

Test for the best visual linearized output of Picture A7-030-0 Yes/No
Output test with the computer display () or the external display ()

Test of the radial grating according to picture A1-030-0
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 A2-030-0
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 A3-030-0
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 OE530-3N-030-1

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

PDF-File: http://130.149.60.45/farbmetrik/OE53/OE53L2NP.PDF underline Yes/No

PS-File: http://130.149.60.45/farbmetrik/OE53/OE53L2NA.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 OE53L2NP.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 OE53L2NA.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)
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Part 3 OE530-7N-030-1

OE53: 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

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Test of the Landolt-rings N-W according to picture A4-030-0
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 A5-030-0
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 A6-030-0
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 OE531-3N-030-1

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/OE53/OE53F1P2.PDF underline Yes/No
PS file: http://130.149.60.45/farbmetrik/OE53/OE53F1P2.PS underline Yes/No
Picture A7-030-2: 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/OE53/OE53F1P2.PDF picture A7-030-2 underline Yes/No
PS-File: http://130.149.60.45/farbmetrik/OE53/OE53F1P2.PS picture A7-030-2 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: $rgb (->rgb^*_d)$ setrgbcolor
output 030-1: 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-OE53/OE53L2NA.TXT /PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta