

**Test for the best visual linearized output of Picture A7-130-0** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the radial grating according to picture A1-130-0**

**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 A2-130-0**

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: .... Steps

**Test of 16 visual equidistant L\*-grey steps according to picture A3-130-0**

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: .... Steps

Part 1 OE520-3N-130-1

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

**PDF-File:** http://130.149.60.45/farbmetrik/OE52/OE52L0NP.PDF Yes/No

**PS-File:** http://130.149.60.45/farbmetrik/OE52/OE52L0NA.PS or Yes/No

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

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

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

**For device output with PDF-file OE52L0NP.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 OE52L0NA.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 OE520-7N-130-1

**Test for the best visual linearized output of Picture A7-130-0** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the Landolt-rings N-W according to picture A4-130-0**

**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 A5-130-0**

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 A6-130-0**

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 OE521-3N-130-1

**Documentation of assessor colour vision properties for visual assessment**

The assessor has **normal** colour vision according to one test: Yes/No  
 either according to DIN 6160:1996 with Anomaloskop of Nagel Yes/unknown  
 or with test charts using colour points according to Ishihara Yes/unknown  
 or tested with, please specify: ..... Yes/unknown

**For visual evaluation of the display (monitor, data projector) output**

Office workplace illumination is daylight (clouded/north sky) Yes/No  
**PDF file:** http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PDF Yes/No  
**PS file:** http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PS Yes/No  
**Picture A7-130-2: 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 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/OE52/OE52F1P2.PDF Yes/No  
**picture A7-130-2**

**PS-File:** http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PS Yes/No  
**picture A7-130-2** or Yes/No

**colour measurement and specification for:**  
 CIE standard illuminant D65, 2 degree observer, CIE 45/0 geometry: 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 Yes/No  
 If No, please describe other method: .....

Part 4 OE521-7N-130-1

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, CIELAB

TUB registration: 20110801-OE52/OE52L0NA.TXT /.PS  
application for output of displays: monitor systems or data projector systems  
TUB material: code=thata

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, CIHLAB

**Test for the best visual linearized output of Picture A7-131-0** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the radial grating according to picture A1-131-0**  
*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 A2-131-0**  
 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: ..... Steps

**Test of 16 visual equidistant L\*-grey steps according to picture A3-131-0**  
 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: ..... Steps

Part 1 OE520-3N-138-1

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

**PDF-File:** <http://130.149.60.45/farbmetrik/OE52/OE52L0NP.PDF> underline Yes/No

**PS-File:** <http://130.149.60.45/farbmetrik/OE52/OE52L0NA.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 OE52L0NP.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 OE52L0NA.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 OE520-7N-131-1

**Test for the best visual linearized output of Picture A7-131-0** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the Landolt-rings N-W according to picture A4-131-0**  
*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 A5-131-0**  
 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 A6-131-0**  
 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 OE521-3N-131-1

**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://130.149.60.45/farbmetrik/OE52/OE52F1P2.PDF> underline Yes/No  
**PS file:** <http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PS> underline Yes/No  
**Picture A7-131-2: 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/OE52/OE52F1P2.PDF> underline Yes/No  
**picture A7-131-2**  
**PS-File:** <http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PS> or underline Yes/No  
**picture A7-131-2**

**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](http://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 OE521-7N-131-1

TUB registration: 20110801-OE52/OE52L0NA.TXT /.PS  
application for output of displays: monitor systems or data projector systems  
TUB material: code=thata

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, CIHLAB

TUB registration: 20110801-OE52/OE52L0NA.TXT /.PS  
application for output of displays: monitor systems or data projector systems  
TUB material: code=thata

**Test for the best visual linearized output of Picture A7-132-0** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the radial grating according to picture A1-132-0**

*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 A2-132-0**

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: ..... Steps

**Test of 16 visual equidistant L\*-grey steps according to picture A3-132-0**

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: ..... Steps

Part 1 OE520-3N-1316-1

**Test for the best visual linearized output of Picture A7-132-0** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the Landolt-rings N-W according to picture A4-132-0**

*N-W*-radial grating: Is the recognition frequency of the Landolt-rings > 50% (5 of 8 at least)?  
 background - ring Yes/No  
 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 A5-132-0**

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 A6-132-0**

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 OE521-3N-132-1

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

**PDF-File:** <http://130.149.60.45/farbmetrik/OE52/OE52L0NP.PDF> underline Yes/No

**PS-File:** <http://130.149.60.45/farbmetrik/OE52/OE52L0NA.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 OE52L0NP.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 OE52L0NA.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 OE520-7N-132-1

**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://130.149.60.45/farbmetrik/OE52/OE52F1P2.PDF> underline Yes/No  
**PS file:** <http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PS> underline Yes/No  
**Picture A7-132-2: 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/OE52/OE52F1P2.PDF> underline Yes/No  
**picture A7-132-2**

**PS-File:** <http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PS> or underline Yes/No  
**picture A7-132-2**

**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](http://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 OE521-7N-132-1

**Test for the best visual linearized output of Picture A7-133-0** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the radial grating according to picture A1-133-0**  
*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 A2-133-0**  
 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: .... Steps

**Test of 16 visual equidistant L\*-grey steps according to picture A3-133-0**  
 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: .... Steps

Part 1 OE520-3N-1324-1

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

**PDF-File:** http://130.149.60.45/farbmetrik/OE52/OE52L0NP.PDF Yes/No

**PS-File:** http://130.149.60.45/farbmetrik/OE52/OE52L0NA.PS or Yes/No

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

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

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

**For device output with PDF-file OE52L0NP.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 OE52L0NA.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 OE520-7N-133-1

**Test for the best visual linearized output of Picture A7-133-0** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the Landolt-rings N-W according to picture A4-133-0**  
*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 A5-133-0**  
 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 A6-133-0**  
 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 OE521-3N-133-1

**Documentation of assessor colour vision properties for visual assessment**  
 The assessor has normal colour vision according to one test: Yes/No  
 either according to DIN 6160:1996 with Anomaloskop of Nagel Yes/unknown  
 or with test charts using colour points according to Ishihara Yes/unknown  
 or tested with, please specify: ..... Yes/unknown

**For visual evaluation of the display (monitor, data projector) output**  
 Office workplace illumination is daylight (clouded/north sky) Yes/No  
**PDF file:** http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PDF Yes/No  
**PS file:** http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PS Yes/No  
**Picture A7-133-2: 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 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/OE52/OE52F1P2.PDF Yes/No  
**picture A7-133-2**  
**PS-File:** http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PS Yes/No  
**picture A7-133-2** or Yes/No

**colour measurement and specification for:**  
 CIE standard illuminant D65, 2 degree observer, CIE 45/0 geometry: 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 Yes/No  
 If No, please describe other method: .....

Part 4 OE521-7N-133-1

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, CIELAB

TUB registration: 20110801-OE52/OE52L0NA.TXT /.PS  
application for output of displays: monitor systems or data projector systems  
TUB material: code=thata

**Test for the best visual linearized output of Picture A7-134-0** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the radial grating according to picture A1-134-0**  
*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 A2-134-0**  
 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 A3-134-0**  
 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 OE520-3N-1332-1

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

**PDF-File:** http://130.149.60.45/farbmetrik/OE52/OE52L0NP.PDF Yes/No

**PS-File:** http://130.149.60.45/farbmetrik/OE52/OE52L0NA.PS or Yes/No

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

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

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

**For device output with PDF-file OE52L0NP.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 OE52L0NA.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 OE520-7N-134-1

**Test for the best visual linearized output of Picture A7-134-0** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the Landolt-rings N-W according to picture A4-134-0**  
*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 A5-134-0**  
 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 A6-134-0**  
 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 OE521-3N-134-1

**Documentation of assessor colour vision properties for visual assessment**  
 The assessor has **normal** colour vision according to one test: Yes/No  
 either according to DIN 6160:1996 with Anomaloskop of Nagel Yes/unknown  
 or with test charts using colour points according to Ishihara Yes/unknown  
 or tested with, please specify: ..... Yes/unknown

**For visual evaluation of the display (monitor, data projector) output**  
 Office workplace illumination is daylight (clouded/north sky) Yes/No  
**PDF file:** http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PDF Yes/No  
**PS file:** http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PS Yes/No  
**Picture A7-134-2: 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 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/OE52/OE52F1P2.PDF Yes/No  
**picture A7-134-2**  
**PS-File:** http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PS Yes/No  
**picture A7-134-2** or Yes/No

**colour measurement and specification for:**  
 CIE standard illuminant D65, 2 degree observer, CIE 45/0 geometry: 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 Yes/No  
 If No, please describe other method: .....

Part 4 OE521-7N-134-1

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, CIELAB

TUB registration: 20110801-OE52/OE52L0NA.TXT /.PS  
application for output of displays: monitor systems or data projector systems  
TUB material: code=thata

**Test for the best visual linearized output of Picture A7-135-0** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the radial grating according to picture A1-135-0**

*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 A2-135-0**

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: ..... Steps

**Test of 16 visual equidistant L\*-grey steps according to picture A3-135-0**

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: ..... Steps

Part 1 OE520-3N-1340-1

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

**PDF-File:** http://130.149.60.45/farbmetrik/OE52/OE52L0NP.PDF Yes/No

**PS-File:** http://130.149.60.45/farbmetrik/OE52/OE52L0NA.PS or Yes/No

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

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

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

**For device output with PDF-file OE52L0NP.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 OE52L0NA.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 OE520-7N-135-1

**Test for the best visual linearized output of Picture A7-135-0** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the Landolt-rings N-W according to picture A4-135-0**

*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 A5-135-0**

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 A6-135-0**

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 OE521-3N-135-1

**Documentation of assessor colour vision properties for visual assessment**

The assessor has **normal** colour vision according to one test: Yes/No  
 either according to DIN 6160:1996 with Anomaloskop of Nagel Yes/unknown  
 or with test charts using colour points according to Ishihara Yes/unknown  
 or tested with, please specify: ..... Yes/unknown

**For visual evaluation of the display (monitor, data projector) output**

Office workplace illumination is daylight (clouded/north sky) Yes/No  
**PDF file:** http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PDF Yes/No  
**PS file:** http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PS Yes/No  
**Picture A7-135-2: 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 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/OE52/OE52F1P2.PDF Yes/No  
**picture A7-135-2**

**PS-File:** http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PS Yes/No  
**picture A7-135-2** or Yes/No

**colour measurement and specification for:**  
 CIE standard illuminant D65, 2 degree observer, CIE 45/0 geometry: 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 Yes/No  
 If No, please describe other method: .....

Part 4 OE521-7N-135-1

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, CIELAB

TUB registration: 20110801-OE52/OE52L0NA.TXT /.PS  
application for output of displays: monitor systems or data projector systems  
TUB material: code=thata

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, CIHLAB

**Test for the best visual linearized output of Picture A7-136-0** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the radial grating according to picture A1-136-0**

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 A2-136-0**

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: ..... Steps

**Test of 16 visual equidistant L\*-grey steps according to picture A3-136-0**

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: ..... Steps

Part 1 OE520-3N-1348-1

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

**PDF-File:** <http://130.149.60.45/farbmetrik/OE52/OE52L0NP.PDF> underline Yes/No

**PS-File:** <http://130.149.60.45/farbmetrik/OE52/OE52L0NA.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 OE52L0NP.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 OE52L0NA.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 OE520-7N-136-1

**Test for the best visual linearized output of Picture A7-136-0** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the Landolt-rings N-W according to picture A4-136-0**

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 A5-136-0**

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 A6-136-0**

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 OE521-3N-136-1

**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://130.149.60.45/farbmetrik/OE52/OE52F1P2.PDF> underline Yes/No  
**PS file:** <http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PS> underline Yes/No  
**Picture A7-136-2: 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/OE52/OE52F1P2.PDF> underline Yes/No  
**picture A7-136-2**

**PS-File:** <http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PS> or underline Yes/No  
**picture A7-136-2**

**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](http://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 OE521-7N-136-1

TUB registration: 20110801-OE52/OE52L0NA.TXT /.PS  
application for output of displays: monitor systems or data projector systems  
TUB material: code=thata

**Test for the best visual linearized output of Picture A7-137-0** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the radial grating according to picture A1-137-0**

**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 A2-137-0**

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: ..... Steps

**Test of 16 visual equidistant L\*-grey steps according to picture A3-137-0**

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: ..... Steps

Part 1 OE520-3N-1356-1

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

**PDF-File:** http://130.149.60.45/farbmetrik/OE52/OE52L0NP.PDF underline Yes/No

**PS-File:** http://130.149.60.45/farbmetrik/OE52/OE52L0NA.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 OE52L0NP.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 OE52L0NA.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 OE520-7N-137-1

**Test for the best visual linearized output of Picture A7-137-0** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the Landolt-rings N-W according to picture A4-137-0**

**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 A5-137-0**

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 A6-137-0**

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 OE521-3N-137-1

**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://130.149.60.45/farbmetrik/OE52/OE52F1P2.PDF underline Yes/No  
**PS file:** http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PS underline Yes/No  
**Picture A7-137-2: 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/OE52/OE52F1P2.PDF underline Yes/No  
**picture A7-137-2**

**PS-File:** http://130.149.60.45/farbmetrik/OE52/OE52F1P2.PS or underline Yes/No  
**picture A7-137-2**

**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 OE521-7N-137-1

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, CIELAB

TUB registration: 20110801-OE52/OE52L0NA.TXT /.PS  
application for output of displays: monitor systems or data projector systems  
TUB material: code=thata