

Test of visual linearized output of pictures B2W<sub>dd</sub> to B3W<sub>dd</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-C<sub>d</sub>, W-M<sub>d</sub>, W-Y<sub>d</sub> according to picture B2W<sub>dd</sub>  
Is the resolution diameter < 6 mm? W-C<sub>d</sub> W-M<sub>d</sub> W-Y<sub>d</sub> W-N W-Z  
Test with magnifying glass (e.g. 6x) resolution diameter ..... mm ..... mm ..... mm ..... mm ..... mm

Test of the 14 CIE-test colours according to picture B3W<sub>dd</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 B3W<sub>dd</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, AE290-3dd: 01021

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

PDF file: http://farbe.li.tu-berlin.de/AE29/AE29F0PX\_CY6\_1.PDF underline: Yes/No  
PS file: http://farbe.li.tu-berlin.de/AE29/AE29F0PX\_CY6\_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 AE29F0PX\_CY6\_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 AE29F0PX\_CY6\_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, AE290-7dd: 01021

Form A: Test chart AE29 according to test chart 2 of ISO/IEC 15775 input: rgb/cmy0/000n/w set...  
chromatic test chart CMYK output: ->rgb<sub>dd</sub> setrgbcolor

Test of 16 visually equally spaced steps of the colour rows W-C<sub>d</sub>, W-M<sub>d</sub>, W-Y<sub>d</sub>, and W-N according to picture B4W<sub>dd</sub>  
W-C<sub>d</sub> Are all the 16 steps distinguishable? Yes/No  
White - Cyanblue: If No: How many steps can be distinguished? of the given 16 steps: ..... Steps  
W-M<sub>d</sub> Are all the 16 steps distinguishable? Yes/No  
White - Magentared: If No: How many steps can be distinguished? of the given 16 steps: ..... Steps  
W-Y<sub>d</sub> Are all the 16 steps distinguishable? Yes/No  
White - Yellow: 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 B5W<sub>dd</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 C <sub>d</sub> | Rings M <sub>d</sub> | Rings Y <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-C<sub>d</sub>, W-M<sub>d</sub>, W-Y<sub>d</sub>, and W-N according to picture B6W<sub>dd</sub>, and B7W<sub>dd</sub>  
Is the recognition frequency of the Landolt rings > 50% (5 of 8 at least)?

| Colour row W-C <sub>d</sub> background - ring | Colour row W-M <sub>d</sub> background - ring | Colour row W-Y <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, AE291-3Ndd: 01021

#### 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/AE29/AE29F0PX\_CY6\_3.PDF underline: Yes/No  
PS file: http://farbe.li.tu-berlin.de/AE29/AE29F0PX\_CY6\_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/AE29/AE29F0PX\_CY6\_3.PDF underline: Yes/No  
picture A7<sub>dd</sub> underline: Yes/No  
PS file: http://farbe.li.tu-berlin.de/AE29/AE29F0PX\_CY6\_3.PS or 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, AE291-7dd: 01021