

Test for the visual linearized output of Pictures B1W-030-0 to B7W-030-0

Output test with the computer display () or the external display () please mark by (x)!

Test of the (flower) image according to picture B1W-030-0

Are clear (immediately conspicuous) differences recognized between reproduction and test chart? **Yes/No**
Subjective remarks about the colour reproduction of the (flower) image, the CIE-test colours and the 16 grey steps within the image, for example "less contrast":
.....
.....
.....

Test of the resolution of radial gratings $W-C_d$, $W-M_d$, $W-Y_d$ according to picture B2W-030-0

	$W-C_d$	$W-M_d$	$W-Y_d$	$W-N$	$W-Z$
Is the resolution diameter < 6 mm?	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Test with magnifying glass (6x), Resolution diameter:	 mm	 mm	 mm	 mm	 mm

Test of the 14 CIE-test colours according to picture B3W-030-0

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-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

OE670-3N-030-1

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

PDF-File: http://130.149.60.45/farbmetrik/OE67/OE67L2NP.PDF **underline Yes/No**

PS-File: http://130.149.60.45/farbmetrik/OE67/OE67L2NA.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 OE67L2NP.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 OE67L2NA.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

OE670-7N-030-1

OE67: Form A for test chart 2 according to ISO 15775; DH
Image, radial gratings, 16 step colour scales, Landolt-rings

Test of 16 visually equally spaced steps of the colour rows $W-C_d$, $W-M_d$, $W-Y_d$ and $W-N$ according to picture B4W-030-0

	$W-C_d$	$W-M_d$	$W-Y_d$	$W-N$
$W-C_d$ White - Cyanblue:	Are all the 16 steps distinguishable? Yes/No If No: How many steps can be distinguished? of the given 16 steps:			
$W-M_d$ White - Magentared:	Are all the 16 steps distinguishable? Yes/No If No: How many steps can be distinguished? of the given 16 steps:			
$W-Y_d$ White - Yellow:	Are all the 16 steps distinguishable? Yes/No If No: How many steps can be distinguished? of the given 16 steps:			
$W-N$ White - Black:	Are all the 16 steps distinguishable? Yes/No If No: How many steps can be distinguished? of the given 16 steps:			

Test of characters and Landolt-rings in four sizes according to picture B5W-030-0

Is the recognition frequency > 50% for letters (17 from 32 at least) and for Landolt-rings (minimum 5 of 8)?

Relative size	Letters	Ring N	Ring C_d	Ring M_d	Ring Y_d
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 recognition frequency of Landolt-rings $W-C_d$, $W-M_d$, $W-Y_d$ and $W-N$ according to pictures B6W-030-0, and B7W-030-0

Is the recognition frequency of the Landolt-rings > 50% (min. 5 of 8 at least)?

Colour row $W-C_d$ background - ring	Colour row $W-M_d$ background - ring	Colour row $W-Y_d$ 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 1

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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
or with test charts using colour points according to Ishihara
or tested with, please specify:

underline Yes/No
underline Yes/unknown
underline Yes/unknown
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/OE67/OE67F1P2.PDF **underline Yes/No**

PS file: http://130.149.60.45/farbmetrik/OE67/OE67F1P2.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/OE67/OE67F1P2.PDF

picture A7-030-2 **underline Yes/No**

PS-File: http://130.149.60.45/farbmetrik/OE67/OE67F1P2.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

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input: rgb ($\rightarrow rgb^*_d$) $setrgbcolor$
output 030-1: no change