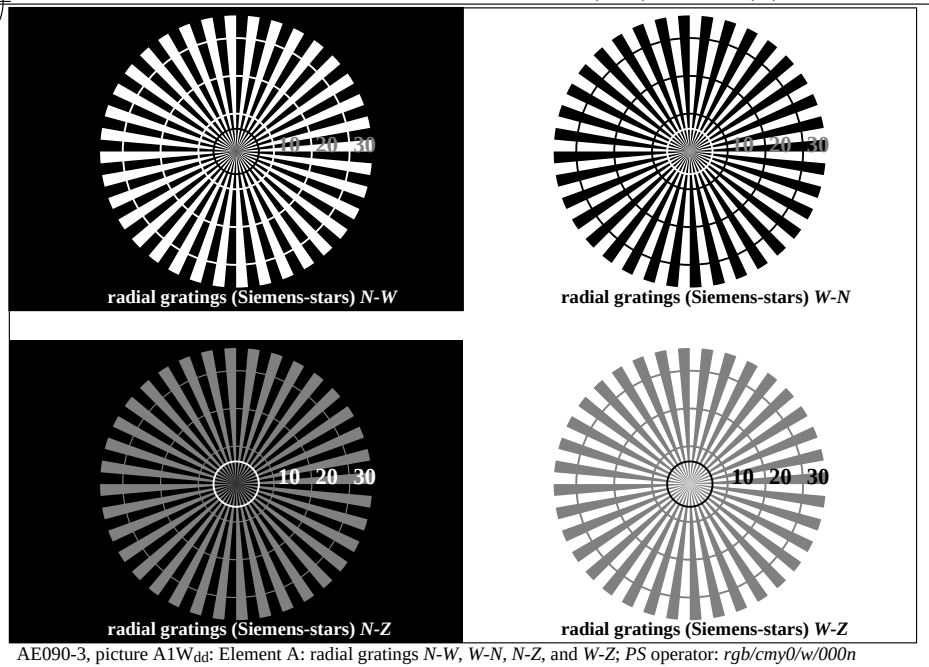
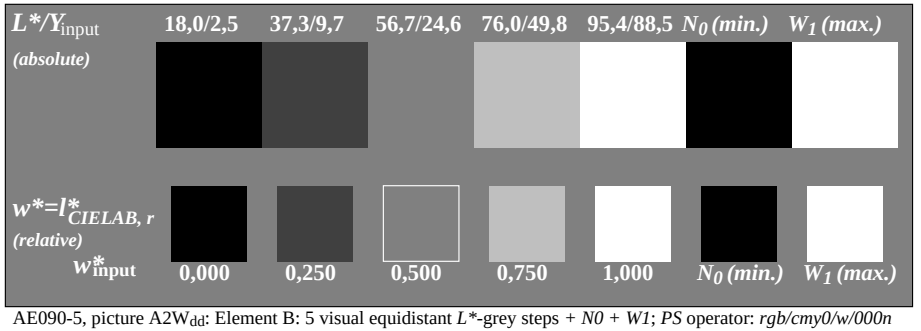
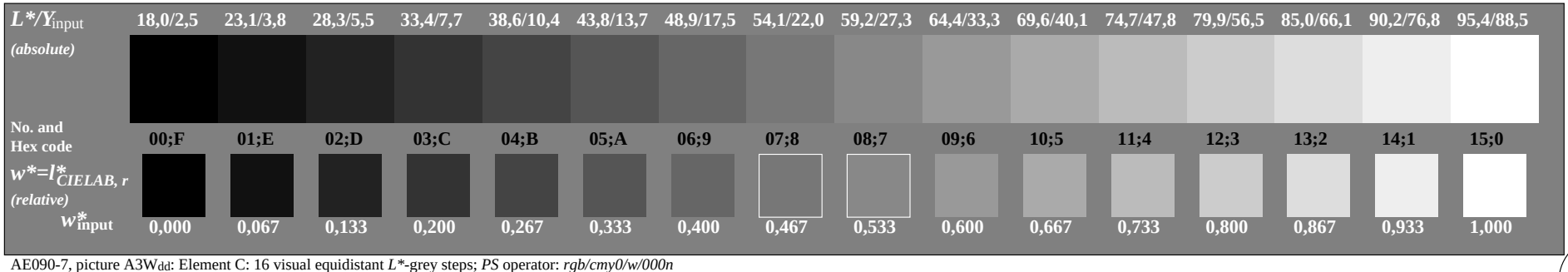


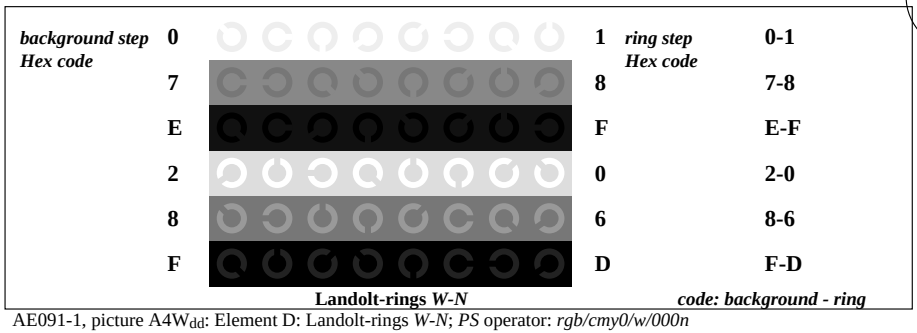
AE090-3, picture A1W$_{dd}$: Element A: radial gratings *N-W*, *W-N*, *N-Z*, and *W-Z*; *PS* operator: *rgb/cmy0/w/000n*



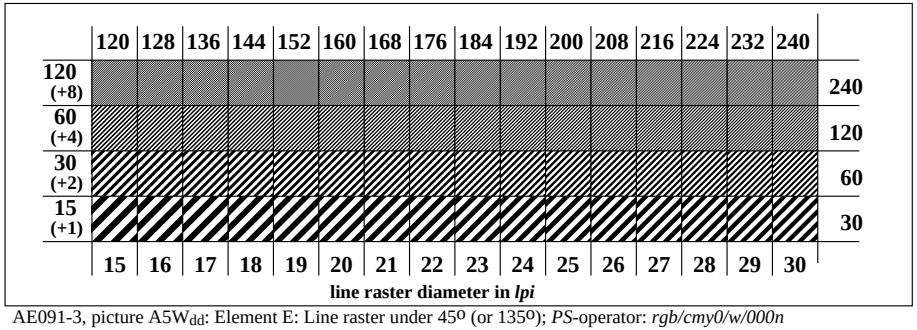
AE090-5, picture A2W$_{dd}$: Element B: 5 visual equidistant *L**-grey steps + *N0* + *W1*; *PS* operator: *rgb/cmy0/w/000n*



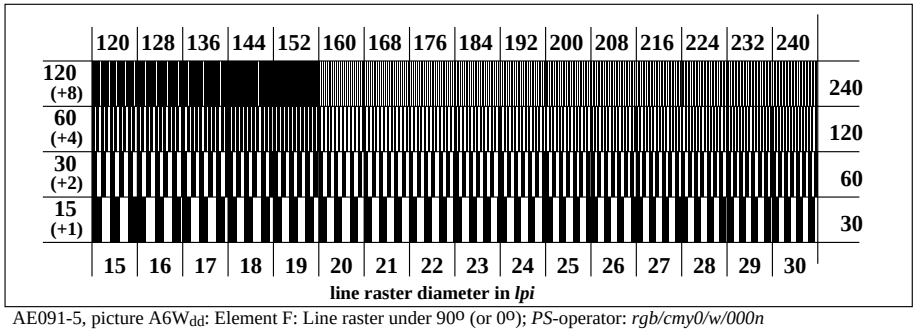
AE090-7, picture A3W$_{dd}$: Element C: 16 visual equidistant *L**-grey steps; *PS* operator: *rgb/cmy0/w/000n*



AE091-1, picture A4W$_{dd}$: Element D: Landolt-rings *W-N*; *PS* operator: *rgb/cmy0/w/000n*



AE091-3, picture A5W$_{dd}$: Element E: Line raster under 45º (or 135º); *PS*-operator: *rgb/cmy0/w/000n*



AE091-5, picture A6W$_{dd}$: Element F: Line raster under 90º (or 0º); *PS*-operator: *rgb/cmy0/w/000n*

Test of visual linearized output of pictures A1W$_{dd}$ to A3W$_{dd}$ please underline **Yes/No**
Output test with computer display ( ) or the external display ( ) please mark by (x)!

Test of the radial grating according to picture A1W$_{dd}$

N-W-radial grating:	Is the resolution diameter < 6 mm?	**Yes/No**
	Test with magnifying glass (e.g. 6x) resolution diameter	**..... mm**
W-N-radial grating:	Is the resolution diameter < 6 mm?	**Yes/No**
	Test with magnifying glass (e.g. 6x) resolution diameter	**..... mm**
N-Z-radial grating:	Is the resolution diameter < 6 mm?	**Yes/No**
	Test with magnifying glass (e.g. 6x) resolution diameter	**..... mm**
W-Z-radial grating:	Is the resolution diameter < 6 mm?	**Yes/No**
	Test with magnifying glass (e.g. 6x) resolution diameter	**..... mm**

Test of 5 visual equidistant *L-grey steps according to picture A2W$_{dd}$**
Are the 5 steps on the upper rows distinguishable? **Yes/No**
If No: How many steps can be distinguished?
of the given 5 steps: **..... Steps**

Test of 16 visual equidistant *L-grey steps according to picture A3W$_{dd}$**
Are the 16 steps on the upper rows distinguishable? **Yes/No**
If No: How many steps can be distinguished?
of the given 16 steps: **..... Steps**

part 1, AE090-3dd: 00301

Test of visual linearized output of pictures A4W$_{dd}$ to A6W$_{dd}$ please underline **Yes/No**
Output test with computer display ( ) or the external display ( ) please mark by (x)!

Test of Landolt rings *N-W* according to picture A4W$_{dd}$
Is the recognition frequency of the Landolt rings > 50% (5 of 8 at least)?

background - ring	
0 - 1	**Yes/No**
7 - 8	**Yes/No**
E - F	**Yes/No**
2 - 0	**Yes/No**
8 - 6	**Yes/No**
F - D	**Yes/No**

Test of the radial grating under 45^0 according to picture A5W$_{dd}$
Can equally spaced lines be seen?
Visual testing: for radial diameter from 15 to 60 lpi **Yes/No**
Test with magnifying glass (e.g. 6x) - from 15 to **..... lpi**

Test of the radial grating under 90^0 according to picture A6W$_{dd}$
Can equally spaced lines be seen?
Visual testing: for radial diameter from 15 to 60 lpi **Yes/No**
Test with magnifying glass (e.g. 6x) - from 15 to **..... lpi**

part 2, AE091-3dd: 00301

Documentation of file format, hardware and software for this test:

PDF file:
http://farbe.li.tu-berlin.de/AE09/AE09F0PX_CY8_1.PDF **underline: Yes/No**
PS file:
http://farbe.li.tu-berlin.de/AE09/AE09F0PX_CY8_1.PS **underline: Yes/No**

Used computer operating system:
either one of Windows/Mac/Unix/other and version:.....

This evaluation is for the output: underline: monitor/data projector/printer
Device model, driver and version:.....

output with PDF/PS-file: underline: PDF/PS file
For output with PDF file AE09F0PX_CY8_1.PDF
either PDF-file transfer "download, copy" to PDF device.....
or with computer system interpretation by "Display-PDF":.....
or with software. e. g. Adobe-Reader/-Acrobat and version:.....
or with software e. g. Ghostscript and version:.....
For output with PS file AE09F0PX_CY8_1.PS
either PS-file transfer "download, copy" to PS device.....
or with computer system interpretation by "Display-PS":.....
or with software e. g. Ghostscript and version:.....
or with software e. g. Mac-Yap and version:.....

Special remarks: e. g. output of Landscape (L)
.....
.....
.....

part 3, AE090-7dd: 00301

Documentation of assessor colour-vision properties for visual assessment
The assessor has **normal** colour vision according to one test: **underline: Yes/No**
either according to DIN 6160:1996 with Anomaloskop of *Nagel* **underline: Yes/unknown**
or with test charts using colour points according to *Ishihara* **underline: Yes/unknown**
or tested with, please specify: ..... **underline: Yes/unknown**

For visual evaluation of the display (Monitor, data projector) output
Office workplace illumination is daylight (clouded/north sky) **underline: Yes/No**
PDF file: http://farbe.li.tu-berlin.de/AE09/AE09F0PX_CY8_3.PDF **underline: Yes/No**
PS file: http://farbe.li.tu-berlin.de/AE09/AE09F0PX_CY8_3.PS **underline: Yes/No**
picture A7$_{dd}$ contrast range: (>F:0) (F:0) (E:0) (D:0) (C:0) (A:0) (9:0) (7:0) (5:0) (3:0) (<3:0)
compare standard print output according to ISO/IEC 15775 with range F:0 **underline: Yes/No**
Remark: In daylighted offices the contrast range is in many cases:
on display between: >F:0 and E:0 (monitor), D:0 and 3:0 (data projector)

Only for optional colorimetric specification with PDF/PS file output
PDF file: http://farbe.li.tu-berlin.de/AE09/AE09F0PX_CY8_3.PDF
picture A7$_{dd}$ **underline: Yes/No**
PS file: http://farbe.li.tu-berlin.de/AE09/AE09F0PX_CY8_3.PS
picture A7$_{dd}$ **or underline: Yes/No**
colour measurement and specification for:
CIE standard illuminant D65, 2 degree observer, CIE 45/0 geometry: **underline: Yes/No**
If No, please give other parameters: .....
Colorimetric specification for 17 step colours of http://farbe.li.tu-berlin.de/OE70/OE70L1NP.PDF
Exchange of CIELAB data in file http://farbe.li.tu-berlin.de/AE82/AE82L0NP.TXT and transfer
of the PS file AE82L0NP.PS (=.TXT) to the PDF-file AE82L0NP.PDF **underline: Yes/No**
If No, please describe other method: .....

part 4, AE091-7dd: 00301

i	*LAB*ref*			*l*out*	*LAB*out*			*LAB*out-ref*			*ΔE**
1	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,01
2	6,36	0,00	0,00	0,06	6,36	0,00	0,00	0,00	0,00	0,00	0,01
3	12,72	0,00	0,00	0,13	12,72	0,00	0,00	0,00	0,00	0,00	0,01
4	19,08	0,00	0,00	0,20	19,08	0,00	0,00	0,00	0,00	0,00	0,01
5	25,44	0,00	0,00	0,26	25,44	0,00	0,00	0,00	0,00	0,00	0,01
6	31,80	0,00	0,00	0,33	31,80	0,00	0,00	0,00	0,00	0,00	0,01
7	38,16	0,00	0,00	0,40	38,16	0,00	0,00	0,00	0,00	0,00	0,01
8	44,52	0,00	0,00	0,46	44,52	0,00	0,00	0,00	0,00	0,00	0,01
9	50,88	0,00	0,00	0,53	50,88	0,00	0,00	0,00	0,00	0,00	0,01
10	57,24	0,00	0,00	0,60	57,24	0,00	0,00	0,00	0,00	0,00	0,01
11	63,60	0,00	0,00	0,66	63,60	0,00	0,00	0,00	0,00	0,00	0,01
12	69,96	0,00	0,00	0,73	69,96	0,00	0,00	0,00	0,00	0,00	0,01
13	76,32	0,00	0,00	0,80	76,32	0,00	0,00	0,00	0,00	0,00	0,01
14	82,68	0,00	0,00	0,86	82,68	0,00	0,00	0,00	0,00	0,00	0,01
15	89,04	0,00	0,00	0,93	89,04	0,00	0,00	0,00	0,00	0,00	0,01
16	95,41	0,00	0,00	1,00	95,41	0,00	0,00	0,00	0,00	0,00	0,01
17	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,01
18	23,85	0,00	0,00	0,25	23,85	0,00	0,00	0,00	0,00	0,00	0,01
19	47,70	0,00	0,00	0,50	47,70	0,00	0,00	0,00	0,00	0,00	0,01
20	71,55	0,00	0,00	0,75	71,55	0,00	0,00	0,00	0,00	0,00	0,01
21	95,41	0,00	0,00	1,00	95,41	0,00	0,00	0,00	0,00	0,00	0,01

Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

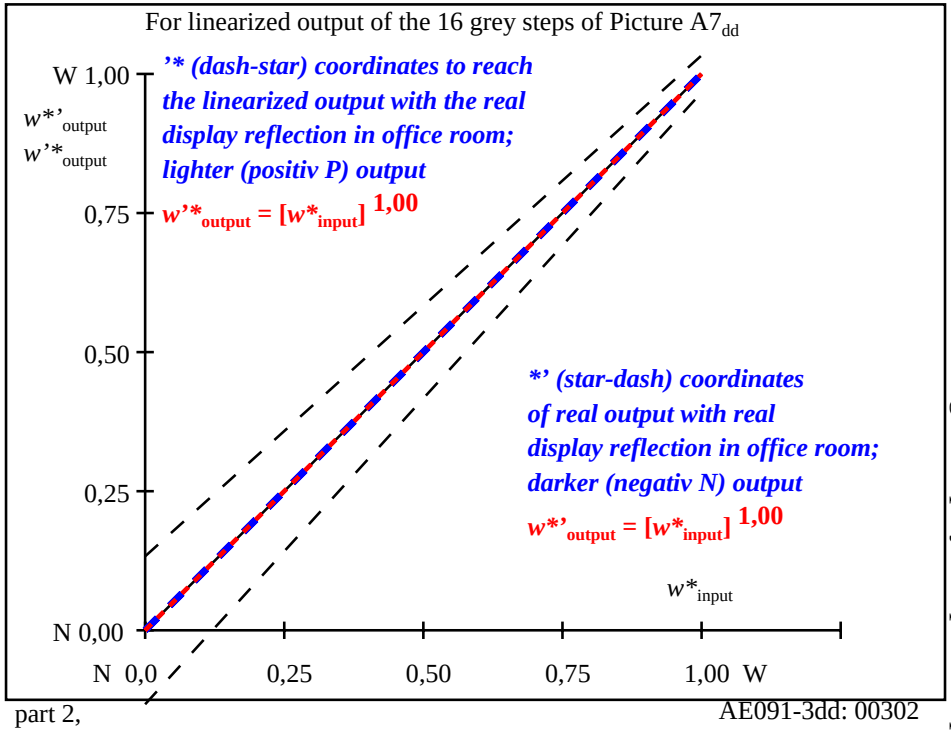
Mean lightness difference (16 steps)
ΔE^*_{CIELAB} = 0,0

Mean lightness difference (5 steps)
ΔL^*_{CIELAB} = 0,0

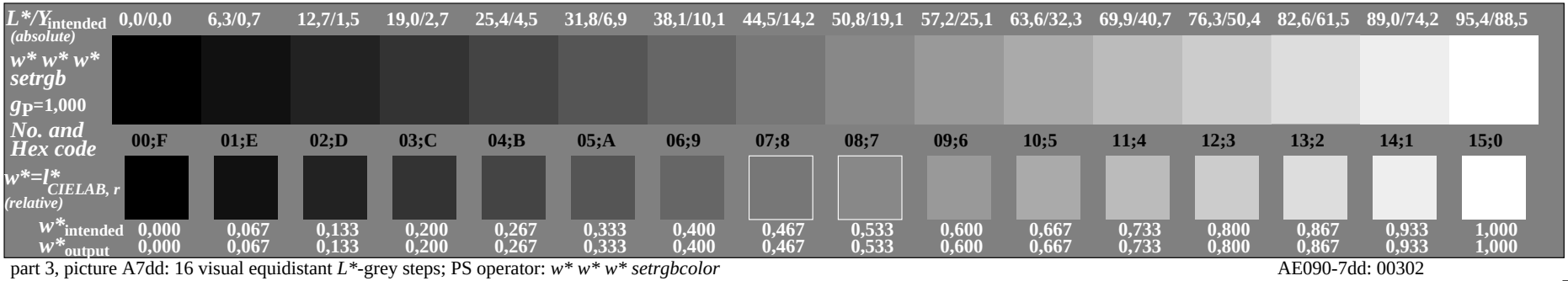
Mean colour reproduction index: $R^*_{ab,m}$ = 99,9

part 1, AE090-3dd: 00302

For linearized output of the 16 grey steps of Picture A7$_{dd}$



part 2, AE091-3dd: 00302



part 3, picture A7dd: 16 visual equidistant *L**-grey steps; PS operator: *w* w* w* setrgbcolor* AE090-7dd: 00302

In-out: Test chart AE09 according to ISO 9241-306
Viewing *Y* contrast Y_W:Y_N=88,9:0,31; Y_N-range 0,0 to <0,46

input: *rgb/cmy0/000n/w set...*
output: ->*rgb$_{dd}$ setrgbcolor*