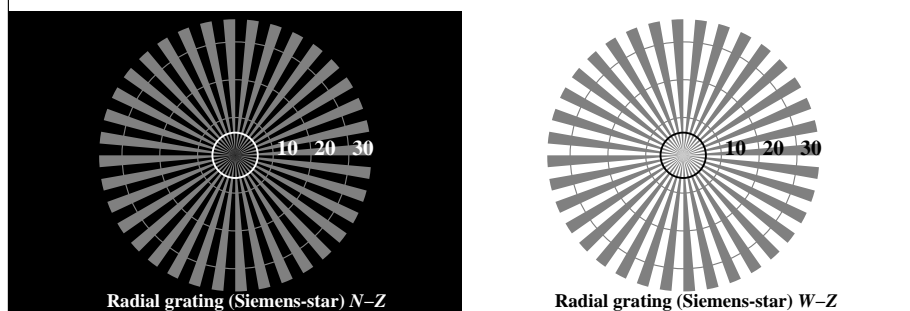
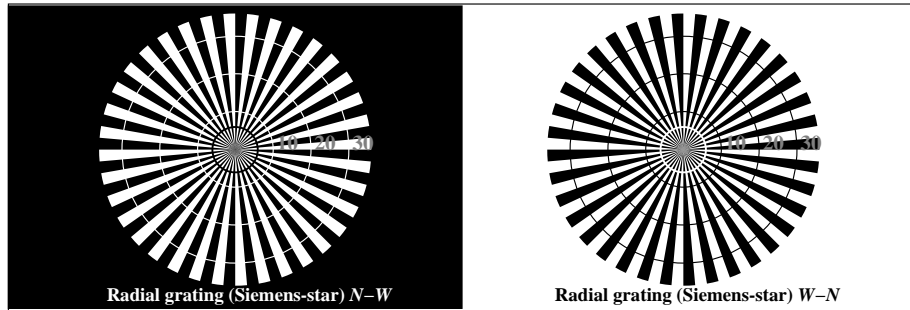
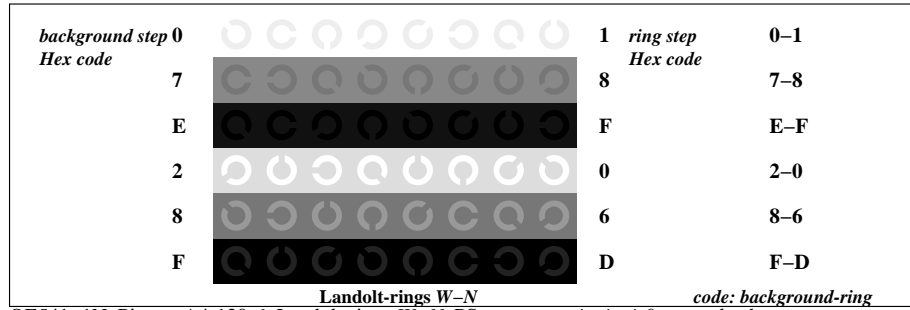


See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1.1, CIELAB

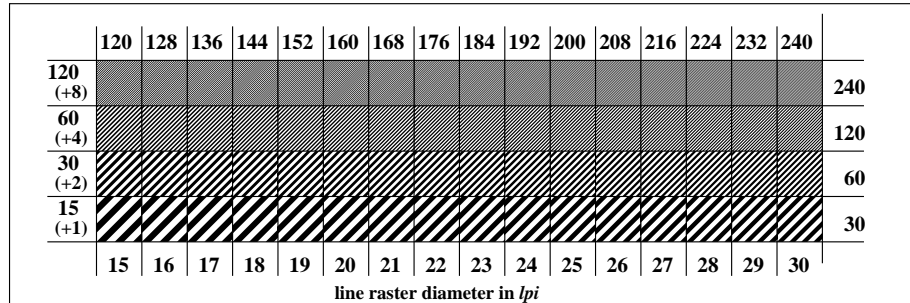
TUB registration: 20110801-OE54/OE54L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=thdata



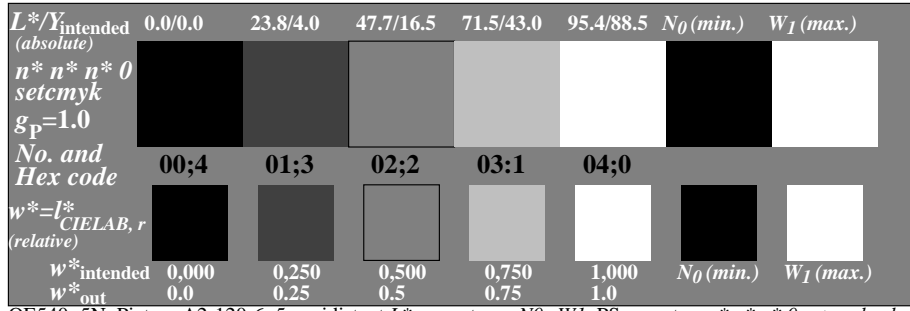
OE540-3N, Picture A1-120-6: Radial grating N-W, W-N, N-Z, W-Z; PS operator: $n^*n^*n^*0$ setcmykcolor



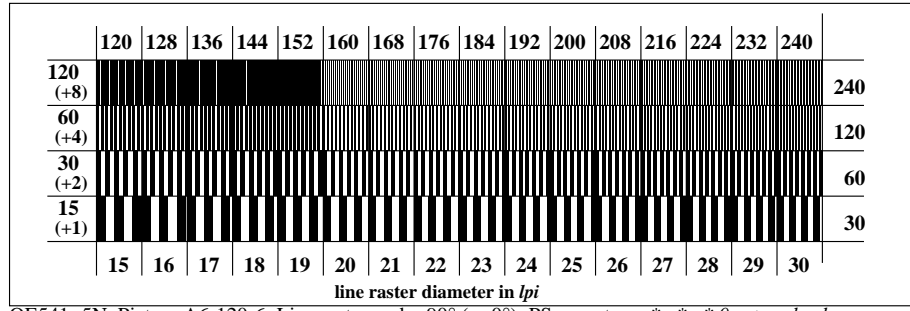
OE541-1N, Picture A4-120-6: Landolt-rings W-N; PS operator: $n^*n^*n^*0$ setcmykcolor



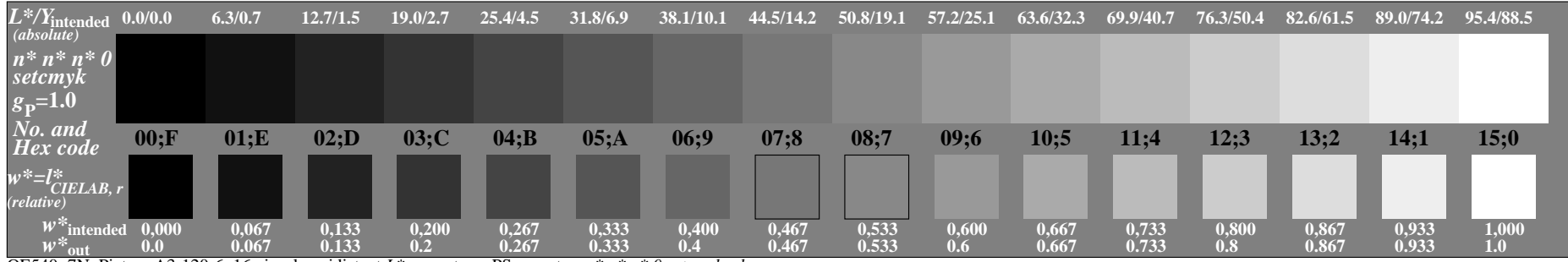
OE541-3N, Picture A5-120-6: Line raster under 45° (or 135°); PS operator: $n^*n^*n^*0$ setcmykcolor



OE540-5N, Picture A2-120-6: 5 equidistant L^* -grey steps+ N_0 + W_1 ; PS operator: $n^*n^*n^*0$ setcmykcolor



OE541-5N, Picture A6-120-6: Line raster under 90° (or 0°); PS operator: $n^*n^*n^*0$ setcmykcolor



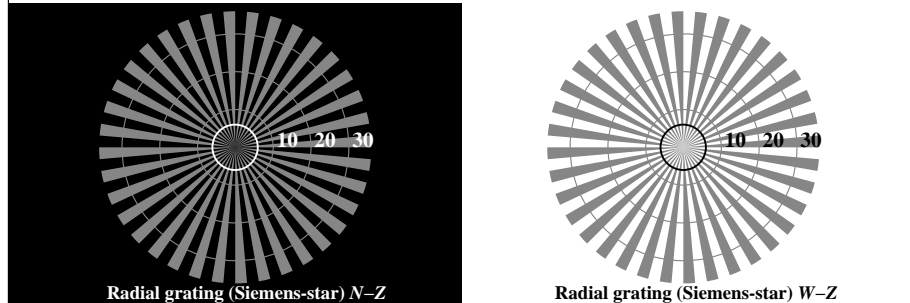
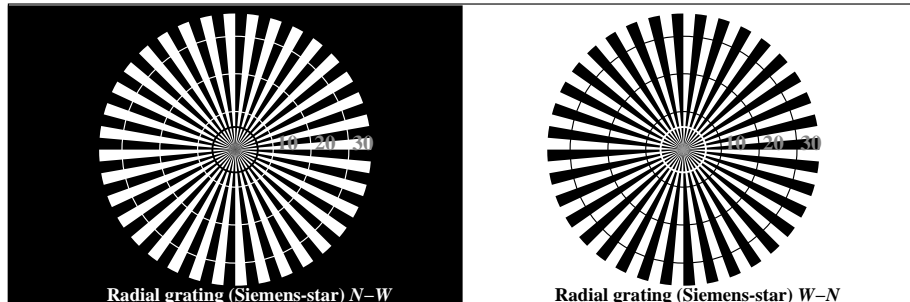
OE540-7N, Picture A3-120-6: 16 visual equidistant L^* -grey steps; PS operator: $n^*n^*n^*0$ setcmykcolor

OE54: similar ME16 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

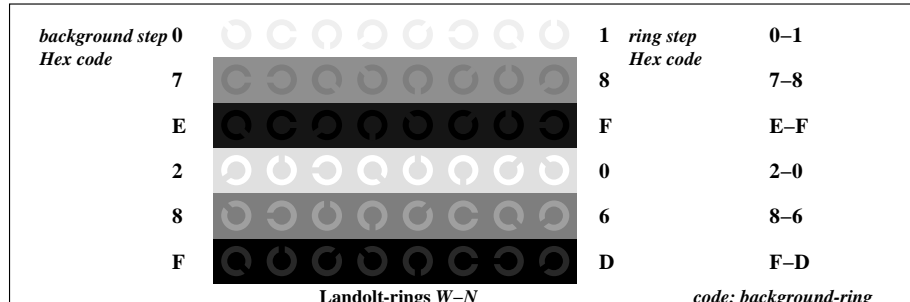
input: all (->rgb*d) setrgbcolor
 output 130-6: $g_p=1.0$; $g_N=1.0$

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

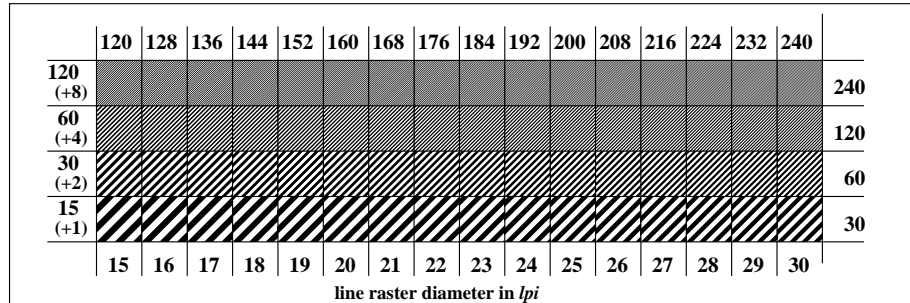
TUB registration: 20110801-OE54/OE54L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=thdata



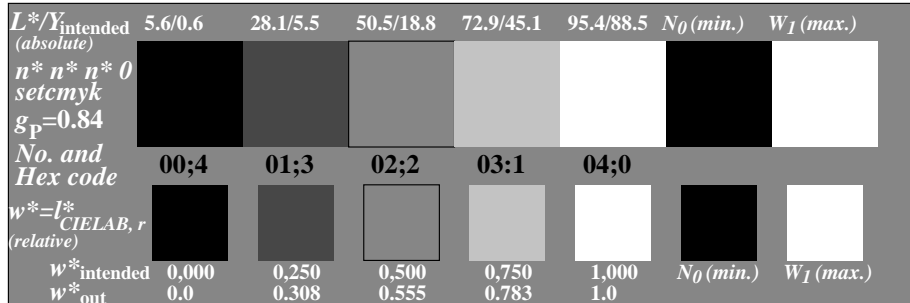
OE540-3N, Picture A1-121-6: Radial grating N-W, W-N, N-Z, W-Z; PS operator: $n^*n^*n^*0$ setcmykcolor



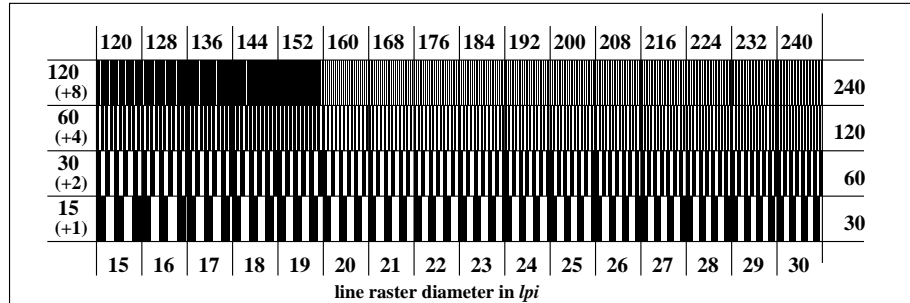
OE541-1N, Picture A4-121-6: Landolt-rings W-N; PS operator: $n^*n^*n^*0$ setcmykcolor



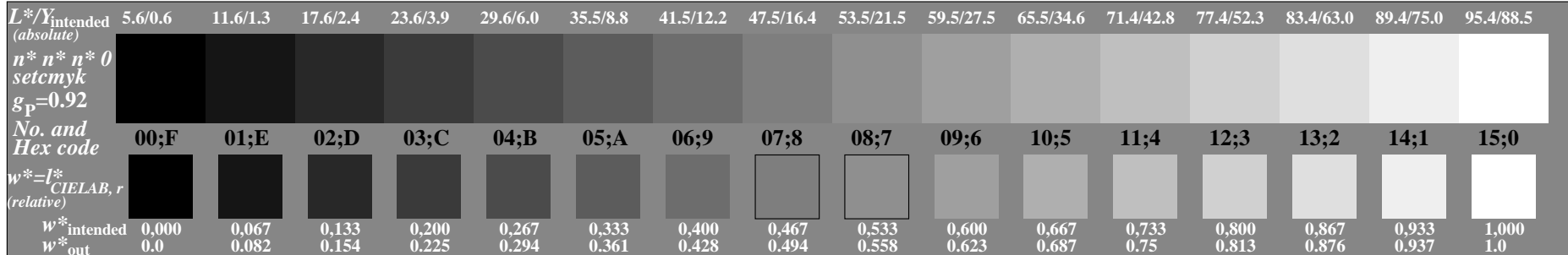
OE541-3N, Picture A5-121-6: Line raster under 45° (or 135°); PS operator: $n^*n^*n^*0$ setcmykcolor



OE540-5N, Picture A2-121-6: 5 equidistant L^* -grey steps+ N_0 + W_1 ; PS operator: $n^*n^*n^*0$ setcmykcolor



OE541-5N, Picture A6-121-6: Line raster under 90° (or 0°); PS operator: $n^*n^*n^*0$ setcmykcolor



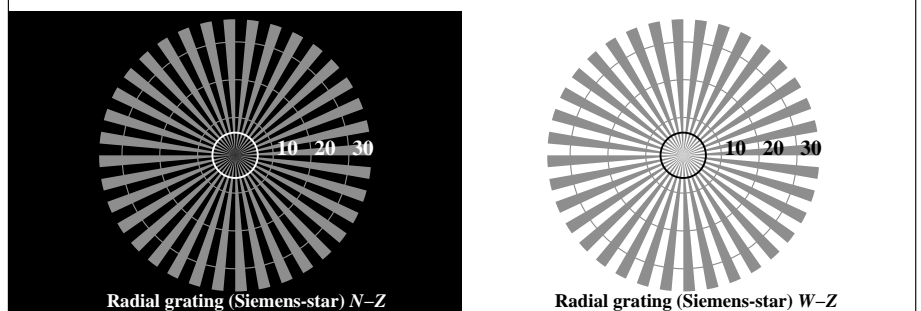
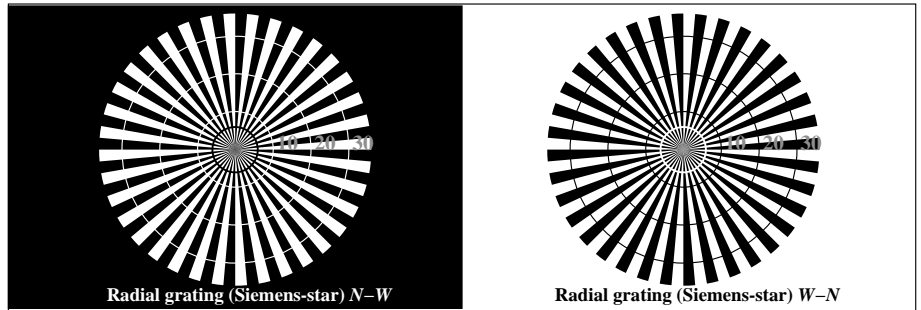
OE540-7N, Picture A3-121-6: 16 visual equidistant L^* -grey steps; PS operator: $n^*n^*n^*0$ setcmykcolor

OE54: similar ME16 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

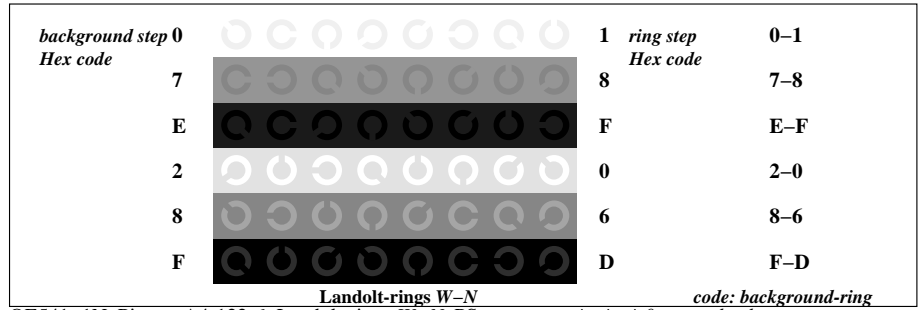
input: all (->rgb*_d) setrgbcolor
 output 131-6: $g_p=0.92$; $g_N=1.0$

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

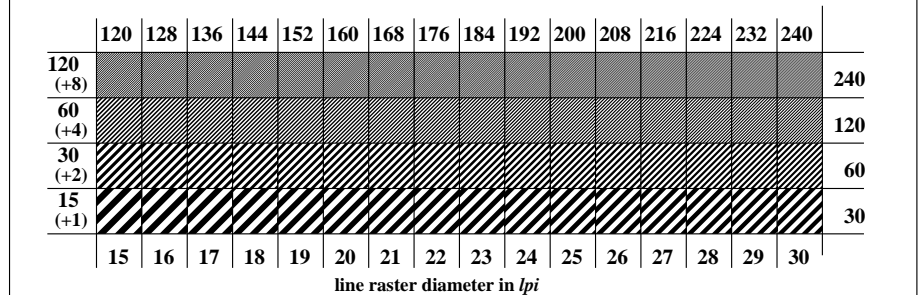
TUB registration: 20110801-OE54/OE54L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=thdata



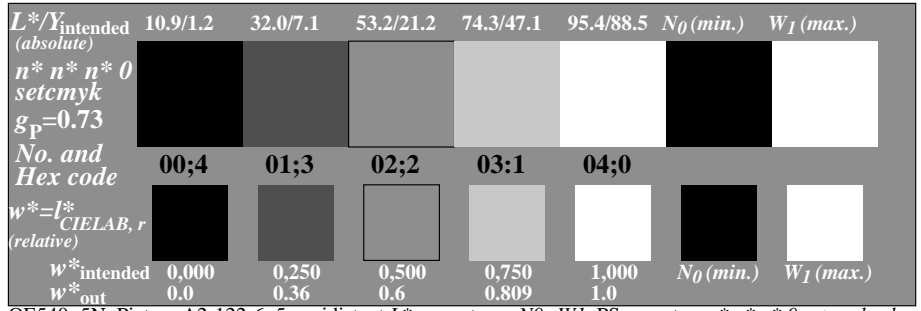
OE540-3N, Picture A1-122-6: Radial grating N-W, W-N, N-Z, W-Z; PS operator: $n^*n^*n^*0$ setcmykcolor



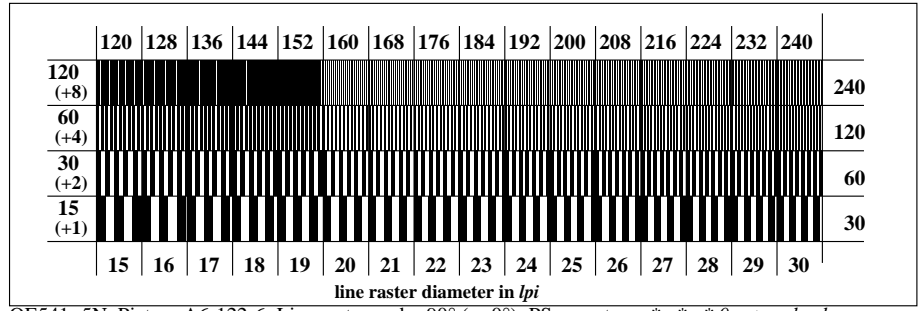
OE541-1N, Picture A4-122-6: Landolt-rings W-N; PS operator: $n^*n^*n^*0$ setcmykcolor



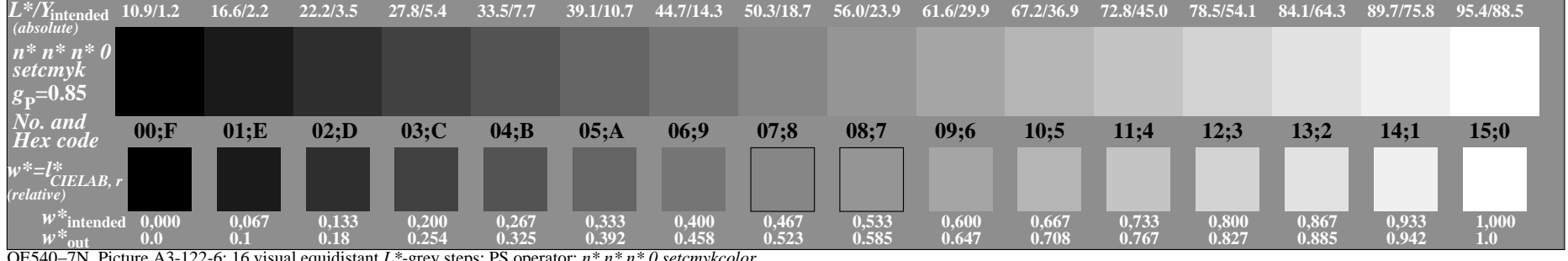
OE541-3N, Picture A5-122-6: Line raster under 45° (or 135°); PS operator: $n^*n^*n^*0$ setcmykcolor



OE540-5N, Picture A2-122-6: 5 equidistant L^* -grey steps+ N_0 + W_1 ; PS operator: $n^*n^*n^*0$ setcmykcolor



OE541-5N, Picture A6-122-6: Line raster under 90° (or 0°); PS operator: $n^*n^*n^*0$ setcmykcolor



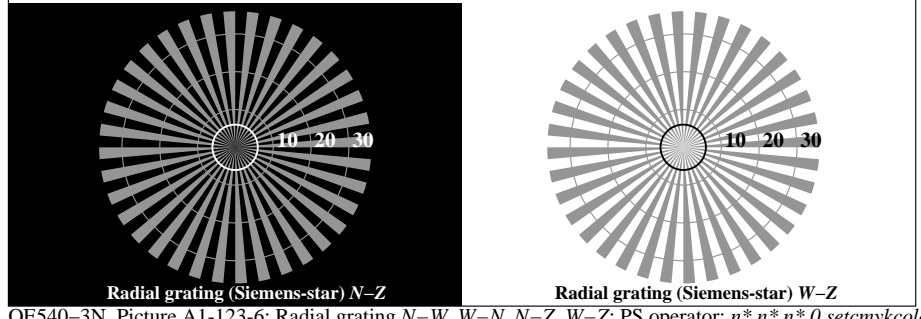
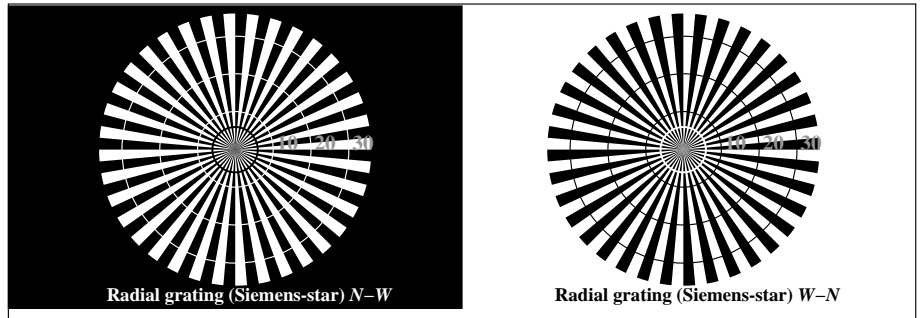
OE540-7N, Picture A3-122-6: 16 visual equidistant L^* -grey steps; PS operator: $n^*n^*n^*0$ setcmykcolor

OE54: similar ME16 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

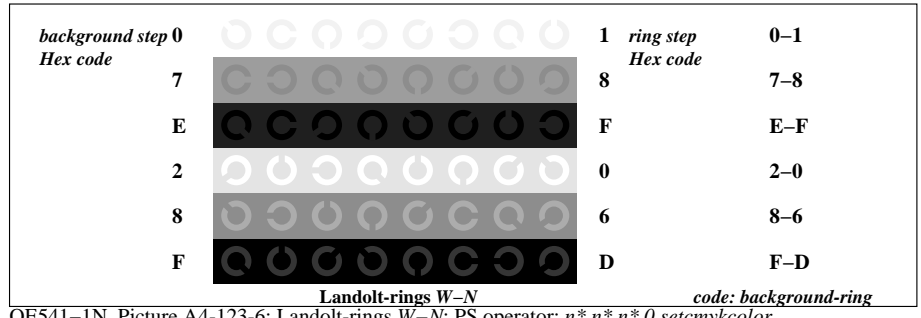
input: all (->rgb*) setrgbcolor
 output 132-6: $g_p=0.85$; $g_N=1.0$

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

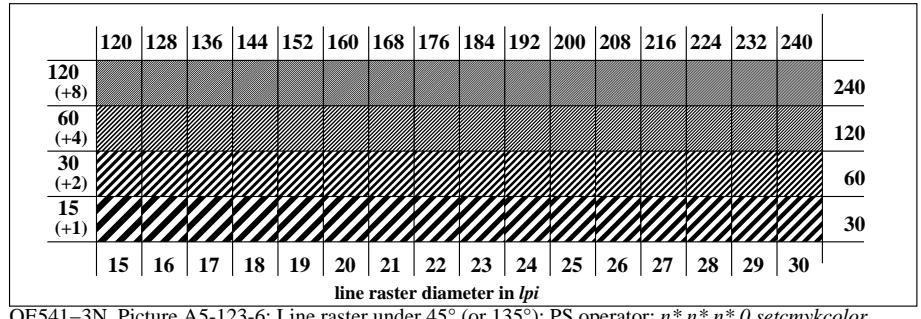
TUB registration: 20110801-OE54/OE54L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=thadata



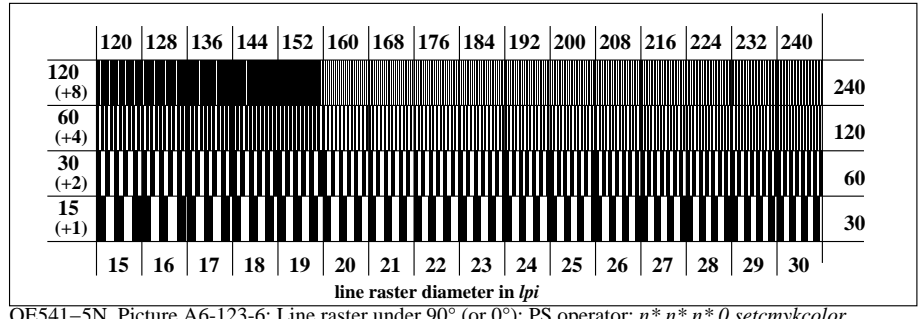
OE540-3N, Picture A1-123-6: Radial grating N-W, W-N, N-Z, W-Z; PS operator: $n^*n^*n^*0$ setcmykcolor



OE541-1N, Picture A4-123-6: Landolt-rings W-N; PS operator: $n^*n^*n^*0$ setcmykcolor



OE541-3N, Picture A5-123-6: Line raster under 45° (or 135°); PS operator: $n^*n^*n^*0$ setcmykcolor



OE541-5N, Picture A6-123-6: Line raster under 90° (or 0°); PS operator: $n^*n^*n^*0$ setcmykcolor

$L^*/Y_{intended}$ (absolute)	18.0/2.5	37.3/9.7	56.7/24.6	76.0/49.9	95.4/88.5	N_0 (min.)	W_1 (max.)
$n^*n^*n^*0$ setcmyk							
$g_p=0.64$							
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	0.406	0.637	0.829	1.0		

OE540-5N, Picture A2-123-6: 5 equidistant L^* -grey steps+ N_0 + W_1 ; PS operator: $n^*n^*n^*0$ setcmykcolor

$L^*/Y_{intended}$ (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
$n^*n^*n^*0$ setcmyk																
$g_p=0.77$																
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	0.123	0.209	0.287	0.359	0.426	0.491	0.554	0.614	0.673	0.73	0.786	0.841	0.895	0.947	1.0

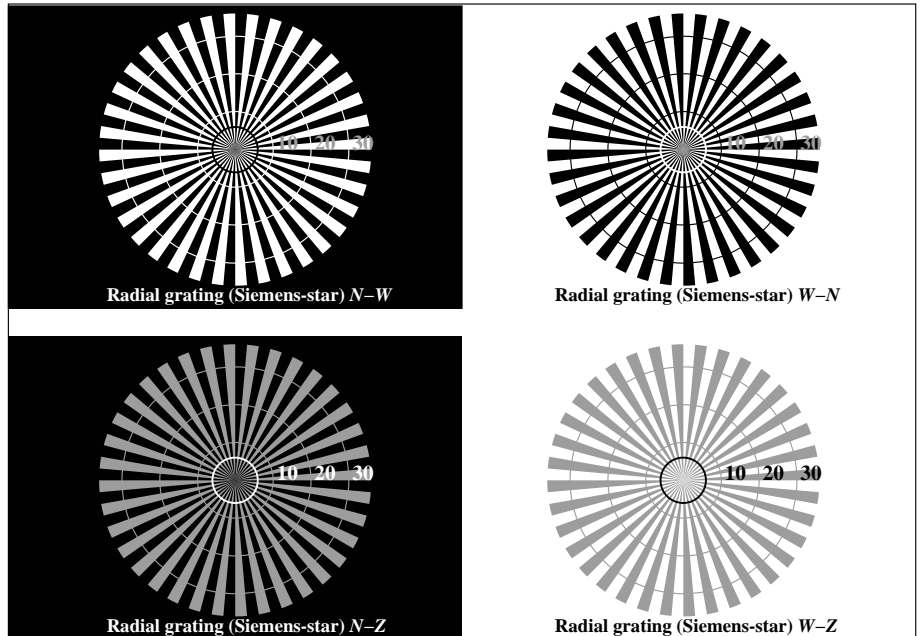
OE540-7N, Picture A3-123-6: 16 visual equidistant L^* -grey steps; PS operator: $n^*n^*n^*0$ setcmykcolor

OE54: similar ME16 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

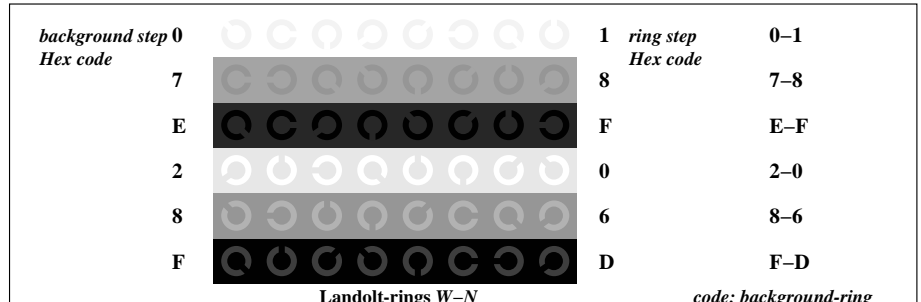
input: all (->rgb*) setrgbcolor
 output 133-6: $g_p=0.77$; $g_N=1.0$

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

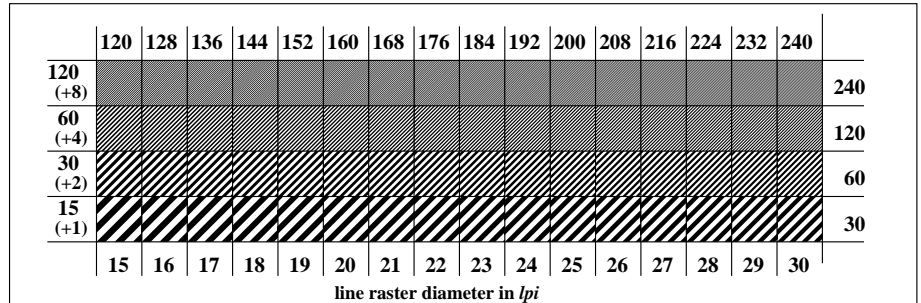
TUB registration: 20110801-OE54/OE54L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=thata



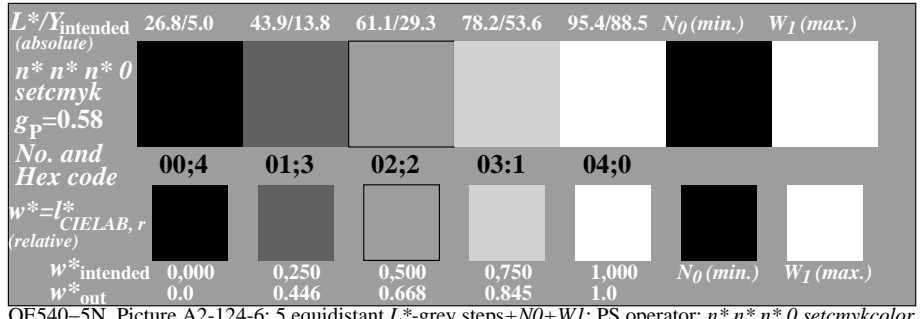
OE540-3N, Picture A1-124-6: Radial grating N-W, W-N, N-Z, W-Z; PS operator: $n^*n^*n^*0$ setcmykcolor



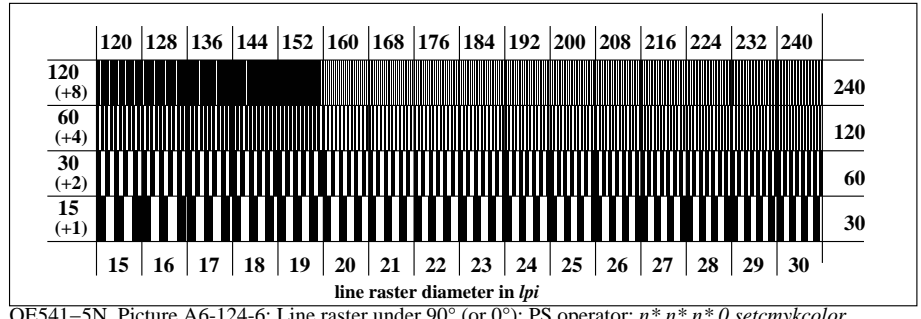
OE541-1N, Picture A4-124-6: Landolt-rings W-N; PS operator: $n^*n^*n^*0$ setcmykcolor



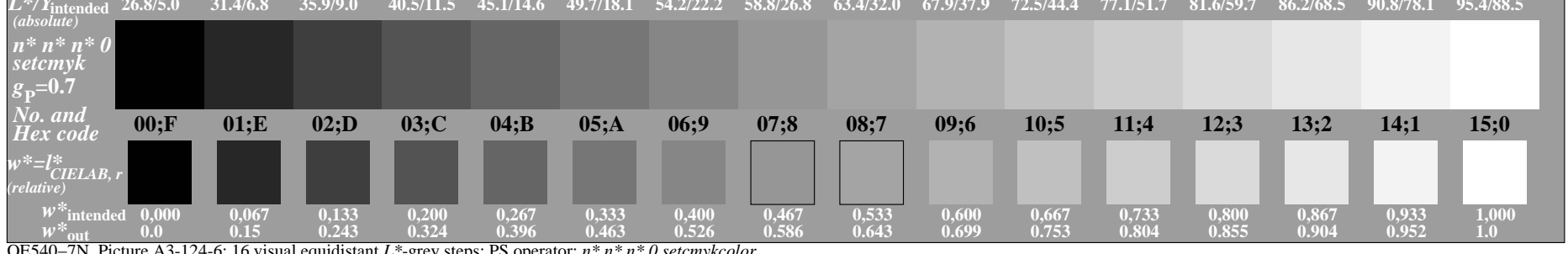
OE541-3N, Picture A5-124-6: Line raster under 45° (or 135°); PS operator: $n^*n^*n^*0$ setcmykcolor



OE540-5N, Picture A2-124-6: 5 equidistant L^* -grey steps+ N_0 + W_1 ; PS operator: $n^*n^*n^*0$ setcmykcolor



OE541-5N, Picture A6-124-6: Line raster under 90° (or 0°); PS operator: $n^*n^*n^*0$ setcmykcolor

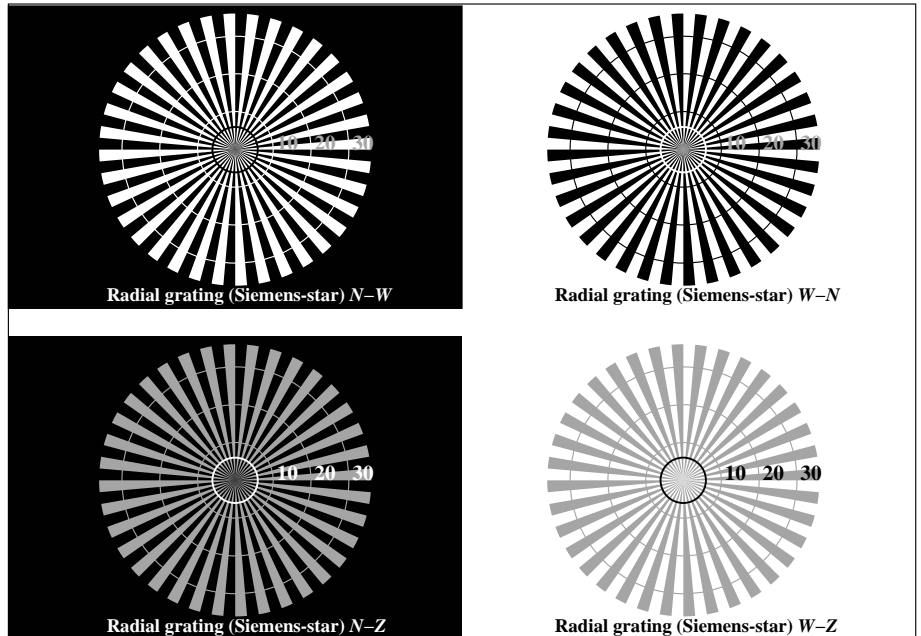


OE540-7N, Picture A3-124-6: 16 visual equidistant L^* -grey steps; PS operator: $n^*n^*n^*0$ setcmykcolor

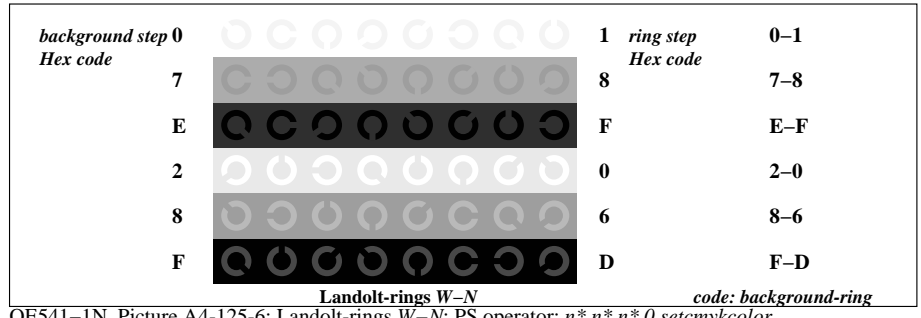
OE54: similar ME16 according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:5$; Y_N range 3,75 to <7,5
 input: all (->rgb*) setrgbcolor
 output 134-6: $g_p=0.7$; $g_N=1.0$

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

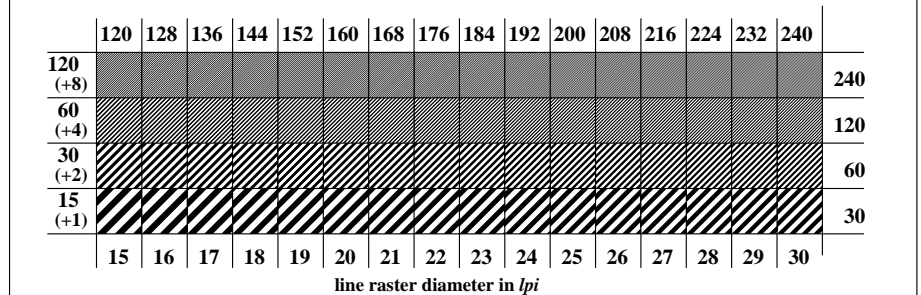
TUB registration: 20110801-OE54/OE54L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=thadata



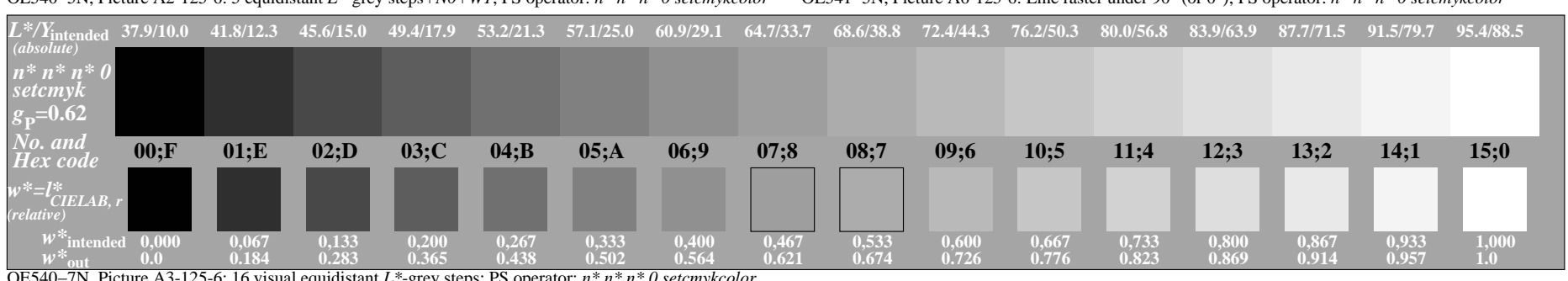
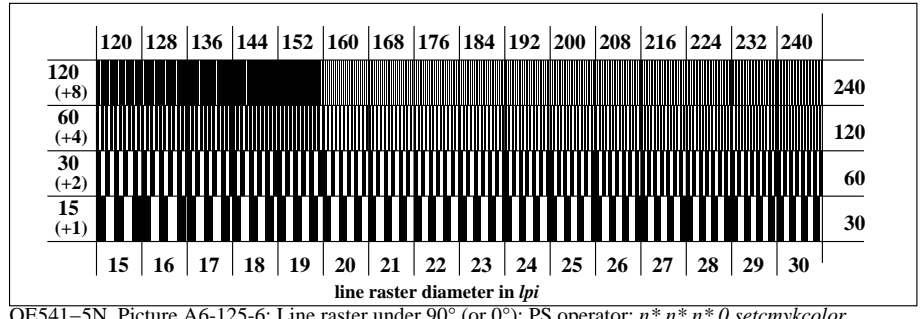
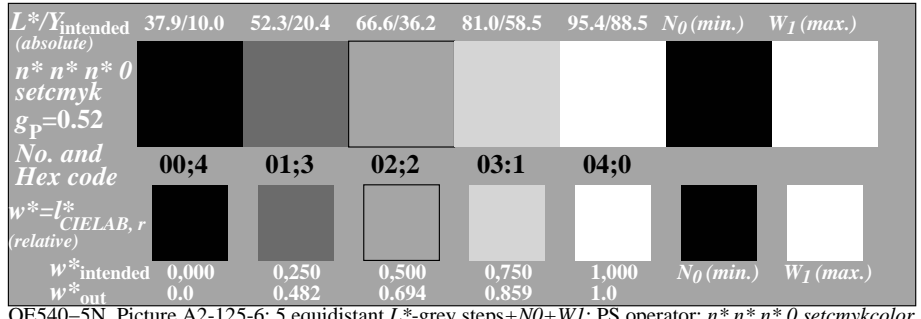
OE540-3N, Picture A1-125-6: Radial grating N-W, W-N, N-Z, W-Z; PS operator: $n^*n^*n^*0$ setcmykcolor



OE541-1N, Picture A4-125-6: Landolt-rings W-N; PS operator: $n^*n^*n^*0$ setcmykcolor

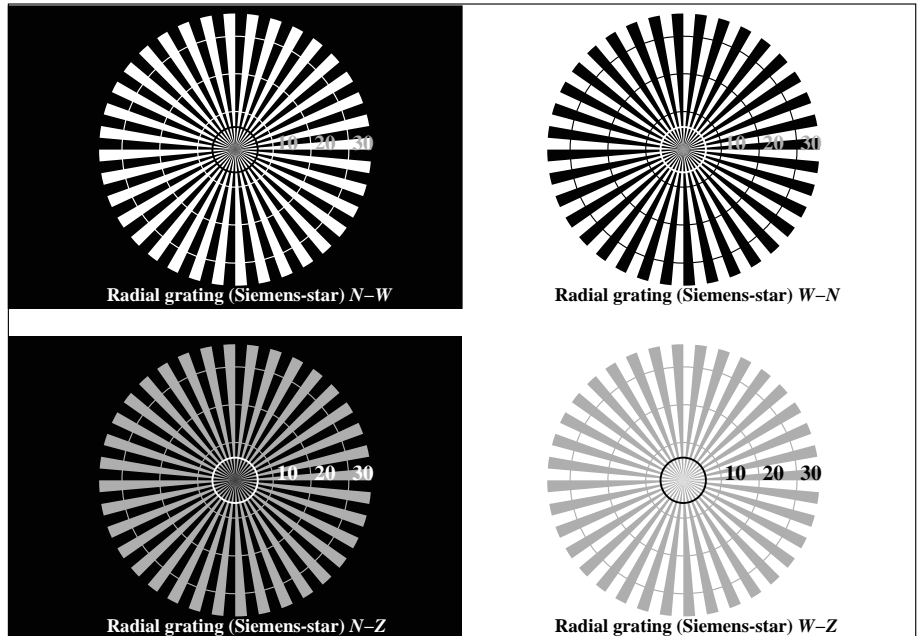


OE541-3N, Picture A5-125-6: Line raster under 45° (or 135°); PS operator: $n^*n^*n^*0$ setcmykcolor



OE54: similar ME16 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: all (->rgb*) setrgbcolor
 output 135-6: $g_p=0.62$; $g_N=1.0$

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, CIILAB



OE540-3N, Picture A1-126-6: Radial grating N-W, W-N, N-Z, W-Z; PS operator: $n^*n^*n^*0$ setcmykcolor

$L^*/Y_{intended}$ (absolute)	52.0/20.1	62.8/31.4	73.7/46.2	84.5/65.1	95.4/88.5	N_0 (min.)	W_1 (max.)
$n^*n^*n^*0$ setcmyk							
$g_p=0.48$							
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	0.513	0.716	0.87	1.0		

OE540-5N, Picture A2-126-6: 5 equidistant L^* -grey steps+ N_0 + W_1 ; PS operator: $n^*n^*n^*0$ setcmykcolor

$L^*/Y_{intended}$ (absolute)	52.0/20.1	54.9/22.8	57.8/25.7	60.6/28.9	63.5/32.2	66.4/35.9	69.3/39.8	72.2/44.0	75.1/48.5	78.0/53.3	80.9/58.3	83.8/63.7	86.7/69.4	89.6/75.4	92.5/81.8	95.4/88.5
$n^*n^*n^*0$ setcmyk																
$g_p=0.55$																
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	0.226	0.329	0.412	0.483	0.546	0.604	0.657	0.707	0.755	0.8	0.842	0.884	0.924	0.962	1.0

OE540-7N, Picture A3-126-6: 16 visual equidistant L^* -grey steps; PS operator: $n^*n^*n^*0$ setcmykcolor

OE54: similar ME16 according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:20$; Y_N range 15 to <30

background step 0 Hex code	1 ring step Hex code	0-1 Hex code
7	8	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

OE541-1N, Picture A4-126-6: Landolt-rings W-N; PS operator: $n^*n^*n^*0$ setcmykcolor

	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

OE541-3N, Picture A5-126-6: Line raster under 45° (or 135°); PS operator: $n^*n^*n^*0$ setcmykcolor

	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

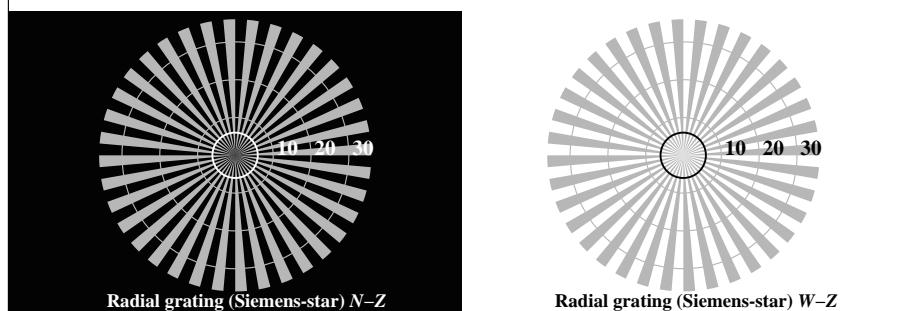
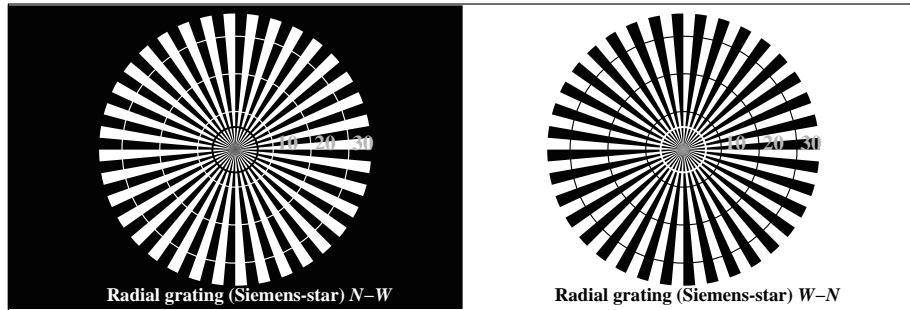
OE541-5N, Picture A6-126-6: Line raster under 90° (or 0°); PS operator: $n^*n^*n^*0$ setcmykcolor

input: all (->rgb*) setrgbcolor
 output 136-6: $g_p=0.55$; $g_N=1.0$

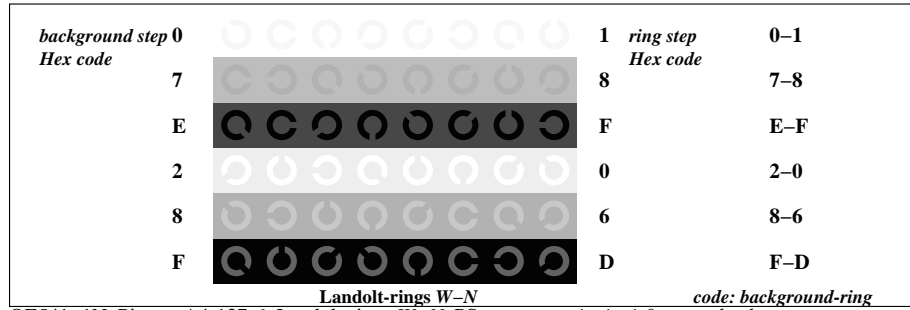
TUB registration: 20110801-OE54/OE54L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=thadata

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, CIILAB

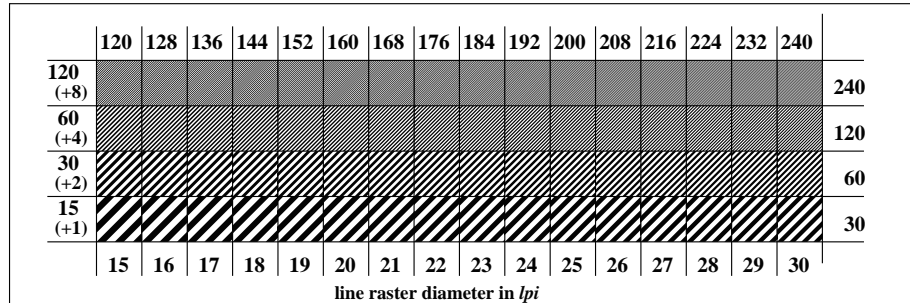
TUB registration: 20110801-OE54/OE54L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=thata



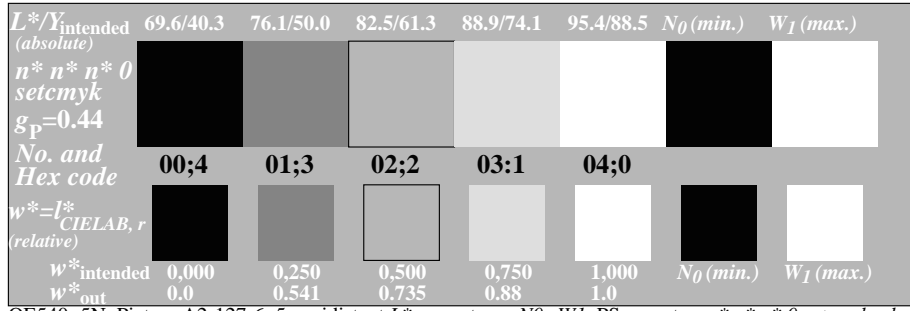
OE540-3N, Picture A1-127-6: Radial grating N-W, W-N, N-Z, W-Z; PS operator: $n^*n^*n^*0$ setcmykcolor



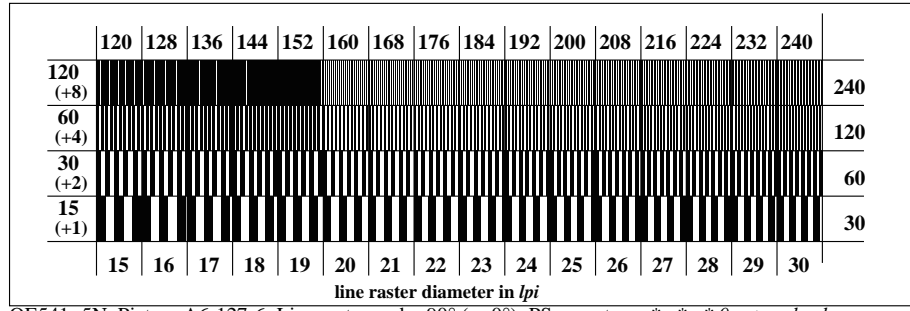
OE541-1N, Picture A4-127-6: Landolt-rings W-N; PS operator: $n^*n^*n^*0$ setcmykcolor



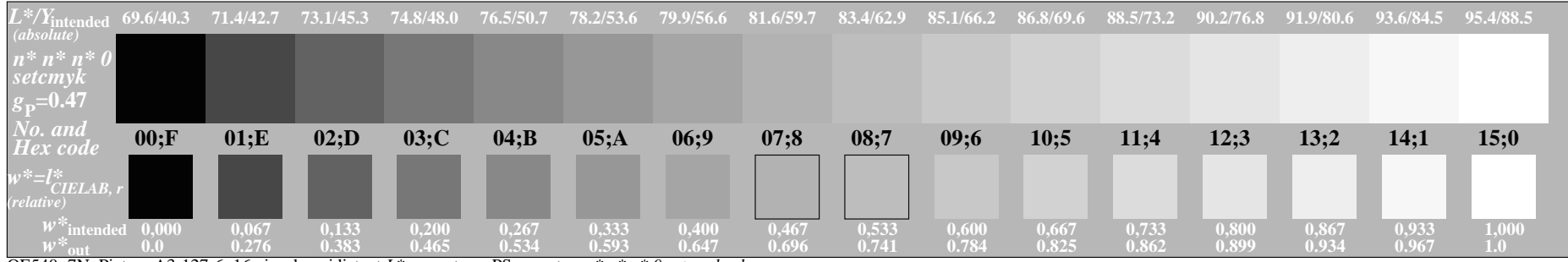
OE541-3N, Picture A5-127-6: Line raster under 45° (or 135°); PS operator: $n^*n^*n^*0$ setcmykcolor



OE540-5N, Picture A2-127-6: 5 equidistant L^* -grey steps+ N_0 + W_1 ; PS operator: $n^*n^*n^*0$ setcmykcolor



OE541-5N, Picture A6-127-6: Line raster under 90° (or 0°); PS operator: $n^*n^*n^*0$ setcmykcolor



OE540-7N, Picture A3-127-6: 16 visual equidistant L^* -grey steps; PS operator: $n^*n^*n^*0$ setcmykcolor

OE54: similar ME16 according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:40$; Y_N range 30 to <60

input: all (->rgb*_d) setrgbcOLOR
 output 137-6: $g_p=0.47$; $g_N=1.0$