

**Test for the best visual linearized output of Picture A7-010-0** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the radial grating according to picture A1-010-0**  
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 A2-010-0**  
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 A3-010-0**  
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 OE510-3N-010-1

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

**PDF-File:** http://130.149.60.45/farbmetrik/OE51/OE51L2NP.PDF underline Yes/No  
**PS-File:** http://130.149.60.45/farbmetrik/OE51/OE51L2NA.PS or underline Yes/No

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

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

**Device output with PDF/PS-file:** underline PDF/PS-file

**For device output with PDF-file OE51L2NP.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 device output with PS-file OE51L2NA.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:Special remarks, e. g. output of Landscape (L)  
.....  
.....  
.....

Part 3 OE510-7N-010-1

OE51: Form A for test chart according to ISO 9241-306; DH  
Viewing Y contrast  $Y_W:Y_N=88,9:0,31$ ;  $Y_N$  range 0,0 to <0,46

**Test for the best visual linearized output of Picture A7-010-0** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the Landolt-rings N-W according to picture A4-010-0**  
N-W-radial grating:  
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° according to picture A5-010-0**  
Can equally spaced lines be seen?  
Visual testing: for radial diameter from 15 to 60 lpi Yes/No  
Test with a magnifying glass (e.g. 6x): - from 15 lpi: to ..... lpi

**Test of the radial grating under 90° according to picture A6-010-0**  
Can equally spaced lines be seen?  
Visual testing: for radial diameter from 15 to 60 lpi Yes/No  
Test with a magnifying glass (e.g. 6x): - from 15 lpi: to ..... lpi

Part 2 OE511-3N-010-1

**Documentation of assessor colour vision properties for visual assessment**  
The assessor has **normal** colour vision according to one test:  
either according to DIN 6160:1996 with Anomaloskop of Nagel underline Yes/No  
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://130.149.60.45/farbmetrik/OE51/OE51F1P2.PDF underline Yes/No  
**PS file:** http://130.149.60.45/farbmetrik/OE51/OE51F1P2.PS underline Yes/No  
**Picture A7-010-2: 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 range  
*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://130.149.60.45/farbmetrik/OE51/OE51F1P2.PDF underline Yes/No  
**PS-File:** http://130.149.60.45/farbmetrik/OE51/OE51F1P2.PS or underline Yes/No  
**picture A7-010-2** underline Yes/No  
**picture A7-010-2** 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 with PS file for colours in the columns A to T**  
Exchange of CIELAB data in file www.ps.bam.de/De17/10L/L17e00NP.PS and transfer  
of the PS-file L17e00NP.PS in PDF-file L17e00NP.PDF underline Yes/No  
If No, please describe other method: .....

Part 4

input:  $w (->rgb*_d)$  setgray  
output 010-1: no change

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See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>  
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1

TUB registration: 20110801-OE51/OE51L2NA.TXT /PS  
application for output of displays: monitor systems or data projector systems  
TUB material: code=rh4ta