Test of 16 visually equally spaced steps of the colour rows *W−R*$_d$, *W−G*$_d$, *W−B*$_d$, and *W−N* according to picture D4W-100-0

W−R$_d$ White − Orangered:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... Steps
W−G$_d$ White − Leafgreen:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... Steps
W−B$_d$ White − Violetblue:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... 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	..... Steps

Test of characters and Landolt-rings in four sizes according to picture D5W-100-0

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

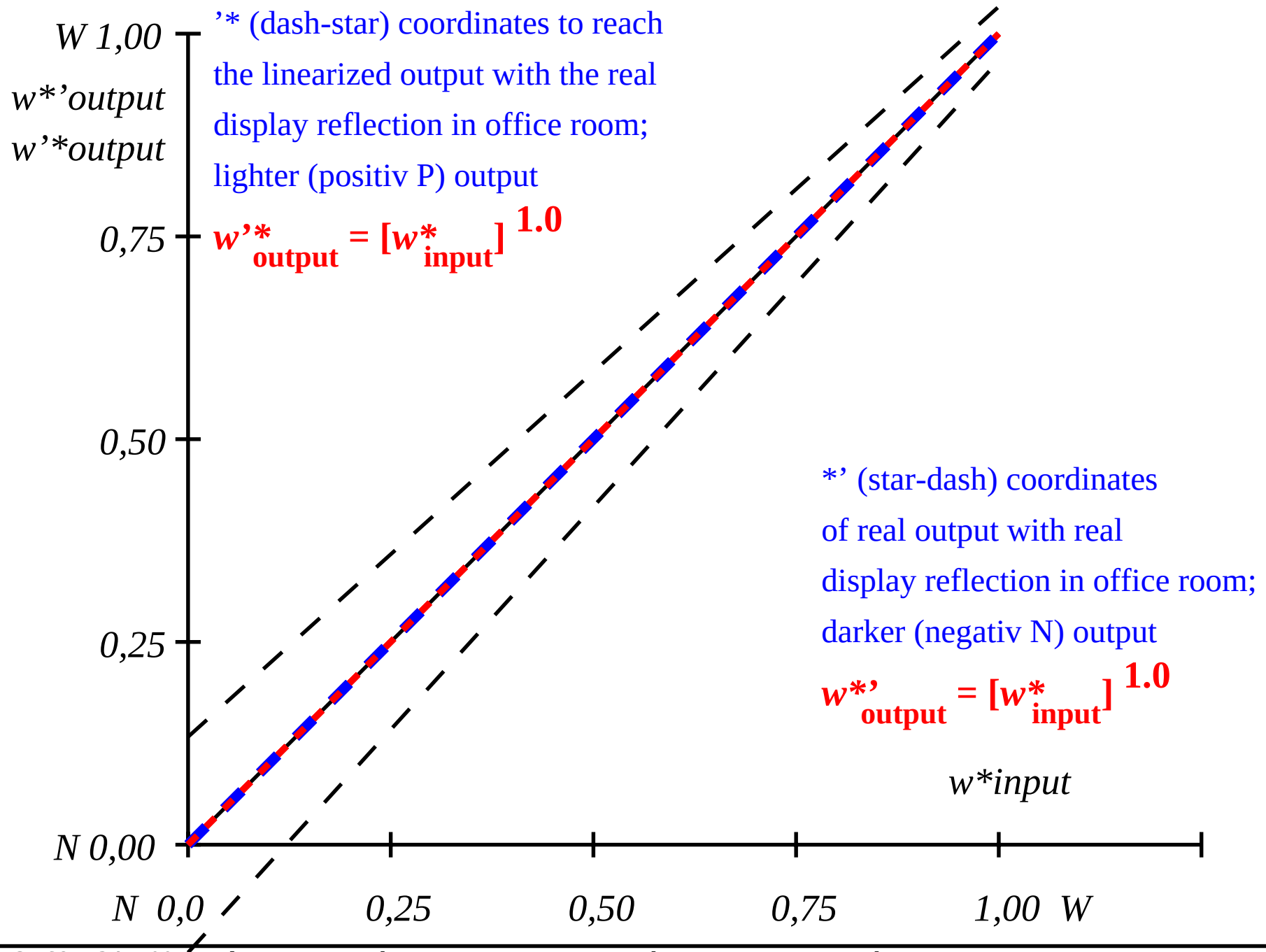
Relative size	Letters	Ring ***N***	Ring ***R***$_d$	Ring ***G***$_d$	Ring ***B***$_d$
10	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
8	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
6	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
4	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No

Test of recognition frequency of Landolt-rings *W−R*$_d$, *W−G*$_d$, *W−B*$_d$, and *W−N* according to pictures D6W-100-0**, and D7W**-100-0

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

Colour row ***W−R***$_d$ background − ring		Colour row ***W−G***$_d$ background − ring		Colour row ***W−B***$_d$ 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

For linearized output of the 16 grey steps of Picture A7-100-2



OE681−3A-100-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

Test of 16 visually equally spaced steps of the colour rows *W−R*$_d$, *W−G*$_d$, *W−B*$_d$, and *W−N* according to picture D4W-101-0

W−R$_d$ White − Orangered:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... Steps
W−G$_d$ White − Leafgreen:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... Steps
W−B$_d$ White − Violetblue:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... 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	..... Steps

Test of characters and Landolt-rings in four sizes according to picture D5W-101-0

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

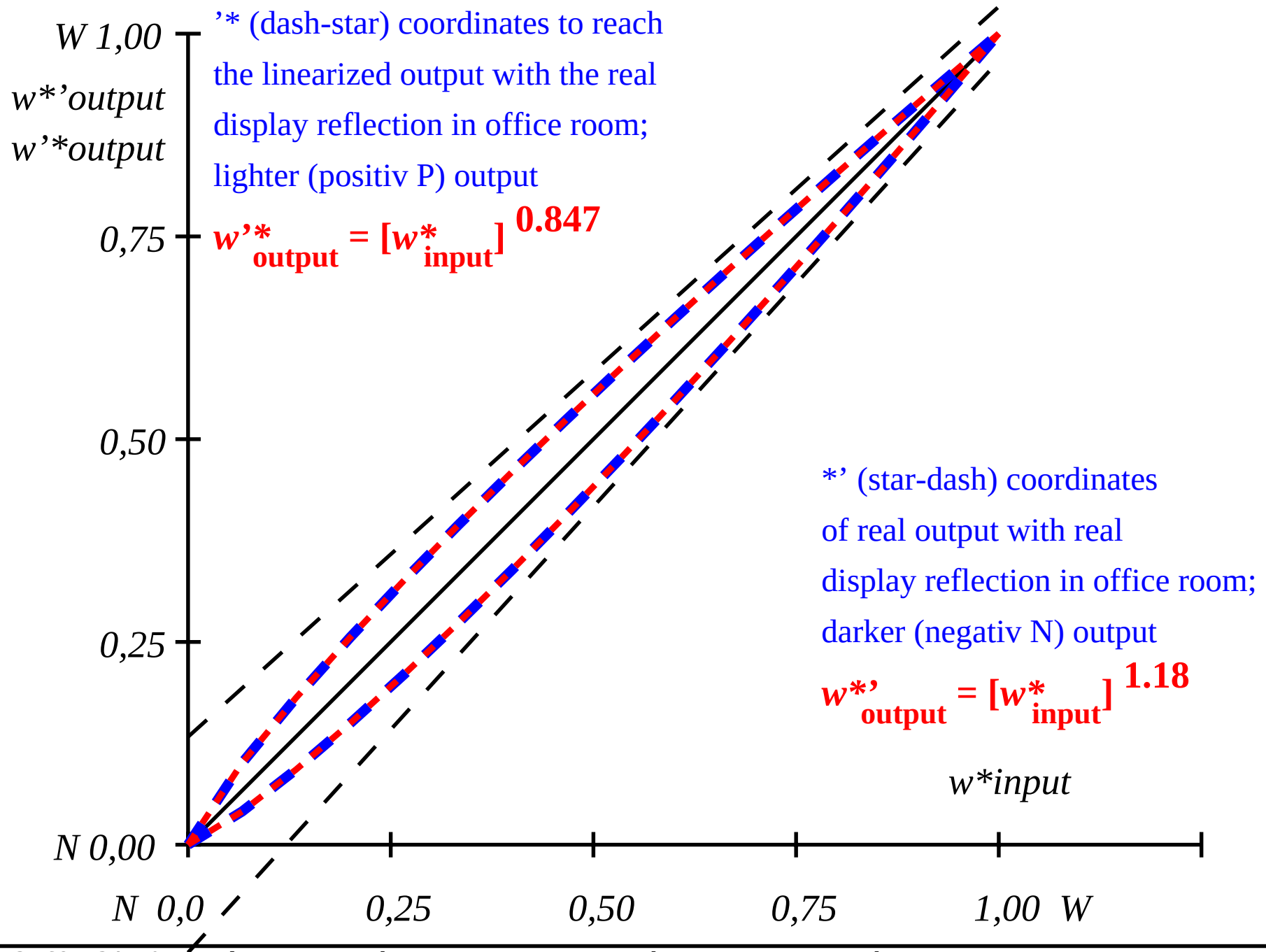
Relative size	Letters	Ring ***N***	Ring ***R***$_d$	Ring ***G***$_d$	Ring ***B***$_d$
10	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
8	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
6	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
4	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No

Test of recognition frequency of Landolt-rings *W−R*$_d$, *W−G*$_d$, *W−B*$_d$, and *W−N* according to pictures D6W-101-0**, and D7W**-101-0

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

Colour row ***W−R***$_d$ background − ring		Colour row ***W−G***$_d$ background − ring		Colour row ***W−B***$_d$ 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

For linearized output of the 16 grey steps of Picture A7-101-2



OE681−3A-101-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

Test of 16 visually equally spaced steps of the colour rows *W−R*$_d$, *W−G*$_d$, *W−B*$_d$, and *W−N* according to picture D4W-102-0

W−R$_d$ White − Orangered:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... Steps
W−G$_d$ White − Leafgreen:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... Steps
W−B$_d$ White − Violetblue:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... 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	..... Steps

Test of characters and Landolt-rings in four sizes according to picture D5W-102-0

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

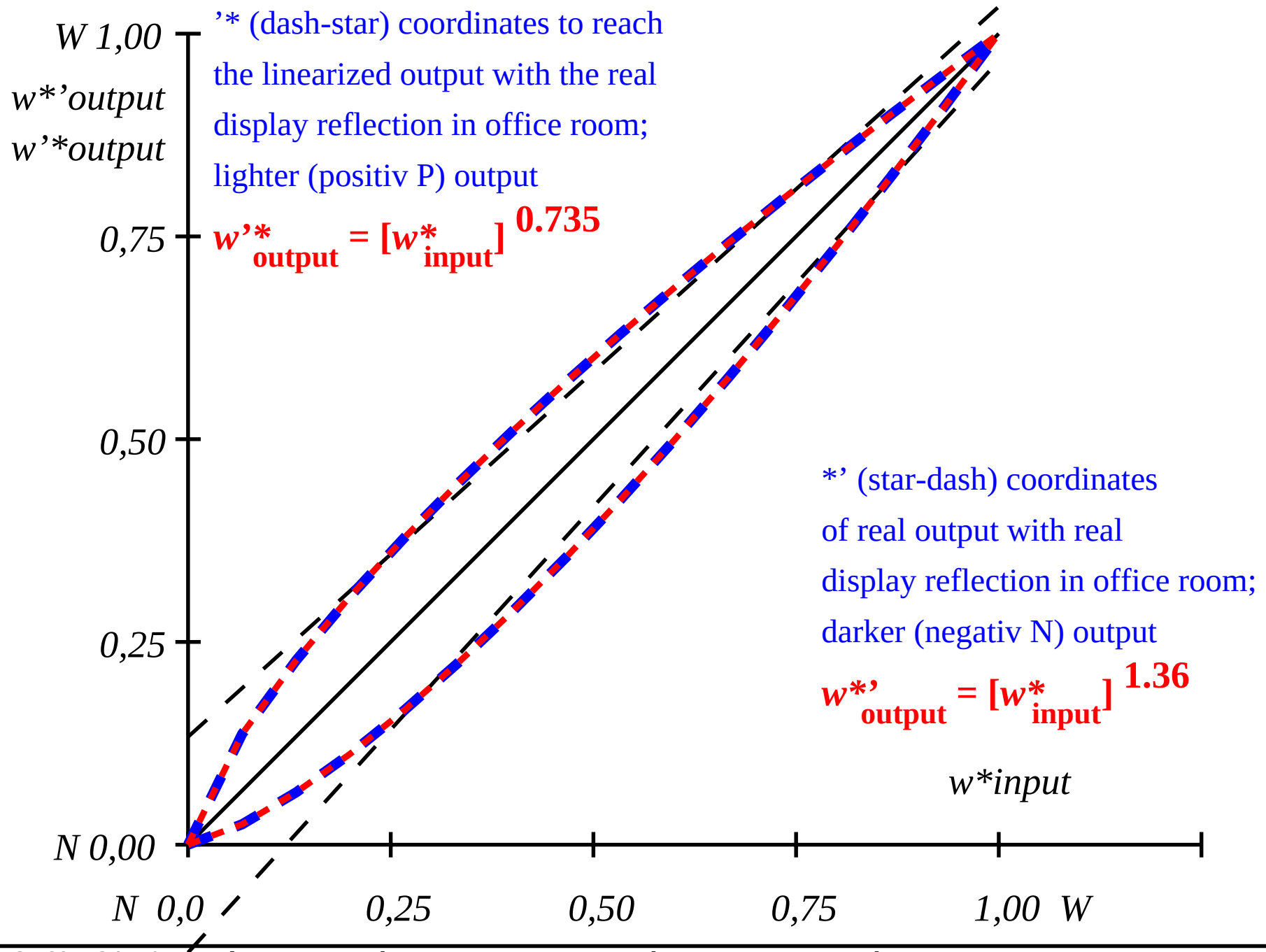
Relative size	Letters	Ring ***N***	Ring ***R***$_d$	Ring ***G***$_d$	Ring ***B***$_d$
10	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
8	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
6	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
4	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No

Test of recognition frequency of Landolt-rings *W−R*$_d$, *W−G*$_d$, *W−B*$_d$, and *W−N* according to pictures D6W-102-0**, and D7W**-102-0

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

Colour row ***W−R***$_d$ background − ring		Colour row ***W−G***$_d$ background − ring		Colour row ***W−B***$_d$ 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

For linearized output of the 16 grey steps of Picture A7-102-2



OE681−3A-102-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

Test of 16 visually equally spaced steps of the colour rows *W−R*$_d$, *W−G*$_d$, *W−B*$_d$, and *W−N* according to picture D4W-103-0

W−R$_d$ White − Orangered:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... Steps
W−G$_d$ White − Leafgreen:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... Steps
W−B$_d$ White − Violetblue:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... 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	..... Steps

Test of characters and Landolt-rings in four sizes according to picture D5W-103-0

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

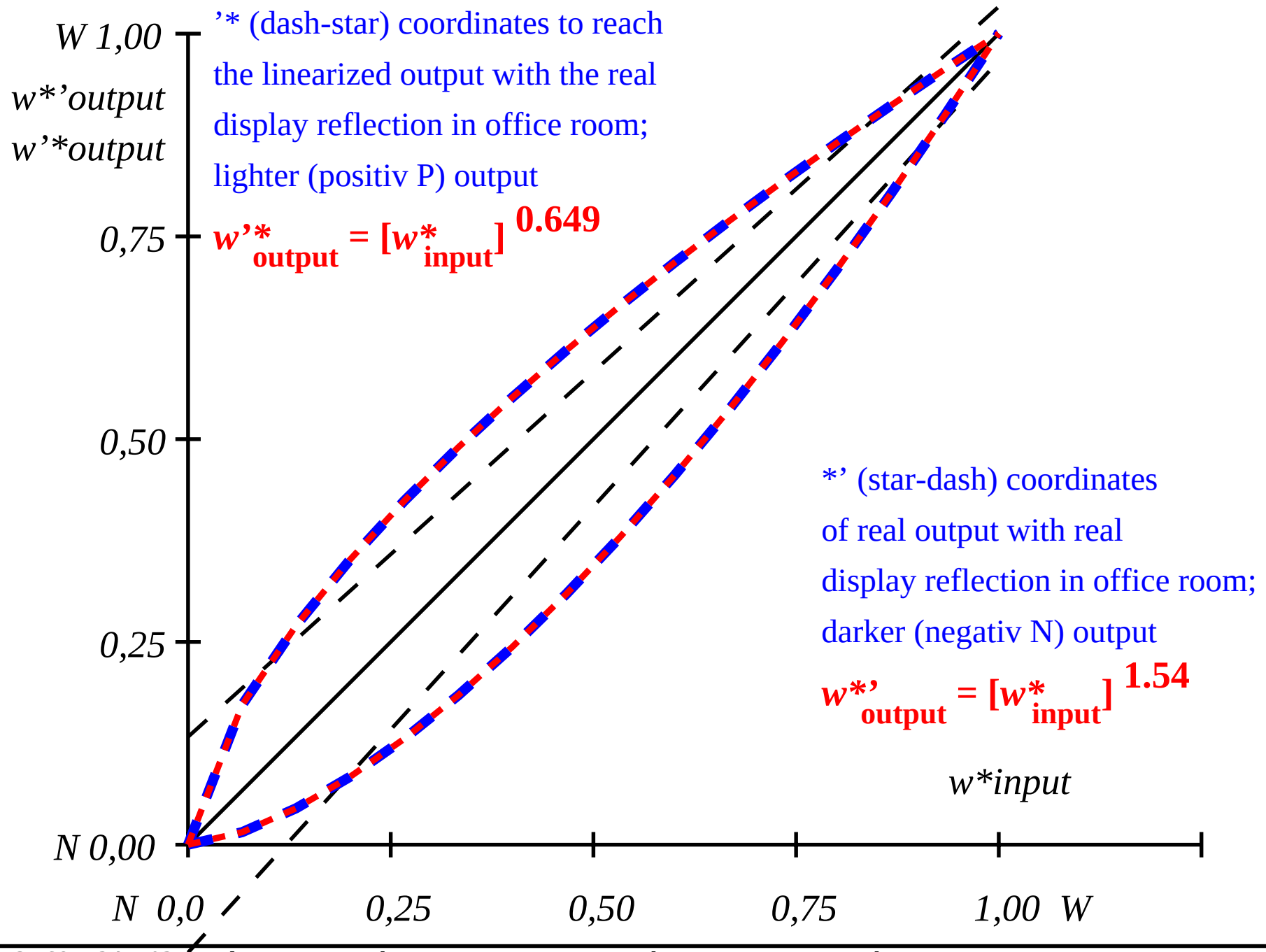
Relative size	Letters	Ring ***N***	Ring ***R***$_d$	Ring ***G***$_d$	Ring ***B***$_d$
10	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
8	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
6	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
4	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No

Test of recognition frequency of Landolt-rings *W−R*$_d$, *W−G*$_d$, *W−B*$_d$, and *W−N* according to pictures D6W-103-0**, and D7W**-103-0

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

Colour row ***W−R***$_d$ background − ring		Colour row ***W−G***$_d$ background − ring		Colour row ***W−B***$_d$ 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

For linearized output of the 16 grey steps of Picture A7-103-2



OE681−3A-103-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

Test of 16 visually equally spaced steps of the colour rows *W−R*$_d$, *W−G*$_d$, *W−B*$_d$, and *W−N* according to picture D4W-104-0

W−R$_d$ White − Orangered:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... Steps
W−G$_d$ White − Leafgreen:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... Steps
W−B$_d$ White − Violetblue:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... 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	..... Steps

Test of characters and Landolt-rings in four sizes according to picture D5W-104-0

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

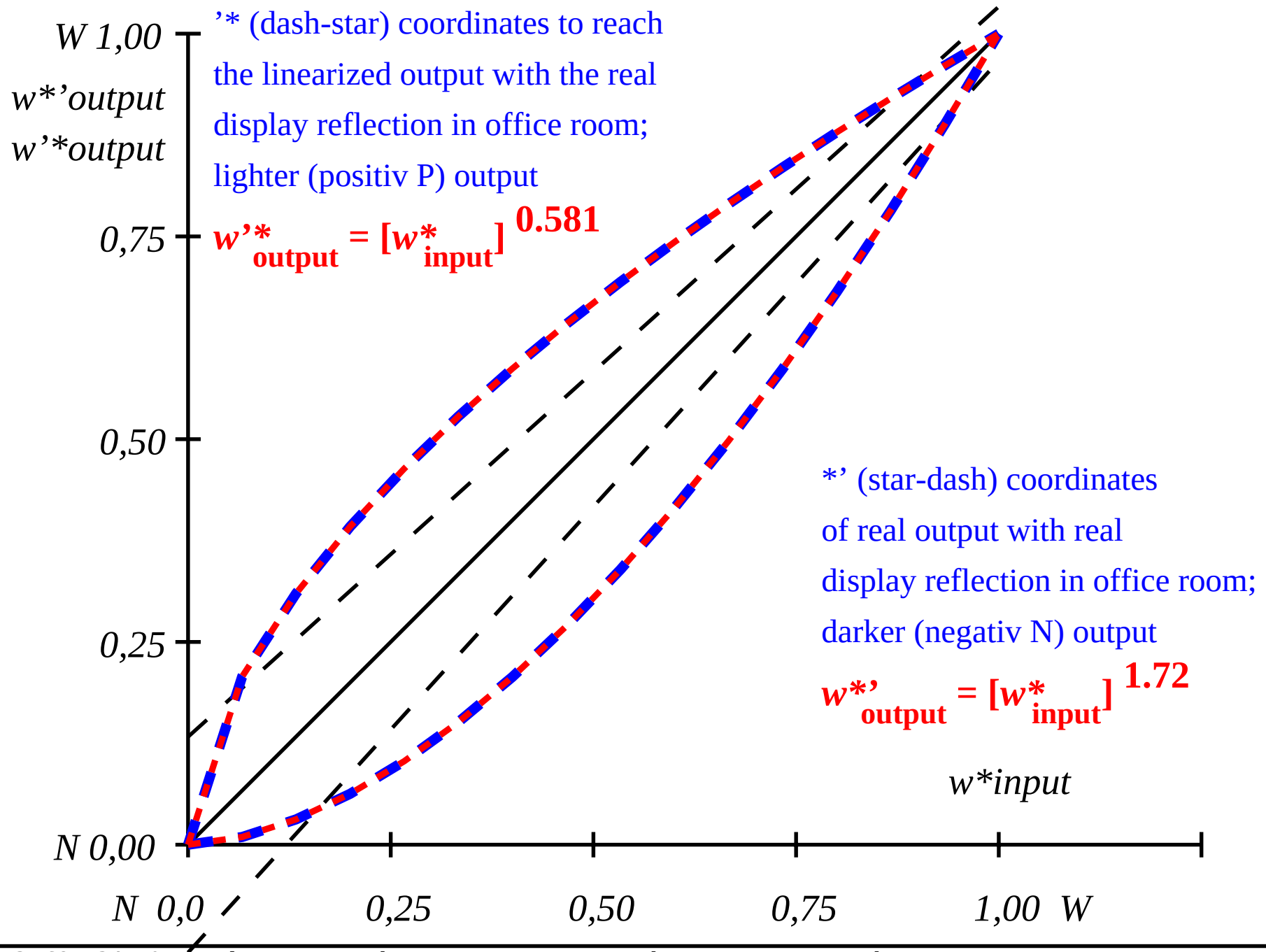
Relative size	Letters	Ring ***N***	Ring ***R***$_d$	Ring ***G***$_d$	Ring ***B***$_d$
10	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
8	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
6	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
4	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No

Test of recognition frequency of Landolt-rings *W−R*$_d$, *W−G*$_d$, *W−B*$_d$, and *W−N* according to pictures D6W-104-0**, and D7W**-104-0

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

Colour row ***W−R***$_d$ background − ring		Colour row ***W−G***$_d$ background − ring		Colour row ***W−B***$_d$ 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

For linearized output of the 16 grey steps of Picture A7-104-2



OE681−3A-104-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

Test of 16 visually equally spaced steps of the colour rows *W−R*$_d$, *W−G*$_d$, *W−B*$_d$, and *W−N* according to picture D4W-105-0

W−R$_d$ White − Orangered:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... Steps
W−G$_d$ White − Leafgreen:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... Steps
W−B$_d$ White − Violetblue:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... 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	..... Steps

Test of characters and Landolt-rings in four sizes according to picture D5W-105-0

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

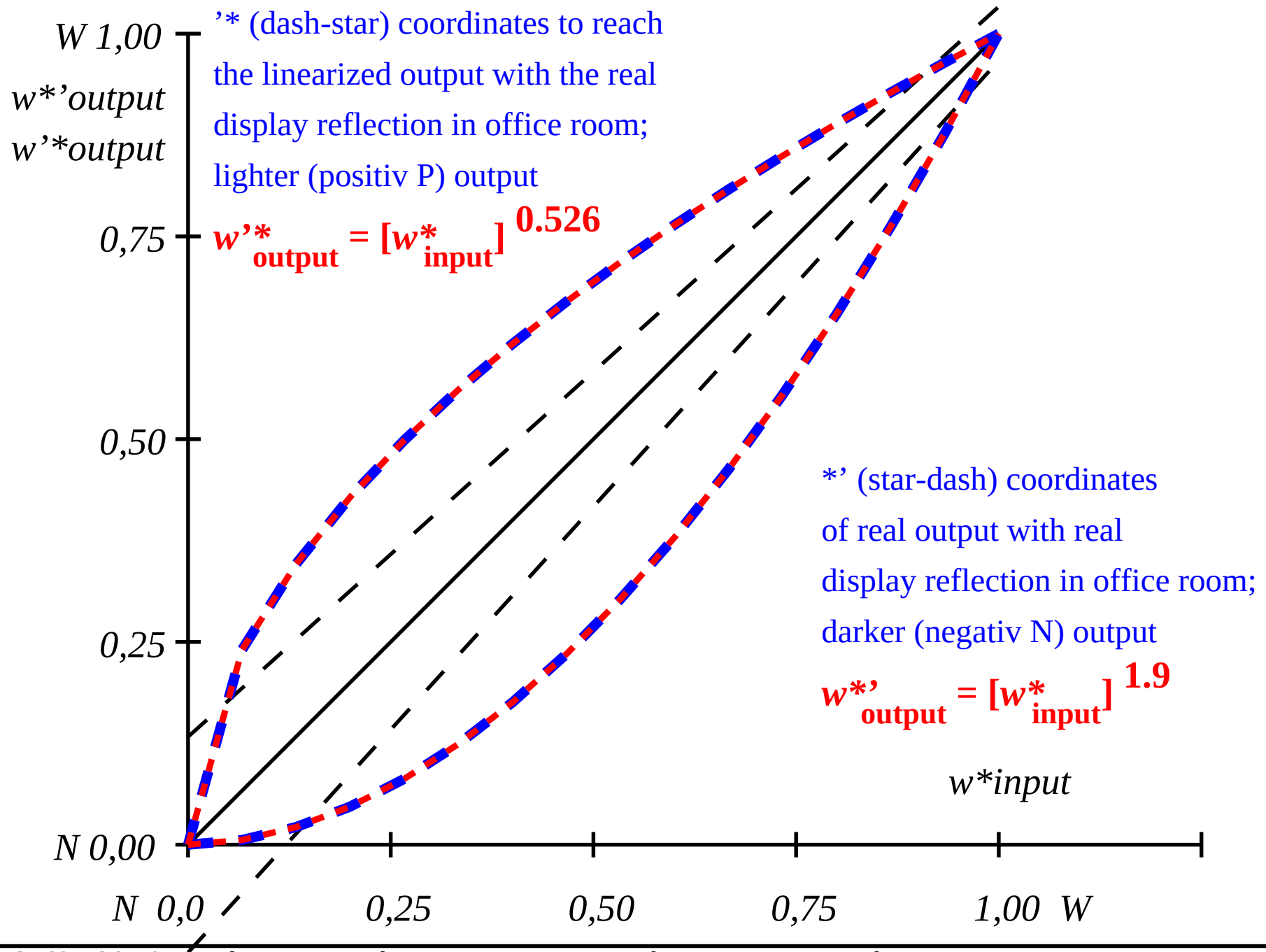
Relative size	Letters	Ring ***N***	Ring ***R***$_d$	Ring ***G***$_d$	Ring ***B***$_d$
10	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
8	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
6	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
4	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No

Test of recognition frequency of Landolt-rings *W−R*$_d$, *W−G*$_d$, *W−B*$_d$, and *W−N* according to pictures D6W-105-0**, and D7W**-105-0

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

Colour row ***W−R***$_d$ background − ring		Colour row ***W−G***$_d$ background − ring		Colour row ***W−B***$_d$ 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

For linearized output of the 16 grey steps of Picture A7-105-2



OE681−3A-105-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

Test of 16 visually equally spaced steps of the colour rows *W−R*$_d$, *W−G*$_d$, *W−B*$_d$, and *W−N* according to picture D4W-106-0

W−R$_d$ White − Orangered:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... Steps
W−G$_d$ White − Leafgreen:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... Steps
W−B$_d$ White − Violetblue:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... 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	..... Steps

Test of characters and Landolt-rings in four sizes according to picture D5W-106-0

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

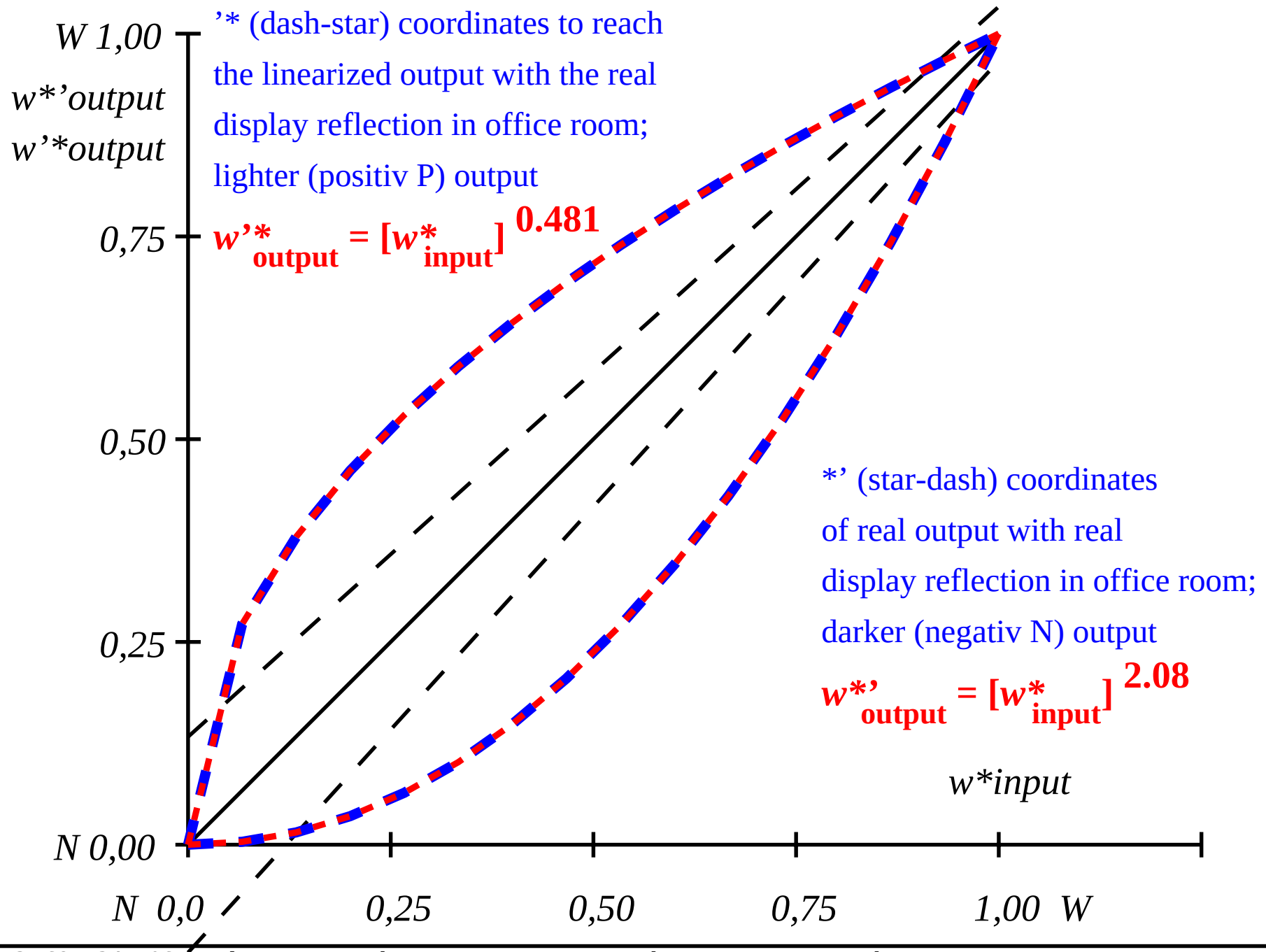
Relative size	Letters	Ring ***N***	Ring ***R***$_d$	Ring ***G***$_d$	Ring ***B***$_d$
10	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
8	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
6	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
4	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No

Test of recognition frequency of Landolt-rings *W−R*$_d$, *W−G*$_d$, *W−B*$_d$, and *W−N* according to pictures D6W-106-0**, and D7W**-106-0

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

Colour row ***W−R***$_d$ background − ring		Colour row ***W−G***$_d$ background − ring		Colour row ***W−B***$_d$ 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

For linearized output of the 16 grey steps of Picture A7-106-2



OE681−3A-106-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

Test of 16 visually equally spaced steps of the colour rows *W−R*$_d$, *W−G*$_d$, *W−B*$_d$, and *W−N* according to picture D4W-107-0

W−R$_d$ White − Orangered:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... Steps
W−G$_d$ White − Leafgreen:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... Steps
W−B$_d$ White − Violetblue:	Are all the 16 steps distinguishable?		**Yes/No**
	If No: How many steps can be distinguished?	of the given 16 steps	..... 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	..... Steps

Test of characters and Landolt-rings in four sizes according to picture D5W-107-0

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

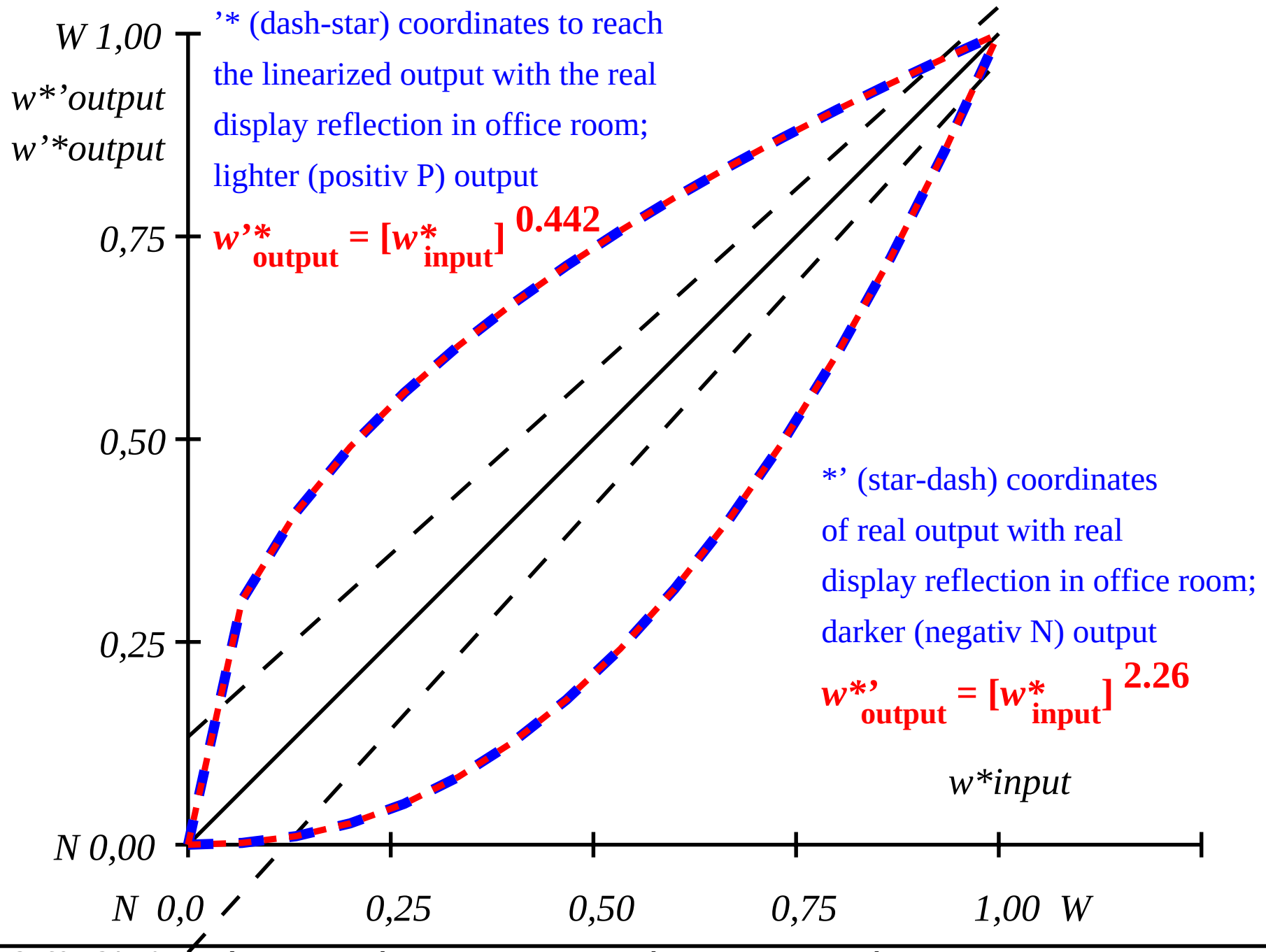
Relative size	Letters	Ring ***N***	Ring ***R***$_d$	Ring ***G***$_d$	Ring ***B***$_d$
10	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
8	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
6	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
4	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No

Test of recognition frequency of Landolt-rings *W−R*$_d$, *W−G*$_d$, *W−B*$_d$, and *W−N* according to pictures D6W-107-0**, and D7W**-107-0

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

Colour row ***W−R***$_d$ background − ring		Colour row ***W−G***$_d$ background − ring		Colour row ***W−B***$_d$ 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

For linearized output of the 16 grey steps of Picture A7-107-2



OE681−3A-107-2: File: Measure unknown; Device: Device unknown; Date: Date unknown