	95.4/88.6 $N_0(\text{min.})$	$W_1(\text{max.})$
No. and Hex code	00;4	01;3	02;2	03;1	04;0	
$w^* = J^*_{\text{CIELAB}, r}$ (relative)						
$w^*_{\text{intended}}$	0.0	0.25	0.5	0.75	1.0	$N_0(\text{min.})$ $W_1(\text{max.})$
$Y_t / Y_{\text{tmax}}$	0.0	0.046	0.187	0.485	1.0	

ME150-5, Element B: 5 visual equidistant  $L^*$ -grey steps +  $N_0$  +  $W_1$ ; PS operator:  $w^* \text{ setgray}$

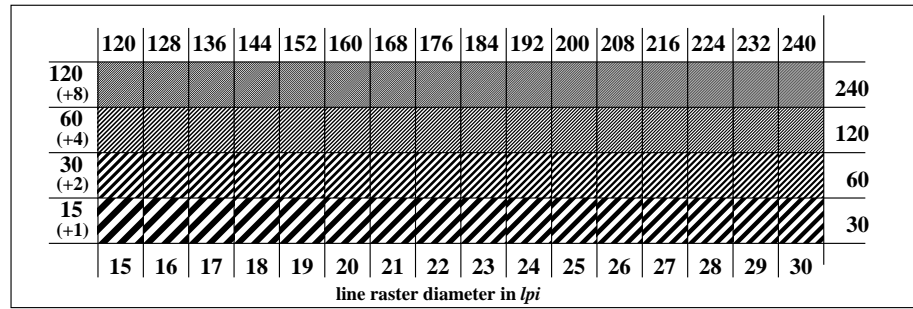
$L^*/Y_{\text{intended}}$ (absolute)	0.0/0.0	6.4/0.7	12.7/1.5	19.1/2.8	25.4/4.6	31.8/7.0	38.2/10.2	44.5/14.2	50.9/19.2	57.3/25.2	63.6/32.3	70.0/40.7	76.3/50.4	82.7/61.6	89.1/74.3	95.4/88.6
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = J^*_{\text{CIELAB}, r}$ (relative)																
$w^*_{\text{intended}}$	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
$Y_t / Y_{\text{tmax}}$	0.0	0.008	0.017	0.031	0.051	0.079	0.115	0.16	0.216	0.284	0.365	0.459	0.569	0.695	0.838	1.0

ME150-7, Element C: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $w^* \text{ setgray}$

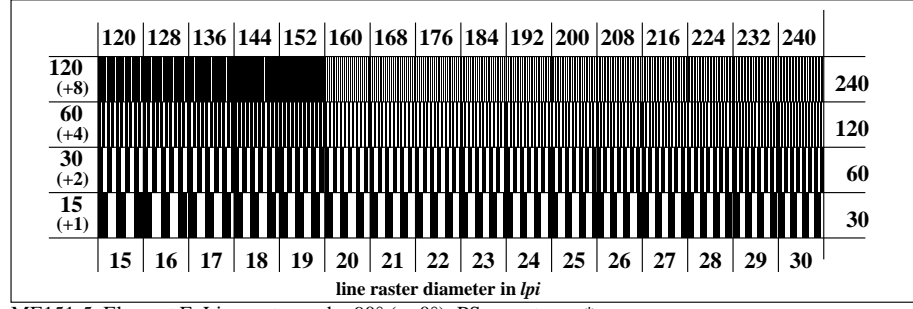
background step 0		1	ring step	0-1
Hex code		8	Hex code	7-8
7		E	F	E-F
E		2	0	2-0
2		8	6	8-6
8		F	D	F-D

Landolt-rings W-N      code: background-ring

ME151-1, Element D: Landolt-rings W-N; PS operator:  $w^* \text{ setgray}$



ME151-3, Element E: Line raster under 45° (or 135°); PS operator:  $w^* \text{ setgray}$



ME151-5, Element F: Line raster under 90° (or 0°); PS operator:  $w^* \text{ setgray}$

Test chart ME15 according to ISO 9241-306; test chart 3 according to ISO/IEC 15775      input:  $w^* \text{ setgray}$   
 Page 1/2; recognition of 16 grey steps; Contrast range  $Y_w:Y_n = 88.6 : 0.0$       output:  $w^* \text{ setgray}$

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 15775:1999 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:  $R^*_{ab,m} = 100$

ME150-3, Meas.: Measure unknown; Device: Device unknown; Date: Date unknown

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

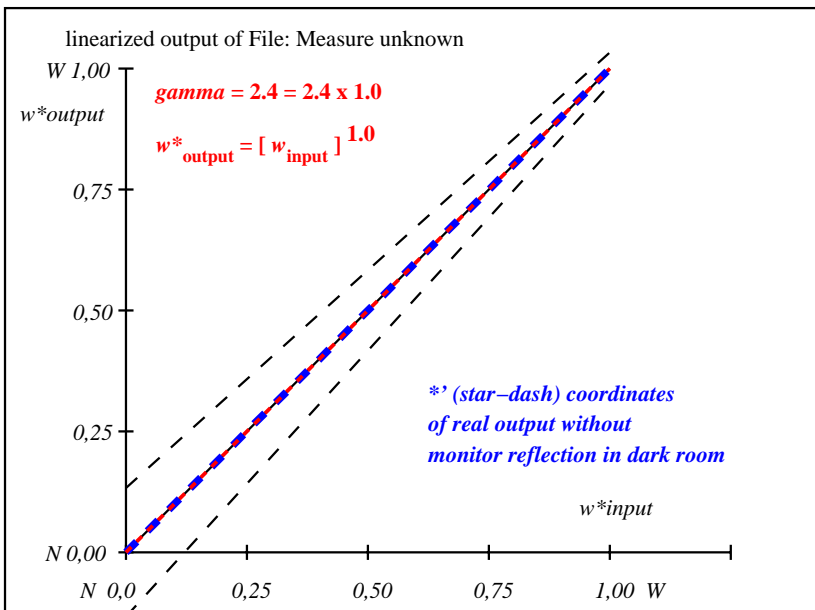
**Intended output S2**  
**Specification according to ISO/IEC 15775:1999 Annex G**

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

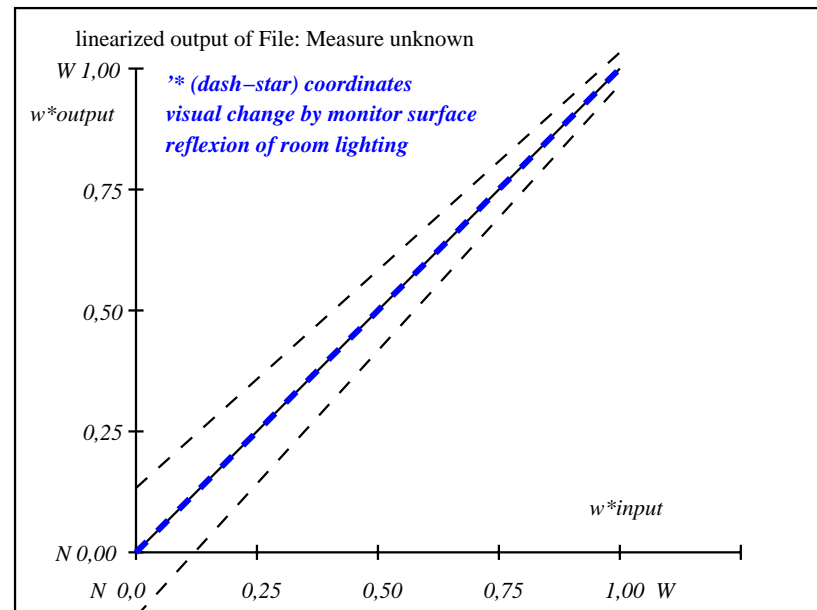
Mean lightness difference (5 steps)  
 $\Delta L^*_{CIELAB} = 0.0$

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

ME151-3, Meas.: Measure unknown; Device: Device unknown; Date: Date unknown



ME150-7, File: Measure unknown; Device: Device unknown; Date: Date unknown



ME150-7, File: Measure unknown; Device: Device unknown; Date: Date unknown