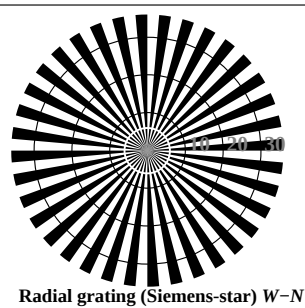
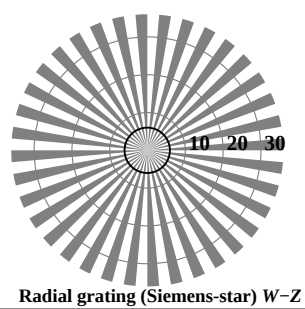




Radial grating (Siemens-star) $W-N$



Radial grating (Siemens-star) W-Z

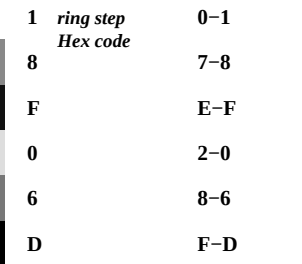
L^*/Y^* _{intended} (absolute)	0.0/0.0	23.8/4.0	47.7/16.5	71.5/43.0	95.4/88.5	N_0 (min.)	W_1 (max.)
$w^* w^* w^*$ setrgb $g_P=1.0$							
No. and Hex code	00;4	01;3	02;2	03;1	04;0		
$w^*=l^*$ CIELAB, r (relative)							
w^* _{intended}	0,000	0,250	0,500	0,750	1,000	N_0 (min.)	W_1 (max.)
w^* _{out}	0.0	0.25	0.5	0.75	1.0		

OE640-5N, Picture A2-130-9: 5 equidistant L^* -grey steps+N0+W1; PS operator: $w^* w^* w^* setrgbcolor$

$L^*/Y_{intended}$ (absolute)	0.0/0.0	6.3/0.7	12.7/1.5	19.0/2.7	25.4/4.5	31.8/6.9	38.1/10.1	44.5/14.2	50.8/19.1	57.2/25.1	63.6/32.3	69.9/40.7	76.3/50.4	82.6/61.5	89.0/74.2	95.4/88.5
$w^* w^* w^*$ <i>setrgb</i> $g_P=1.0$																
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
$w^*=l^*$ <i>CIELAB</i> , 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

OE640-7N, Picture A3-130-9: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^* setrgbcolor$

OE64: similar ME16 according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:0,31$; Y_N range 0,0 to $<0,46$



code: background-ring

OE641-1N, Picture A4-130-9: Landolt-rings W-N; PS operator: `w* w* w* setrgbcolor`

	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*

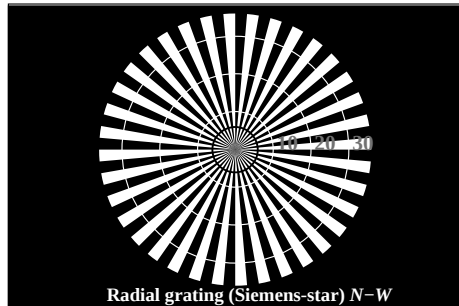
OE641-3N, Picture A5-130-9: Line raster under 45° (or 135°); PS operator: $w^* w^* w^* \text{setrgbcolor}$

	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																	

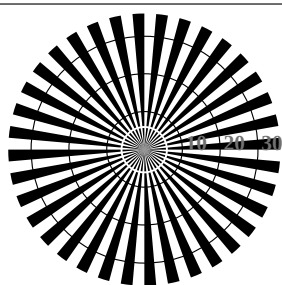
OE641-5N, Picture A6-130-9: Line raster under 90° (or 0°); PS operator: $w^* w^* w^* \text{setrgbcolor}$

input: *all* ($\rightarrow rgb^*_{de}$) *setrgbcolor*
output 130-9: $q_P=1.0$; $q_N=1.0$

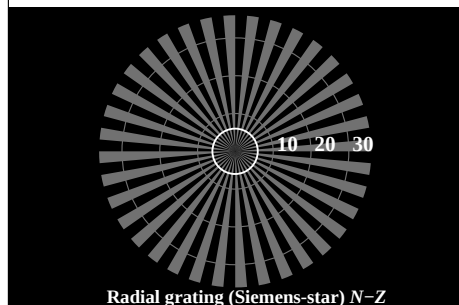
See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB



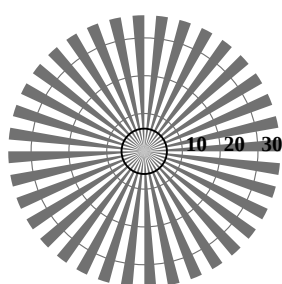
Radial grating (Siemens-star) N-W



Radial grating (Siemens-star) W-N

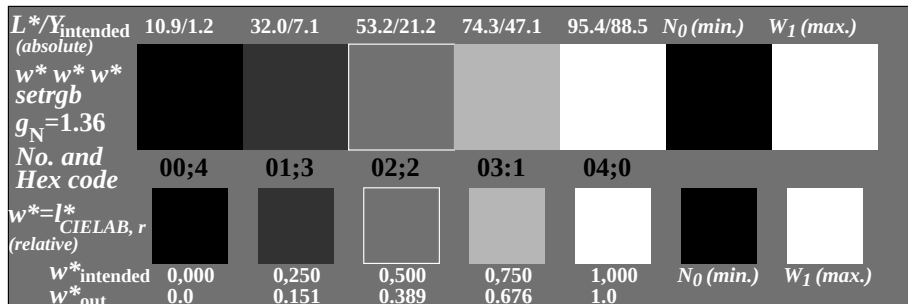


Radial grating (Siemens-star) N-Z

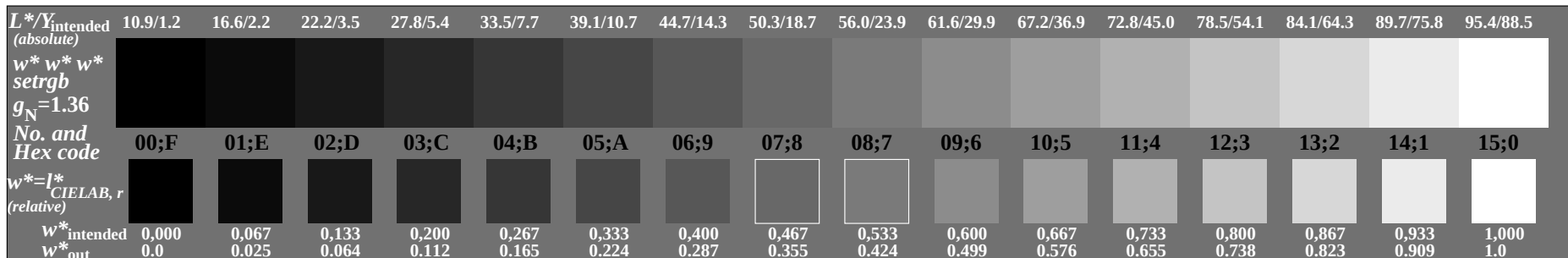


Radial grating (Siemens-star) W-Z

OE640-3N, Picture A1-132-9: Radial grating N-W, W-N, N-Z, W-Z; PS operator: $w^* w^* w^* \text{setrgbcolor}$

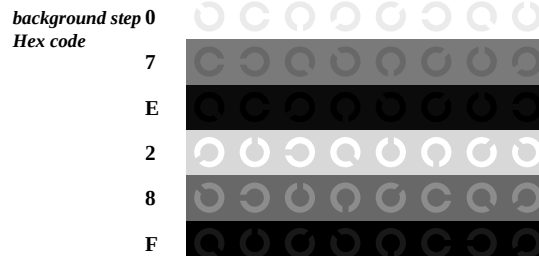


OE640-5N, Picture A2-132-9: 5 equidistant L^* -grey steps+ N_0 + W_1 ; PS operator: $w^* w^* w^* \text{setrgbcolor}$

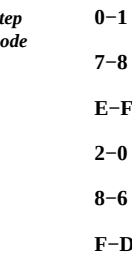


OE640-7N, Picture A3-132-9: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^* \text{setrgbcolor}$

OE64: similar ME16 according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:1,25$; Y_N range 0,93 to <1,87

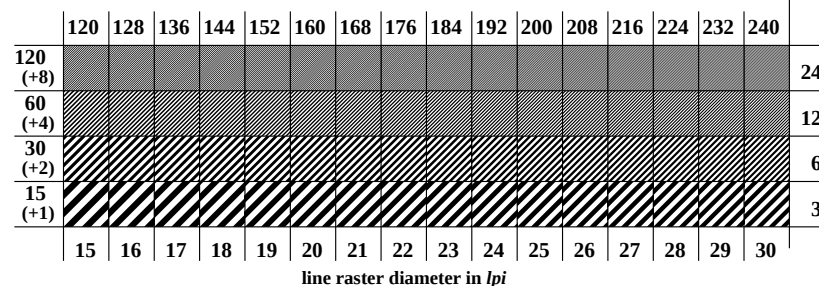


Landolt-rings W-N



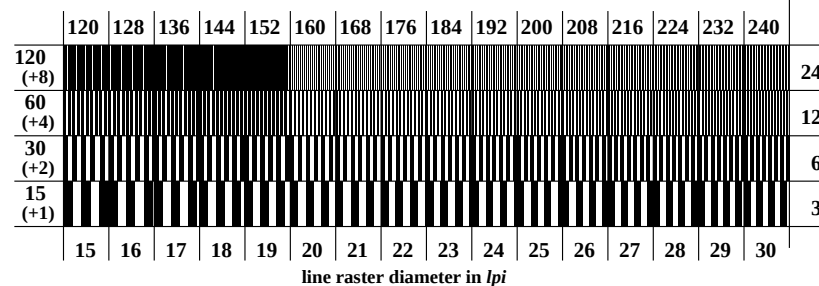
code: background-ring

OE641-1N, Picture A4-132-9: Landolt-rings W-N; PS operator: $w^* w^* w^* \text{setrgbcolor}$



line raster diameter in lpi

OE641-3N, Picture A5-132-9: Line raster under 45° (or 135°); PS operator: $w^* w^* w^* \text{setrgbcolor}$



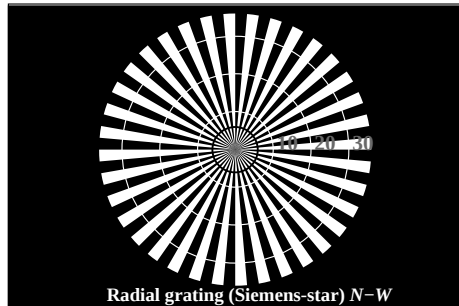
line raster diameter in lpi

OE641-5N, Picture A6-132-9: Line raster under 90° (or 0°); PS operator: $w^* w^* w^* \text{setrgbcolor}$

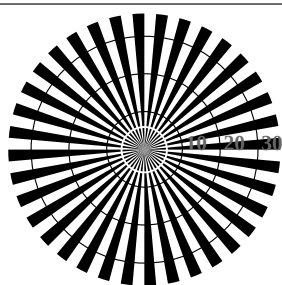
input: all ($\rightarrow \text{rgb}^*_{\text{de}}$) setrgbcolor
output 130-9: $g_P=1.0$; $g_N=1.17$

TUB registration: 20110801-OE64/OE64L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta

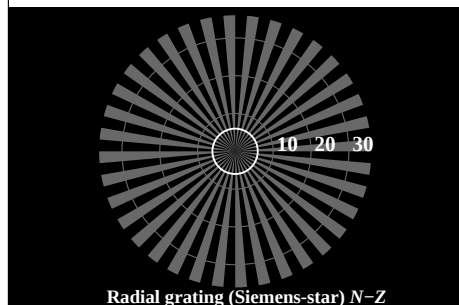
See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB



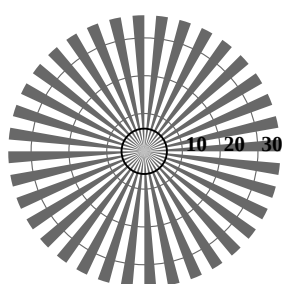
Radial grating (Siemens-star) N-W



Radial grating (Siemens-star) W-N

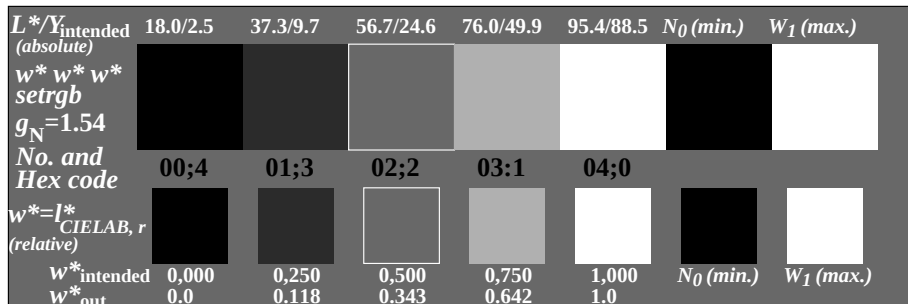


Radial grating (Siemens-star) N-Z

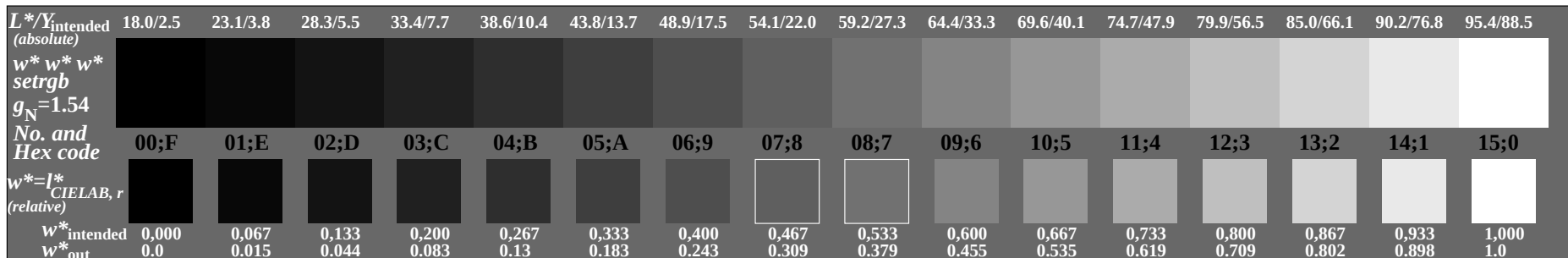


Radial grating (Siemens-star) W-Z

OE640-3N, Picture A1-133-9: Radial grating N-W, W-N, N-Z, W-Z; PS operator: $w^* w^* w^* \text{setrgbcolor}$

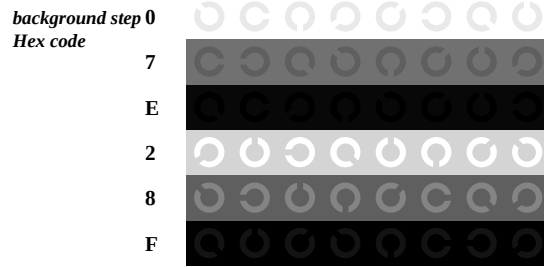


OE640-5N, Picture A2-133-9: 5 equidistant L^* -grey steps+ N_0 + W_1 ; PS operator: $w^* w^* w^* \text{setrgbcolor}$



OE640-7N, Picture A3-133-9: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^* \text{setrgbcolor}$

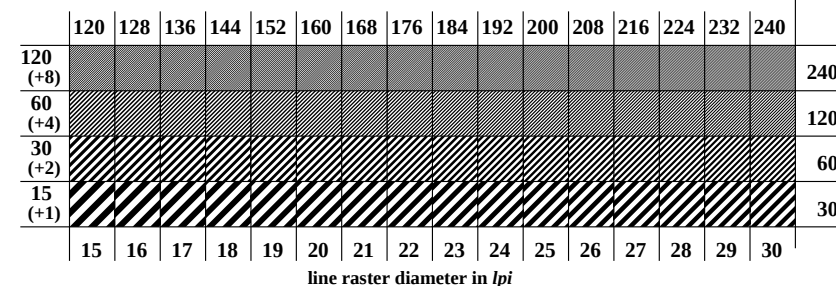
OE64: similar ME16 according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:2,5$; Y_N range 1,87 to <3,75



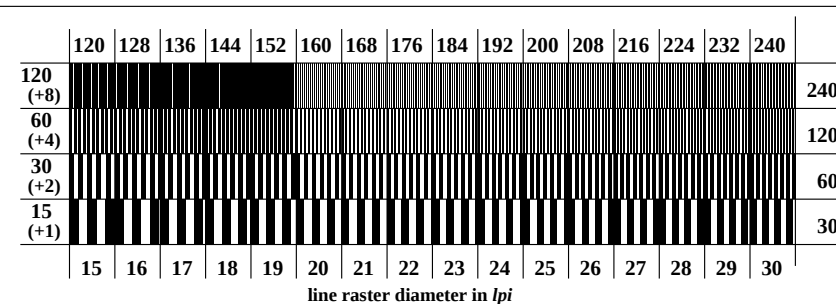
Landolt-rings W-N

code: background-ring

OE641-1N, Picture A4-133-9: Landolt-rings W-N; PS operator: $w^* w^* w^* \text{setrgbcolor}$



OE641-3N, Picture A5-133-9: Line raster under 45° (or 135°); PS operator: $w^* w^* w^* \text{setrgbcolor}$

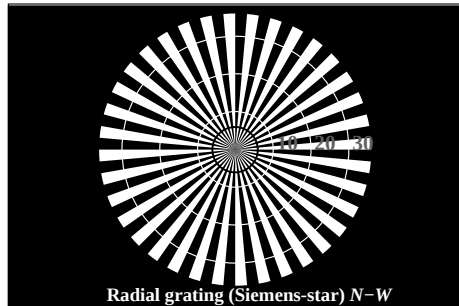


OE641-5N, Picture A6-133-9: Line raster under 90° (or 0°); PS operator: $w^* w^* w^* \text{setrgbcolor}$

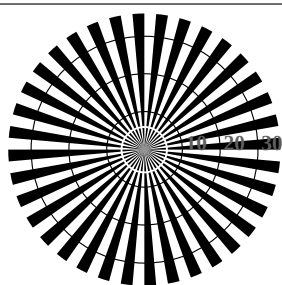
input: all ($\rightarrow \text{rgb}^*_{\text{de}}$) setrgbcolor
output 130-9: $g_P=1.0$; $g_N=1.29$

TUB registration: 20110801-OE64/OE64L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta

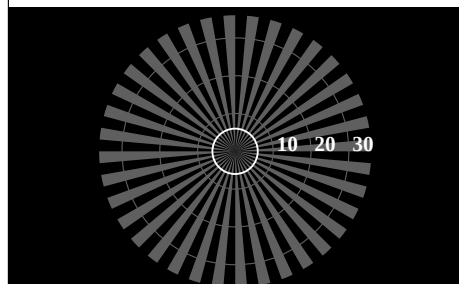
See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB



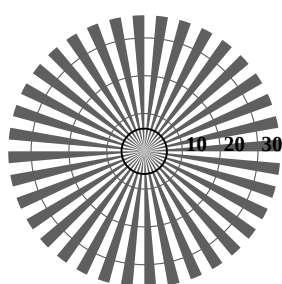
Radial grating (Siemens-star) N-W



Radial grating (Siemens-star) W-N

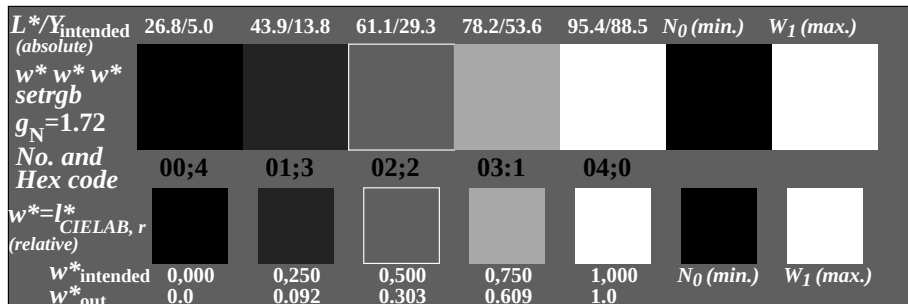


Radial grating (Siemens-star) N-Z

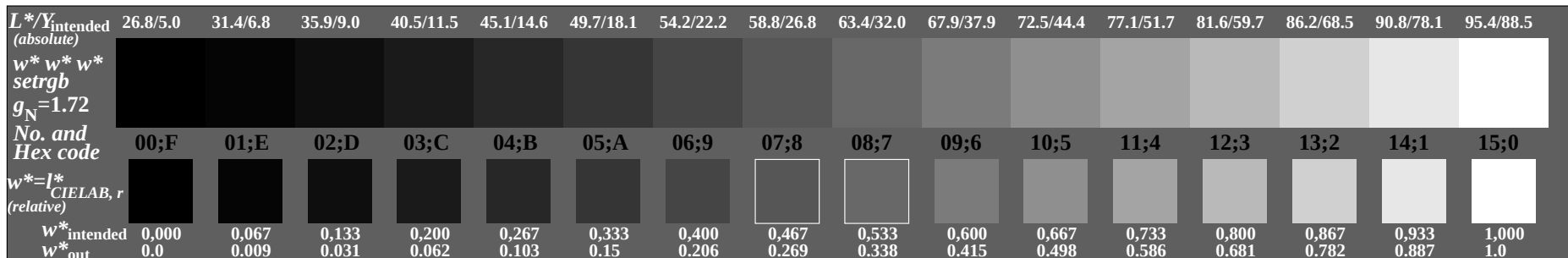


Radial grating (Siemens-star) W-Z

OE640-3N, Picture A1-134-9: Radial grating N-W, W-N, N-Z, W-Z; PS operator: $w^* w^* w^* \text{setrgbcolor}$

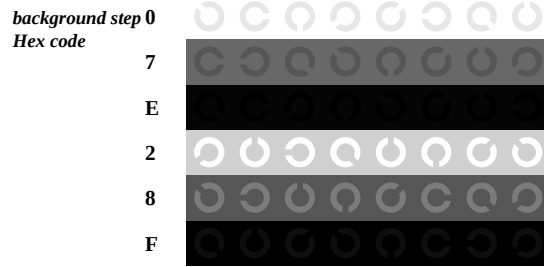


OE640-5N, Picture A2-134-9: 5 equidistant L^* -grey steps+ N_0 + W_1 ; PS operator: $w^* w^* w^* \text{setrgbcolor}$

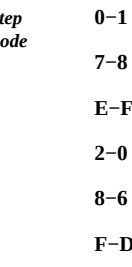


OE640-7N, Picture A3-134-9: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^* \text{setrgbcolor}$

OE64: similar ME16 according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:5$; Y_N range 3,75 to <7,5

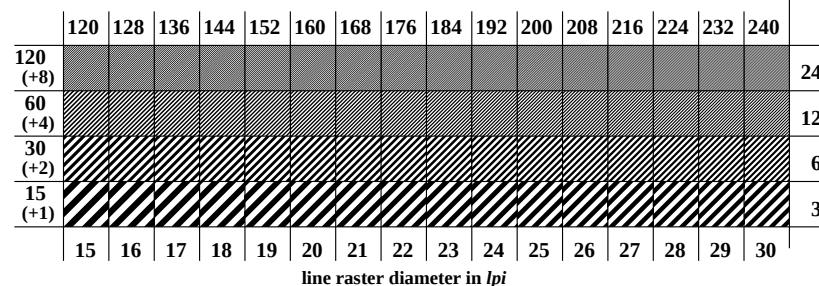


Landolt-rings W-N



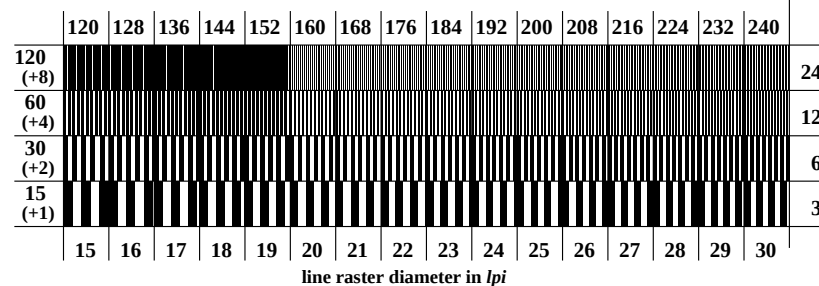
code: background-ring

OE641-1N, Picture A4-134-9: Landolt-rings W-N; PS operator: $w^* w^* w^* \text{setrgbcolor}$



line raster diameter in lpi

OE641-3N, Picture A5-134-9: Line raster under 45° (or 135°); PS operator: $w^* w^* w^* \text{setrgbcolor}$



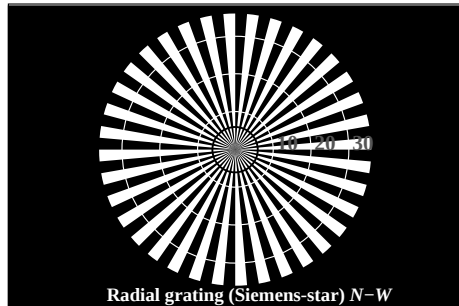
line raster diameter in lpi

OE641-5N, Picture A6-134-9: Line raster under 90° (or 0°); PS operator: $w^* w^* w^* \text{setrgbcolor}$

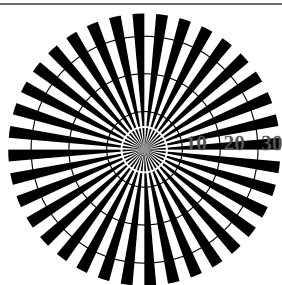
input: all ($\rightarrow \text{rgb}^*_{\text{de}}$) setrgbcolor
output 130-9: $g_P=1.0$; $g_N=1.42$

TUB registration: 20110801-OE64/OE64L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta

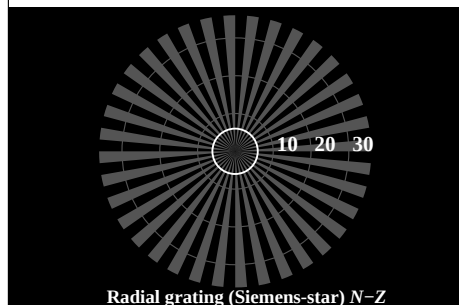
See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB



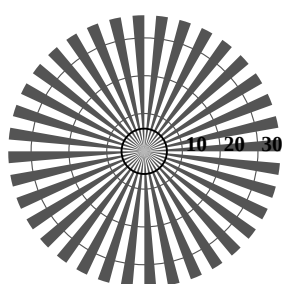
Radial grating (Siemens-star) N-W



Radial grating (Siemens-star) W-N

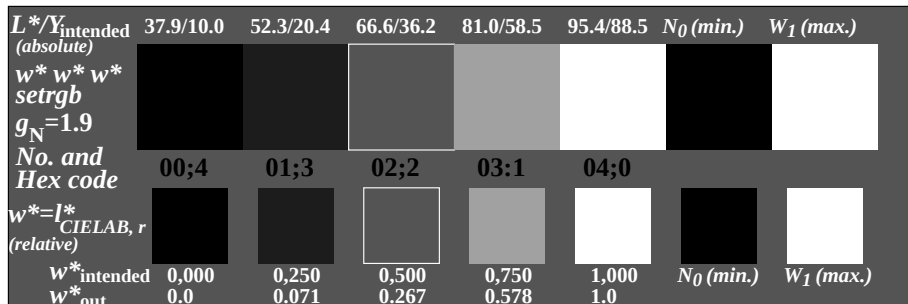


Radial grating (Siemens-star) N-Z

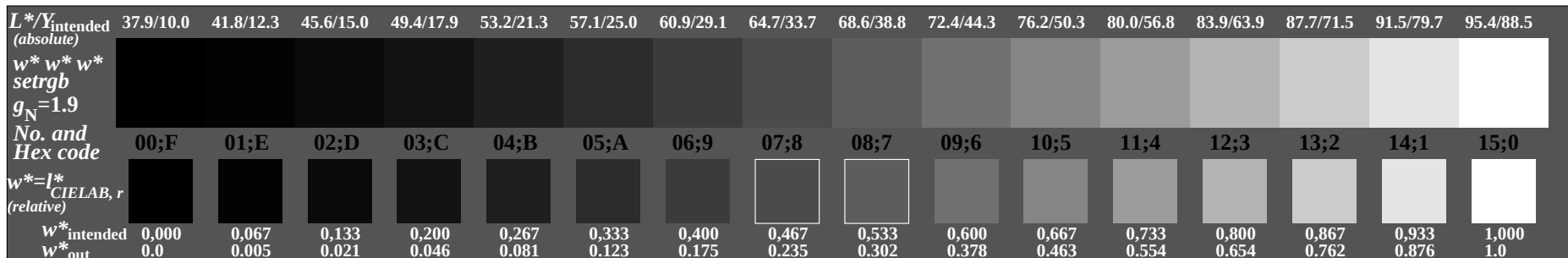


Radial grating (Siemens-star) W-Z

OE640-3N, Picture A1-135-9: Radial grating N-W, W-N, N-Z, W-Z; PS operator: $w^* w^* w^* \text{setrgbcolor}$

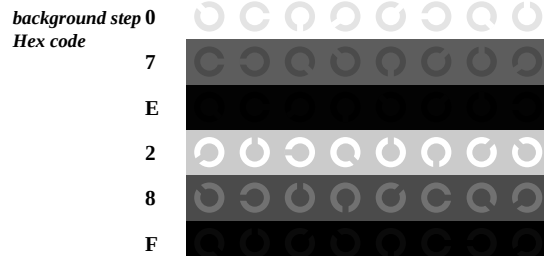


OE640-5N, Picture A2-135-9: 5 equidistant L^* -grey steps+ N_0 + W_1 ; PS operator: $w^* w^* w^* \text{setrgbcolor}$



OE640-7N, Picture A3-135-9: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^* \text{setrgbcolor}$

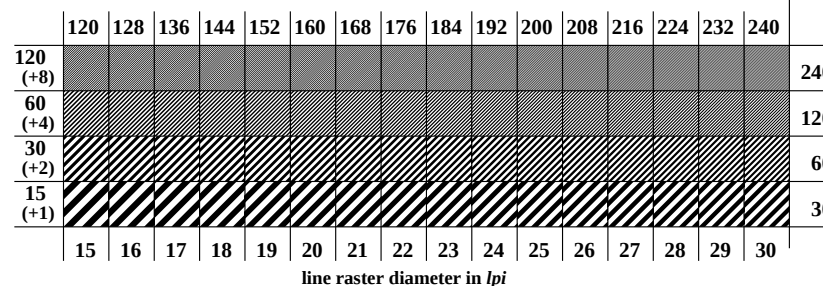
OE64: similar ME16 according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:10$; Y_N range 7,5 to <15



Landolt-rings W-N

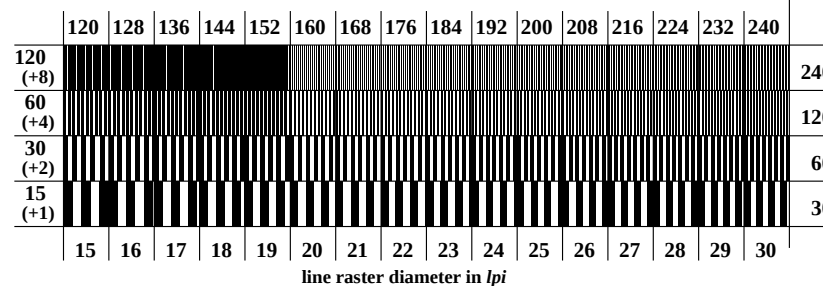
code: background-ring

OE641-1N, Picture A4-135-9: Landolt-rings W-N; PS operator: $w^* w^* w^* \text{setrgbcolor}$



line raster diameter in lpi

OE641-3N, Picture A5-135-9: Line raster under 45° (or 135°); PS operator: $w^* w^* w^* \text{setrgbcolor}$



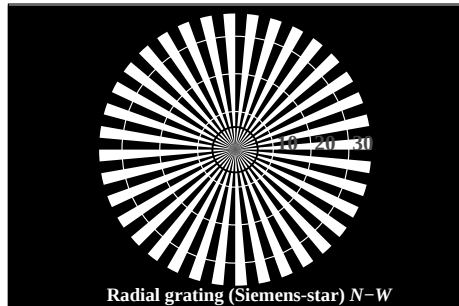
line raster diameter in lpi

OE641-5N, Picture A6-135-9: Line raster under 90° (or 0°); PS operator: $w^* w^* w^* \text{setrgbcolor}$

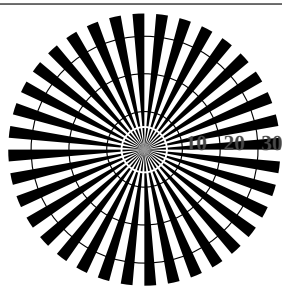
input: all ($\rightarrow \text{rgb}^*_{\text{de}}$) setrgbcolor
output 130-9: $g_P=1.0$; $g_N=1.6$

TUB registration: 20110801-OE64/OE64L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta

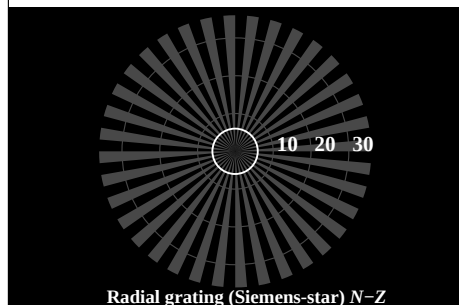
See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB



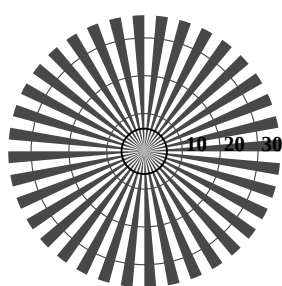
Radial grating (Siemens-star) N-W



Radial grating (Siemens-star) W-N

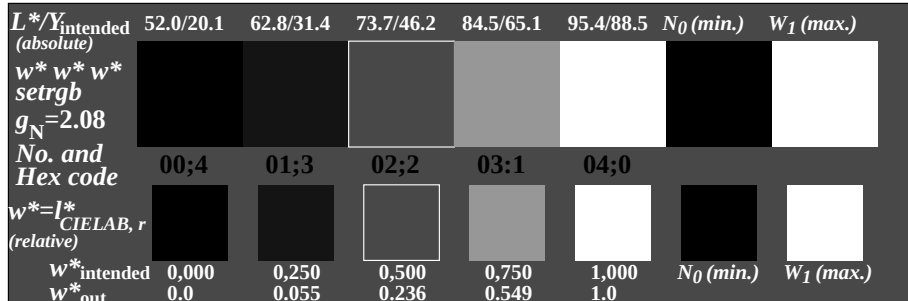


Radial grating (Siemens-star) N-Z

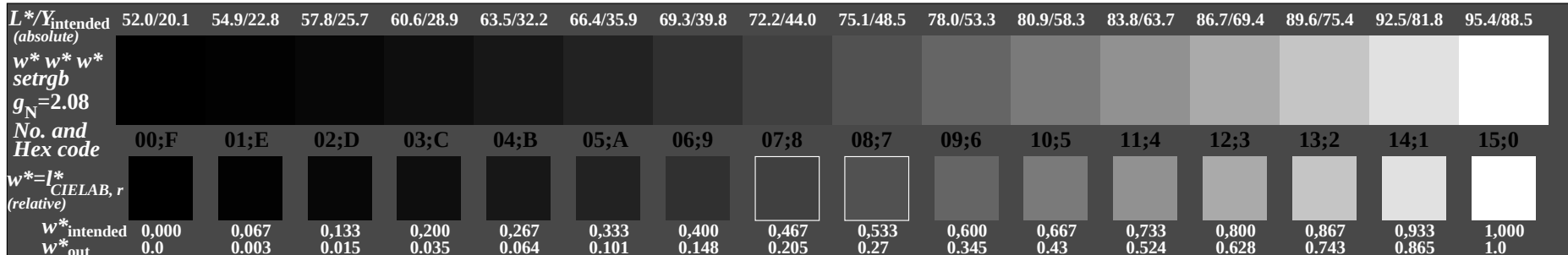


Radial grating (Siemens-star) W-Z

OE640-3N, Picture A1-136-9: Radial grating N-W, W-N, N-Z, W-Z; PS operator: $w^* w^* w^* \text{setrgbcolor}$



OE640-5N, Picture A2-136-9: 5 equidistant L^* -grey steps+ N_0 + W_1 ; PS operator: $w^* w^* w^* \text{setrgbcolor}$



OE640-7N, Picture A3-136-9: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^* \text{setrgbcolor}$

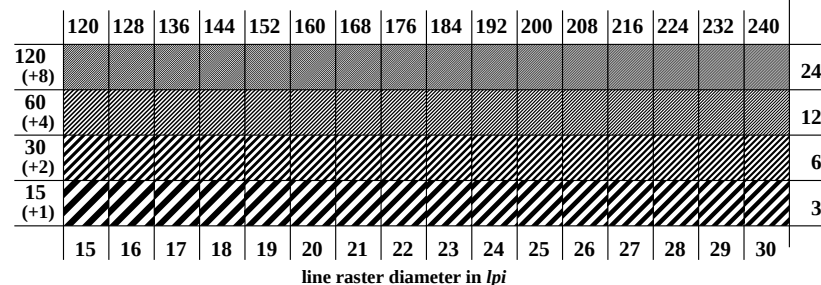
OE64: similar ME16 according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:20$; Y_N range 15 to <30

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

Landolt-rings W-N

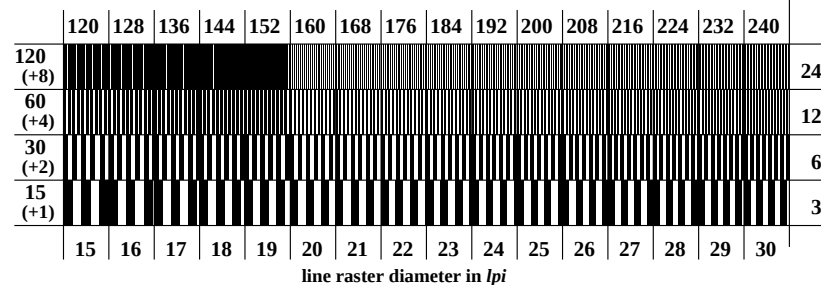
code: background-ring

OE641-1N, Picture A4-136-9: Landolt-rings W-N; PS operator: $w^* w^* w^* \text{setrgbcolor}$



line raster diameter in lpi

OE641-3N, Picture A5-136-9: Line raster under 45° (or 135°); PS operator: $w^* w^* w^* \text{setrgbcolor}$



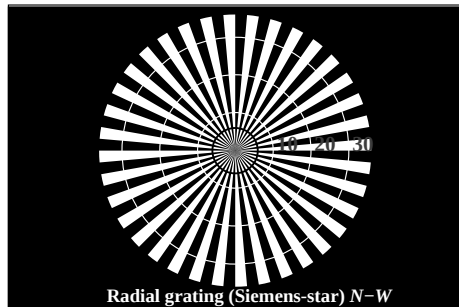
line raster diameter in lpi

OE641-5N, Picture A6-136-9: Line raster under 90° (or 0°); PS operator: $w^* w^* w^* \text{setrgbcolor}$

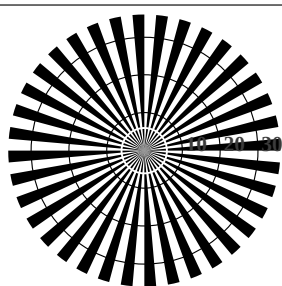
input: all ($\rightarrow \text{rgb}^*_{\text{de}}$) setrgbcolor
output 130-9: $g_P=1.0$; $g_N=1.81$

TUB registration: 20110801-OE64/OE64L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta

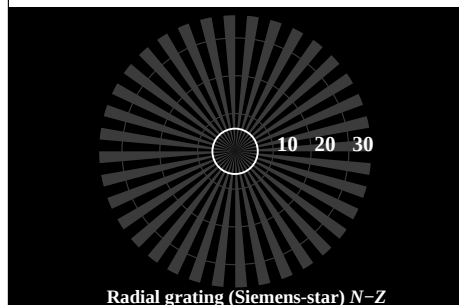
See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB



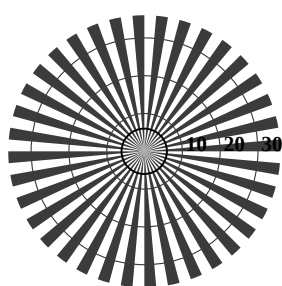
Radial grating (Siemens-star) N-W



Radial grating (Siemens-star) W-N

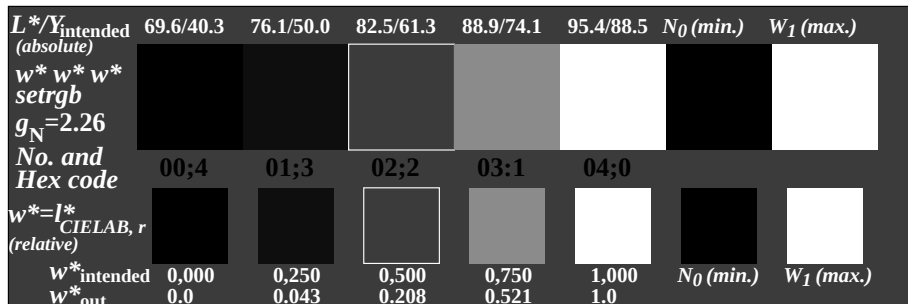


Radial grating (Siemens-star) N-Z

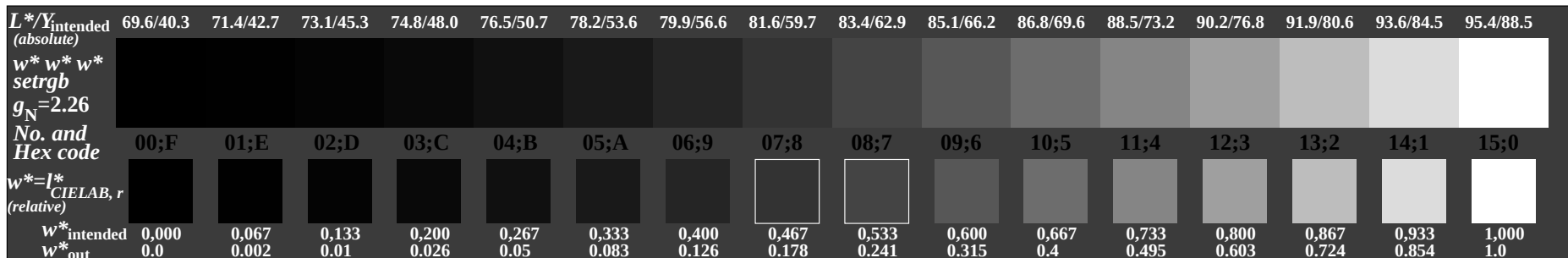


Radial grating (Siemens-star) W-Z

OE640-3N, Picture A1-137-9: Radial grating N-W, W-N, N-Z, W-Z; PS operator: $w^* w^* w^* \text{setrgbcolor}$

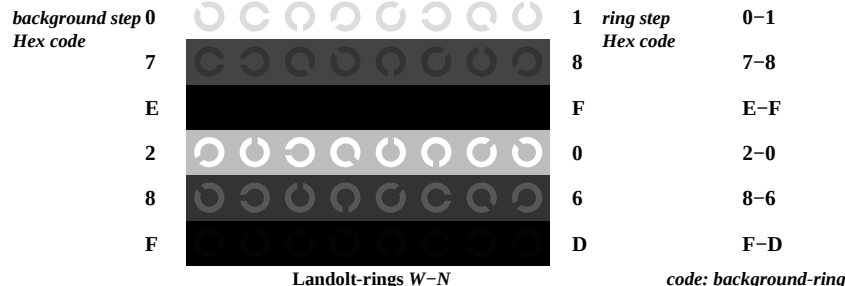


OE640-5N, Picture A2-137-9: 5 equidistant L^* -grey steps+ N_0 + W_1 ; PS operator: $w^* w^* w^* \text{setrgbcolor}$

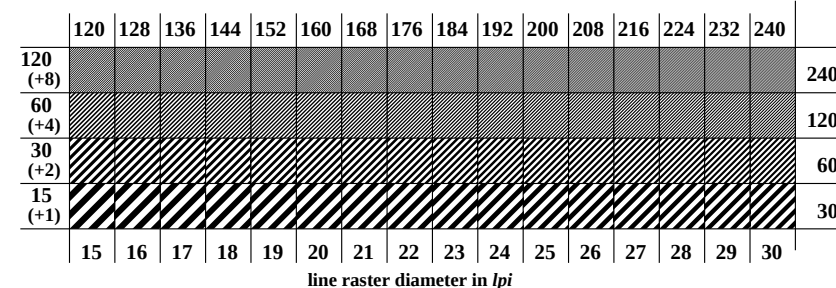


OE640-7N, Picture A3-137-9: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^* \text{setrgbcolor}$

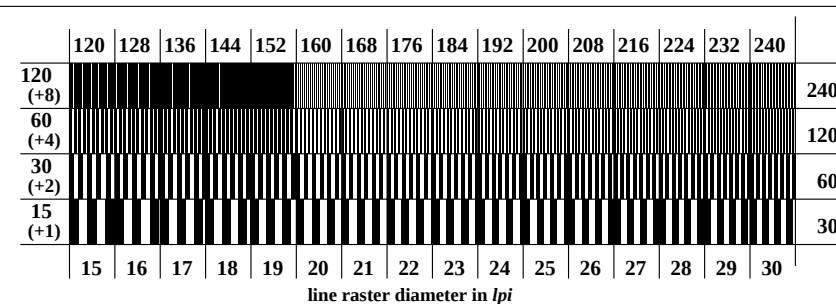
OE64: similar ME16 according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:40$; Y_N range 30 to <60



OE641-1N, Picture A4-137-9: Landolt-rings W-N; PS operator: $w^* w^* w^* \text{setrgbcolor}$



OE641-3N, Picture A5-137-9: Line raster under 45° (or 135°); PS operator: $w^* w^* w^* \text{setrgbcolor}$



OE641-5N, Picture A6-137-9: Line raster under 90° (or 0°); PS operator: $w^* w^* w^* \text{setrgbcolor}$

input: all ($\rightarrow \text{rgb}^*_{\text{de}}$) setrgbcolor
output 130-9: $g_P=1.0$; $g_N=2.1$

TUB registration: 20110801-OE64/OE64L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta