

**Test of visual linearized output of pictures A1W<sub>dd</sub> to A3W<sub>dd</sub>** 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<sub>dd</sub>**

*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<sub>dd</sub>**  
 Are the 5 steps on the upper rows distinguishable? **Yes/No**  
 If No: How many steps can be distinguished? ..... Steps  
 of the given 5 steps:

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

part 1, AE090-3dd: 010161

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

**PDF file:** [http://farbe.li.tu-berlin.de/AE09/AE09F0PX\\_CYN6\\_1.PDF](http://farbe.li.tu-berlin.de/AE09/AE09F0PX_CYN6_1.PDF) **underline: Yes/No**

**PS file:** [http://farbe.li.tu-berlin.de/AE09/AE09F0PX\\_CYN6\\_1.PS](http://farbe.li.tu-berlin.de/AE09/AE09F0PX_CYN6_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\_CYN6\_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\_CYN6\_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: 010161

Form A: Test chart AE09 according to ISO 9241-306  
achromatic test chart N

**Test of visual linearized output of pictures A4W<sub>dd</sub> to A6W<sub>dd</sub>** 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<sub>dd</sub>**  
 Is the recognition frequency of the Landolt rings > 50% (5 of 8 at least)?

<b>background - ring</b>	
0 - 1	<b>Yes/No</b>
7 - 8	<b>Yes/No</b>
E - F	<b>Yes/No</b>
2 - 0	<b>Yes/No</b>
8 - 6	<b>Yes/No</b>
F - D	<b>Yes/No</b>

**Test of the radial grating under 45° according to picture A5W<sub>dd</sub>**  
 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° according to picture A6W<sub>dd</sub>**  
 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: 010161

**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\\_CYN6\\_3.PDF](http://farbe.li.tu-berlin.de/AE09/AE09F0PX_CYN6_3.PDF) **underline: Yes/No**

**PS file:** [http://farbe.li.tu-berlin.de/AE09/AE09F0PX\\_CYN6\\_3.PS](http://farbe.li.tu-berlin.de/AE09/AE09F0PX_CYN6_3.PS) **underline: Yes/No**

**picture A7<sub>dd</sub> 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\\_CYN6\\_3.PDF](http://farbe.li.tu-berlin.de/AE09/AE09F0PX_CYN6_3.PDF) **underline: Yes/No**

**PS file:** [http://farbe.li.tu-berlin.de/AE09/AE09F0PX\\_CYN6\\_3.PS](http://farbe.li.tu-berlin.de/AE09/AE09F0PX_CYN6_3.PS) **underline: Yes/No**  
 picture A7<sub>dd</sub> **underline: Yes/No**  
 picture A7<sub>dd</sub> **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: 010161

input: *rgb/cmy0/000n/w set...*  
output: *->rgb<sub>dd</sub> setrgbcolor*

see similar files: <http://farbe.li.tu-berlin.de/AE09/AE09.HTM>  
technical information: <http://farbe.li.tu-berlin.de/> or <http://farbe.li.tu-berlin.de/AE.HTM>

TUB Registration: 20190301-AE09/AE09L0FA.TXT /.PS  
application for measurement or viewing of display and print output  
TUB material: code=rhata4