

see similar files: <http://farbe.li.tu-berlin.de/AE29/AE29F0NX.PDF> /PS; 3D-linearization, page 11/24  
technical information: <http://farbe.li.tu-berlin.de/> or <http://farbe.li.tu-berlin.de/AE29/AE29F0NX.PDF> /PS in file (F)

<http://farbe.li.tu-berlin.de/AE29/AE29F0NX.PDF> /PS; 3D-linearization, page 11/24  
F: 3D-linearization AE29/AE29LF0NX.PDF /PS in file (F)

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? Yes/No  
Test with magnifying glass (e.g. 6x) resolution diameter ..... 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: 010241

Documentation of file format, hardware and software for this test:  
PDF file: [http://farbe.li.tu-berlin.de/AE29/AE29F0PX\\_CYN5\\_1.PDF](http://farbe.li.tu-berlin.de/AE29/AE29F0PX_CYN5_1.PDF) underline: Yes/No  
PS file: [http://farbe.li.tu-berlin.de/AE29/AE29F0PX\\_CYN5\\_1.PS](http://farbe.li.tu-berlin.de/AE29/AE29F0PX_CYN5_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\_CYN5\_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\_CYN5\_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: 010241

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: 010241

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\\_CYN5\\_3.PDF](http://farbe.li.tu-berlin.de/AE29/AE29F0PX_CYN5_3.PDF) underline: Yes/No  
PS file: [http://farbe.li.tu-berlin.de/AE29/AE29F0PX\\_CYN5\\_3.PS](http://farbe.li.tu-berlin.de/AE29/AE29F0PX_CYN5_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\\_CYN5\\_3.PDF](http://farbe.li.tu-berlin.de/AE29/AE29F0PX_CYN5_3.PDF) underline: Yes/No  
PS file: [http://farbe.li.tu-berlin.de/AE29/AE29F0PX\\_CYN5\\_3.PS](http://farbe.li.tu-berlin.de/AE29/AE29F0PX_CYN5_3.PS) or underline: Yes/No  
picture A7<sub>dd</sub>  
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: 010241

TUB Registration: 20190301-AE29/AE29L0FA.TXT /PS  
application for measurement or viewing of display and print output  
TUB material: code=th4ta