

Test of visual linearized output of pictures D2W<sub>de</sub> to D3W<sub>de</sub> please underline Yes/No  
Output test with computer display ( ) or the external display ( ) please mark by (x)!

Test of the resolution of radial gratings W-R<sub>d</sub>, W-G<sub>d</sub>, W-B<sub>d</sub> according to picture D2W<sub>de</sub>  
Is the resolution diameter < 6 mm? Yes/No  
Test with magnifying glass (e.g. 6x) resolution diameter ..... mm

Test of the 14 CIE-test colours according to picture D3W<sub>de</sub>  
Are clear (immediately conspicuous) differences recognized between reproduction and test chart? Yes/No  
If Yes: How many colours have clear differences? of the given 14 steps: ..... Steps

Test of 16 visual equidistant L\*-grey steps according to picture D3W<sub>de</sub>  
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, AE160-3de: 11011

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

PDF file: http://farbe.li.tu-berlin.de/AE16/AE16F0PX\_CY7\_1.PDF underline: Yes/No  
PS file: http://farbe.li.tu-berlin.de/AE16/AE16F0PX\_CY7\_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 AE16F0PX\_CY7\_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 AE16F0PX\_CY7\_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, AE160-7de: 11011

Form A: Test chart AE16 according to test chart 4 of ISO/IEC 15775 input: rgb/cmy0/000n/w set...  
chromatic test chart RGB output: ->rgb<sub>de</sub> setrgbcolor

Test of 16 visually equally spaced steps of the colour rows W-R<sub>d</sub>, W-G<sub>d</sub>, W-B<sub>d</sub>, and W-N according to picture D4W<sub>de</sub>  
W-R<sub>d</sub> Are all the 16 steps distinguishable? Yes/No  
White - Red: If No: How many steps can be distinguished? of the given 16 steps: ..... Steps  
W-G<sub>d</sub> Are all the 16 steps distinguishable? Yes/No  
White - Green: If No: How many steps can be distinguished? of the given 16 steps: ..... Steps  
W-B<sub>d</sub> Are all the 16 steps distinguishable? Yes/No  
White - Blue: If No: How many steps can be distinguished? of the given 16 steps: ..... Steps  
W-N Are all the 16 steps distinguishable? Yes/No  
White - Black: If No: How many steps can be distinguished? of the given 16 steps: ..... Steps

Test of characters and Landolt-rings in four sizes according to picture D5W<sub>de</sub>  
Is the recognition > 50% for letters (17 of 32 at least)? , and for Landolt-rings (minimum 5 of 8)?  
Relative size Letters Rings N Rings R<sub>d</sub> Rings G<sub>d</sub> Rings B<sub>d</sub>  
10 Yes/No Yes/No Yes/No Yes/No Yes/No  
8 Yes/No Yes/No Yes/No Yes/No Yes/No  
6 Yes/No Yes/No Yes/No Yes/No Yes/No  
4 Yes/No Yes/No Yes/No Yes/No Yes/No

Test of the recognition frequency of the Landolt rings W-R<sub>d</sub>, W-G<sub>d</sub>, W-B<sub>d</sub>, and W-N according to picture D6W<sub>de</sub>, and D7W<sub>de</sub>  
Is the recognition frequency of the Landolt rings > 50% (5 of 8 at least)?  
Colour row W-R<sub>d</sub> background - ring Colour row W-G<sub>d</sub> background - ring Colour row W-B<sub>d</sub> background - ring Colour row W-N background - ring  
0 - 1 Yes/No 0 - 1 Yes/No 0 - 1 Yes/No 0 - 1 Yes/No  
7 - 8 Yes/No 7 - 8 Yes/No 7 - 8 Yes/No 7 - 8 Yes/No  
E - F Yes/No E - F Yes/No E - F Yes/No E - F Yes/No  
2 - 0 Yes/No 2 - 0 Yes/No 2 - 0 Yes/No 2 - 0 Yes/No  
8 - 6 Yes/No 8 - 6 Yes/No 8 - 6 Yes/No 8 - 6 Yes/No  
F - D Yes/No F - D Yes/No F - D Yes/No F - D Yes/No

part 2, AE161-3Nde: 11011

#### 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/AE16/AE16F0PX\_CY7\_3.PDF underline: Yes/No  
PS file: http://farbe.li.tu-berlin.de/AE16/AE16F0PX\_CY7\_3.PS underline: Yes/No  
picture A7<sub>de</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/AE16/AE16F0PX\_CY7\_3.PDF underline: Yes/No  
picture A7<sub>de</sub> underline: Yes/No  
PS file: http://farbe.li.tu-berlin.de/AE16/AE16F0PX\_CY7\_3.PS or underline: Yes/No  
picture A7<sub>de</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, AE161-7de: 11011