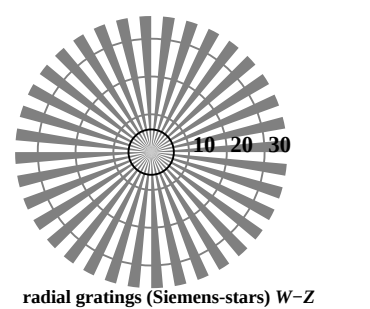
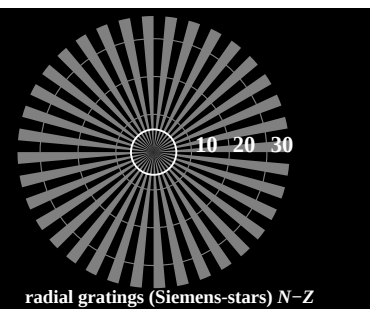
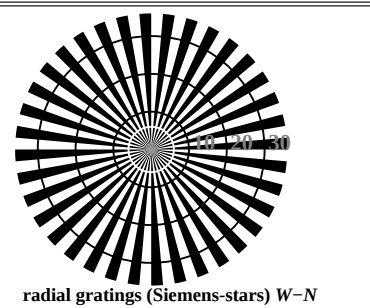
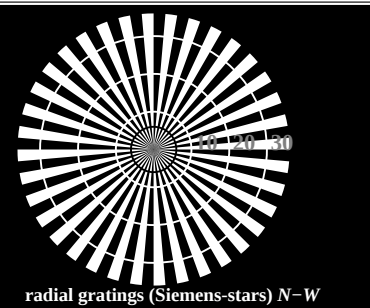


http://130.149.60.45/~farbmetrik/TE73/TE73L0FA.TXT /.PS; start output
F: 3D-linearization TE73/TE73LE30FA.DAT in file (F), page 1/2

TE730-3, Picture C1W-: Element A: radial gratings N-W, W-N, N-Z and W-Z; PS operator: *rgb/cmy0*

$L^*/Y_{intended}$	18.0/18.0	37.3/37.3	56.7/56.7	76.1/76.0	95.4/95.4	N_0 (min.)	W_1 (max.)
(absolute)							
$w^*=l^*_{CIELAB, r}$							
(relative)							
w^*_{input}	0,000	0,250	0,500	0,750	1,000	N_0 (min.)	W_1 (max.)
w^*_{output}							

TE730-5, Picture C2W-: Element B: 5 visual equidistant L^* -grey steps + N_0 + W_1 ; PS operator: *rgb/cmy0*

$L^*/Y_{intended}$	18.0/18.0	23.2/23.2	28.3/28.3	33.5/33.5	38.6/38.6	43.8/43.8	49.0/49.0	54.1/54.1	59.3/59.3	64.4/64.4	69.6/69.6	74.8/74.8	79.9/79.9	85.1/85.1	90.2/90.2	95.4/95.4
(absolute)																
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^*_{input}	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}																

TE730-7, Picture C3W-: Element C: 16 visual equidistant L^* -grey steps; PS operator: *rgb/cmy0*

test chart TE73; ME16(ISO 9241-306), 3(ISO/IEC 15775)
achromatic test chart N

input: *rgb/cmyk* -> *rgb/cmyk*
output: no change

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

Landolt-rings W-N

code: background-ring

TE731-1, Picture C4W-: Element D: Landolt-rings W-N; PS operator: *rgb/cmy0*

	120	128	136	144	152	160	168	176	184	192	200	208	216	224	232	240	
120 (+8)																	240
60 (+4)																	120
30 (+2)																	60
15 (+1)																	30
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	

line raster diameter in lpi

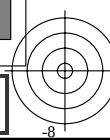
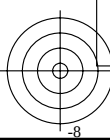
TE731-3, Picture C5W-: Element E: Line raster under 45° (or 135°); PS operator: *rgb/cmy0*

	120	128	136	144	152	160	168	176	184	192	200	208	216	224	232	240	
120 (+8)																	240
60 (+4)																	120
30 (+2)																	60
15 (+1)																	30
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	

line raster diameter in lpi

TE731-5, Picture C6W-: Element F: Line raster under 90° (or 0°); PS operator: *rgb/cmy0*

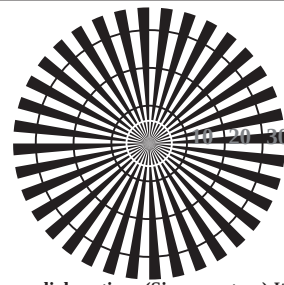
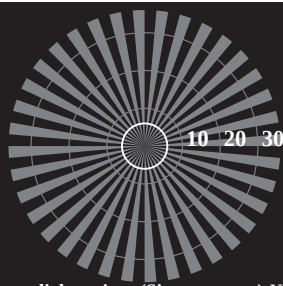
see similar files: <http://130.149.60.45/~farbmetrik/TE73/TE73L0FA.TXT>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



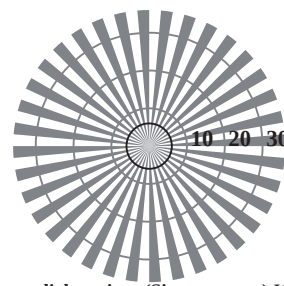
http://130.149.60.45/~farbmetrik/TE73/TE73L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization TE73/TE73LE30FA.DAT in file (F), page 2/2



radial gratings (Siemens-stars) *N*–*W*

radial gratings (Siemens-stars) $W-N$ 

radial gratings (Siemens-stars) $N-Z$



radial gratings (Siemens-stars) W-Z

TE730-3, Picture C1Wdd: Element A: radial gratings $N-W$, $W-N$, $N-Z$ and $W-Z$; PS operator: $rgb/cmyc$

L^*/Y_{intended} (absolute)	18.0/18.0	37.3/37.3	56.7/56.7	76.1/76.0	95.4/95.4	N_0 (min.)	W_1 (max.)
$w^*=l^*_{CIE_{LAB}, r}$ (relative)							
W^*_{input}	0,000	0,250	0,500	0,750	1,000	N_0 (min.)	W_1 (max.)
W^*_{output}							

TE730-5, Picture C2Wdd: Element B: 5 visual equidistant L^* -grey steps + $N0$ + $W1$; PS operator: *rgb/cmy0*

L^*/Y_{intended}	18.0/18.0	23.2/23.2	28.3/28.3	33.5/33.5	38.6/38.6	43.8/43.8	49.0/49.0	54.1/54.1	59.3/59.3	64.4/64.4	69.6/69.6	74.8/74.8	79.9/79.9	85.1/85.1	90.2/90.2	95.4/95.4
(absolute)																
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
$w^* = I_{\text{CIE LAB}, r}^*$																
w_{input}^*	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}^*																

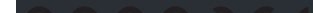
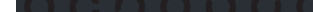
TE730-7, Picture C3Wdd: Element C: 16 visual equidistant L^* -grey steps; PS operator: *rgb/cmyc*



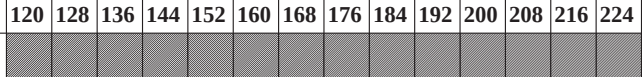
test chart TE73; ME16(ISO 9241-306), 3(ISO/IEC 15775)
achromatic test chart *N*, 3D=1, de=0, *cmYk**

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmyk^*_{dd}$



<i>background step</i>	0								1	<i>ring step</i>	0-1
<i>Hex code</i>	7								8	<i>Hex code</i>	7-8
	E								F		E-F
	2								0		2-0
	8								6		8-6
	F								D		F-D
		Landolt-rings W-N									<i>code: background-ring</i>

TE731-1, Picture C4Wdd: Element D: Landolt-rings W-N; PS operator: *rgb/cmy0*

	120	128	136	144	152	160	168	176	184	192	200	208	216	224	232	240	
120 (+8)																	240
60 (+4)																	120
30 (+2)																	60
15 (+1)																	30
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
line raster diameter in lpi																	

TE731-3, Picture C5Wdd: Element E: Line raster under 45° (or 135°); PS operator: *rgb/cmy0*

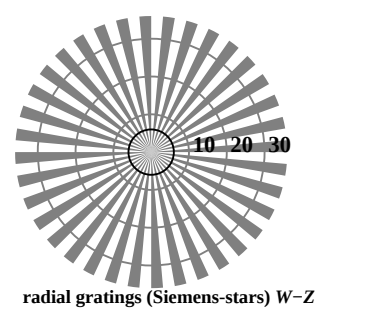
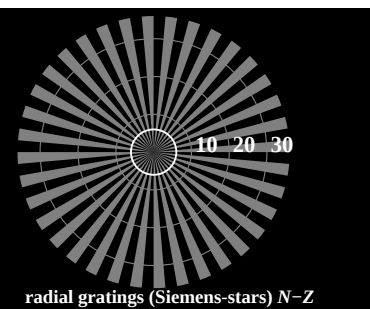
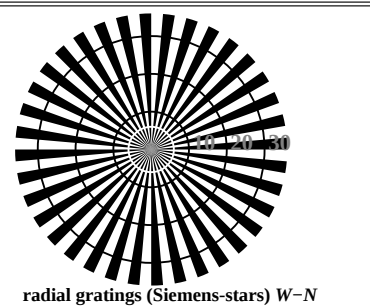
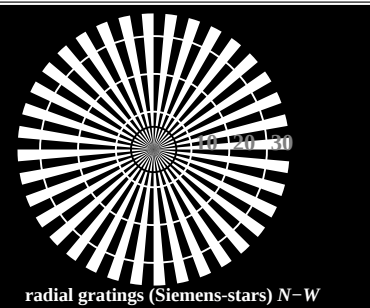
Figure 1 is a grid of 120x240 patterns, organized by line raster diameter (lpi) on both the horizontal and vertical axes. The horizontal axis (top and bottom) is labeled with line raster diameters from 120 to 240 lpi in increments of 8. The vertical axis (left and right) is labeled with line raster diameters from 120 to 30 lpi in increments of 4. Each cell in the grid contains a pattern of vertical lines. The patterns show how the combination of line and dot frequencies affects the perceived density and texture of the halftone. The patterns are labeled with their respective line and dot frequencies on the left and right sides of the grid.

TE731-5, Picture C6Wdd: Element F: Line raster under 90° (or 0°); PS operator: *rgb/cmy0*

see similar files: <http://130.149.60.45/~farbmietrik/TE73/TE73.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmietrik>

TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/TE73/TE73L0FA.TXT /.PS; start output
F: 3D-linearization TE73/TE73LE30FA.DAT in file (F), page 1/2

TE730-3, Picture C1W-: Element A: radial gratings N-W, W-N, N-Z and W-Z; PS operator: *rgb/cmy0*

$L^*/Y_{intended}$	18.0/18.0	37.3/37.3	56.7/56.7	76.1/76.0	95.4/95.4	N_0 (min.)	W_1 (max.)
(absolute)							
$w^*=l^*_{CIELAB, r}$							
(relative)							
w^*_{input}	0,000	0,250	0,500	0,750	1,000	N_0 (min.)	W_1 (max.)
w^*_{output}							

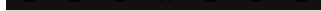
TE730-5, Picture C2W-: Element B: 5 visual equidistant L^* -grey steps + N_0 + W_1 ; PS operator: *rgb/cmy0*

$L^*/Y_{intended}$	18.0/18.0	23.2/23.2	28.3/28.3	33.5/33.5	38.6/38.6	43.8/43.8	49.0/49.0	54.1/54.1	59.3/59.3	64.4/64.4	69.6/69.6	74.8/74.8	79.9/79.9	85.1/85.1	90.2/90.2	95.4/95.4
(absolute)																
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^*_{input}	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}																

TE730-7, Picture C3W-: Element C: 16 visual equidistant L^* -grey steps; PS operator: *rgb/cmy0*

test chart TE73; ME16(ISO 9241-306), 3(ISO/IEC 15775)
achromatic test chart N

input: *rgb/cmyk* -> *rgb/cmyk*
output: no change

<i>background step</i>	0											1	<i>ring step</i>	0-1
<i>Hex code</i>													<i>Hex code</i>	
	7											8		7-8
	E											F		E-F
	2											0		2-0
	8											6		8-6
	F											D		F-D
		Landolt-rings W-N												<i>code: background-ring</i>

Landolt-rings W-N

code: background-ring

TE731-1, Picture C4W-: Element D: Landolt-rings W-N; PS operator: *rgb/cmy0*

	120	128	136	144	152	160	168	176	184	192	200	208	216	224	232	240	
120 (+8)																	240
60 (+4)																	120
30 (+2)																	60
15 (+1)																	30
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	

line raster diameter in lpi

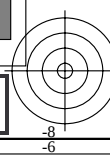
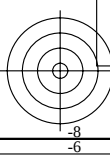
TE731-3, Picture C5W-: Element E: Line raster under 45° (or 135°); PS operator: *rgb/cmy0*

	120	128	136	144	152	160	168	176	184	192	200	208	216	224	232	240	
120 (+8)																	240
60 (+4)																	120
30 (+2)																	60
15 (+1)																	30
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	

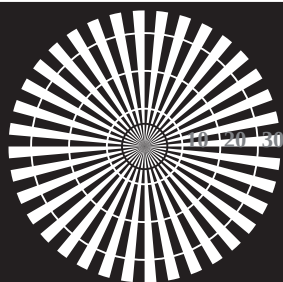
line raster diameter in lpi

TE731-5, Picture C6W-: Element F: Line raster under 90° (or 0°); PS operator: *rgb/cmy0*

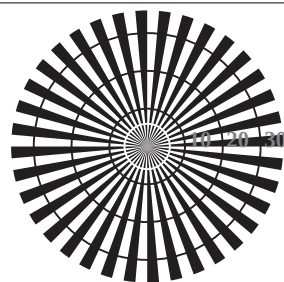
see similar files: <http://130.149.60.45/~farbmetrik/TE73/TE73L0FA.TXT>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



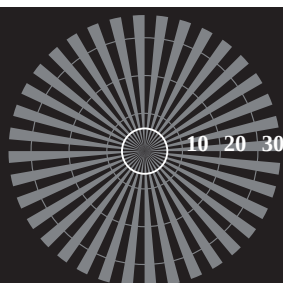
http://130.149.60.45/~farbmatrik/TE73/TE73L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization TE73/TE73LE30FA.DAT in file (F), page 2/2



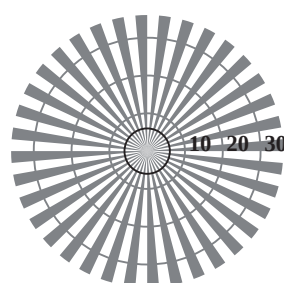
radial gratings (Siemens-stars) N-W



radial gratings (Siemens-stars) W-N



radial gratings (Siemens-stars) N-Z



radial gratings (Siemens-stars) W-Z

TE730-3, Picture C1Wde: Element A: radial gratings N-W, W-N, N-Z and W-Z; PS operator: *rgb/cmy0*

L^*/Y_{intended}	18.0/18.0	37.3/37.3	56.7/56.7	76.1/76.0	95.4/95.4	N_0 (min.)	W_1 (max.)
(absolute)							
$w^* = l^*_{\text{CIELAB}, r}$							
w^*_{input}	0,000	0,250	0,500	0,750	1,000	N_0 (min.)	W_1 (max.)
w^*_{output}							

TE730-5, Picture C2Wde: Element B: 5 visual equidistant L^* -grey steps + N_0 + W_1 ; PS operator: *rgb/cmy0*

L^*/Y_{intended}	18.0/18.0	23.2/23.2	28.3/28.3	33.5/33.5	38.6/38.6	43.8/43.8	49.0/49.0	54.1/54.1	59.3/59.3	64.4/64.4	69.6/69.6	74.8/74.8	79.9/79.9	85.1/85.1	90.2/90.2	95.4/95.4
(absolute)																
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
$w^* = l^*_{\text{CIELAB}, r}$																
w^*_{input}	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}																

TE730-7, Picture C3Wde: Element C: 16 visual equidistant L^* -grey steps; PS operator: *rgb/cmy0*

test chart TE73; ME16(ISO 9241-306), 3(ISO/IEC 15775)
achromatic test chart N, 3D=1, de=1, *cmyk**

input: *rgb/cmyk* -> *rgb_{de}*
output: 3D-linearization to *cmyk*_{de}*

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

Landolt-rings W-N

code: background-ring

TE731-1, Picture C4Wde: Element D: Landolt-rings W-N; PS operator: *rgb/cmy0*

	120	128	136	144	152	160	168	176	184	192	200	208	216	224	232	240	
120 (+8)																	240
60 (+4)																	120
30 (+2)																	60
15 (+1)																	30
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	

line raster diameter in lpi

TE731-3, Picture C5Wde: Element E: Line raster under 45° (or 135°); PS operator: *rgb/cmy0*

	120	128	136	144	152	160	168	176	184	192	200	208	216	224	232	240	
120 (+8)																	240
60 (+4)																	120
30 (+2)																	60
15 (+1)																	30
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	

line raster diameter in lpi

TE731-5, Picture C6Wde: Element F: Line raster under 90° (or 0°); PS operator: *rgb/cmy0*