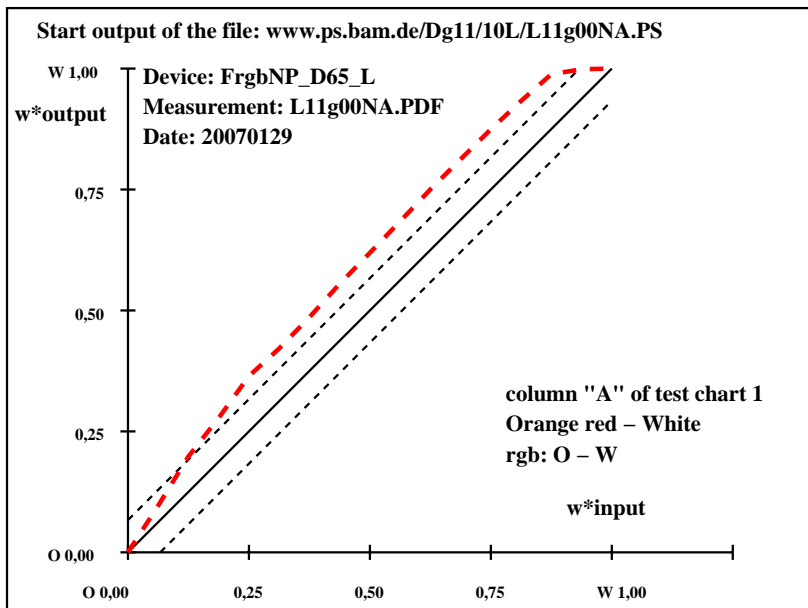


T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1										Specification according to									
O	1	35.9	60.7	44.5	36	35.9	60.7	44.5	36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	ISO/IEC 15775:1999 Annex G									
	2	39.5	56.9	41.7	36	40.2	58.0	36.9	32	0.7	1.1	-4.7	4.9	5.0					and DIN 33866-1:2000 Annex G									
	3	43.0	53.1	39.0	36	45.1	53.5	29.9	29	2.1	0.4	-9.0	9.1	9.3					relative CIELAB data used for "out"									
	4	46.6	49.3	36.2	36	49.9	48.2	26.2	29	3.3	-1.0	-9.9	10.0	10.6					$\Delta L^* = 92.71 - 35.94$									
	5	50.1	45.5	33.4	36	54.4	43.2	21.4	26	4.3	-2.2	-11.9	12.2	12.9					Regularity									
	6	53.7	41.7	30.6	36	58.0	38.5	20.0	27	4.3	-3.1	-10.5	11.1	11.9					$g^* = 41.7$									
	7	57.2	37.9	27.9	36	61.6	34.7	16.8	26	4.3	-3.1	-10.9	11.5	12.3					Lightness gamut relative to offset									
	8	60.8	34.1	25.1	36	65.9	29.7	14.8	26	5.1	-4.3	-10.2	11.2	12.3					$f^* = 73.3$									
	9	64.3	30.3	22.3	36	69.8	25.4	12.6	26	5.4	-4.8	-9.6	10.9	12.2					Orange red – White									
	10	67.9	26.5	19.5	36	73.7	21.2	10.2	26	5.8	-5.2	-9.2	10.7	12.2					rgb: O – W									
	11	71.4	22.7	16.8	36	77.6	17.1	7.5	24	6.2	-5.5	-9.2	10.8	12.4					Mean CIELAB difference (17 steps)									
	12	75.0	18.9	14.0	36	81.3	13.1	5.2	22	6.4	-5.7	-8.7	10.5	12.3					$\Delta H^*_{CIELAB} = 8.6$									
	13	78.5	15.1	11.2	37	85.0	8.9	3.2	20	6.5	-6.1	-7.9	10.1	12.0					$\Delta E^*_{CIELAB} = 9.6$									
	14	82.1	11.3	8.4	37	88.7	4.5	2.1	25	6.7	-6.7	-6.2	9.3	11.4					Mean CIELAB difference (5 steps)									
	15	85.6	7.5	5.6	37	92.1	0.0	1.5	90	6.5	-7.4	-4.0	8.6	10.7					$\Delta H^*_{CIELAB} = 6.6$									
	16	89.2	3.7	2.9	38	92.6	0.0	0.1	90	3.4	-3.6	-2.7	4.6	5.8					$\Delta E^*_{CIELAB} = 7.4$									
W	17	92.7	0.0	0.1	135	92.7	0.0	0.1	135	0.0	0.0	0.0	0.0	0.0					Mean colour reproduction index: $R^*_{ab,m} = 58$									
O	18	35.9	60.7	44.5	36	35.9	60.7	44.5	36	0.0	0.0	0.0	0.0	0.0														
	19	50.1	45.5	33.4	36	54.4	43.2	21.4	26	4.3	-2.2	-11.9	12.2	12.9														
	20	64.3	30.3	22.3	36	69.8	25.4	12.6	26	5.4	-4.8	-9.6	10.9	12.2														
	21	78.5	15.1	11.2	37	85.0	8.9	3.2	20	6.5	-6.1	-7.9	10.1	12.0														
W	22	92.7	0.0	0.1	135	92.7	0.0	0.1	135	0.0	0.0	0.0	0.0	0.0														

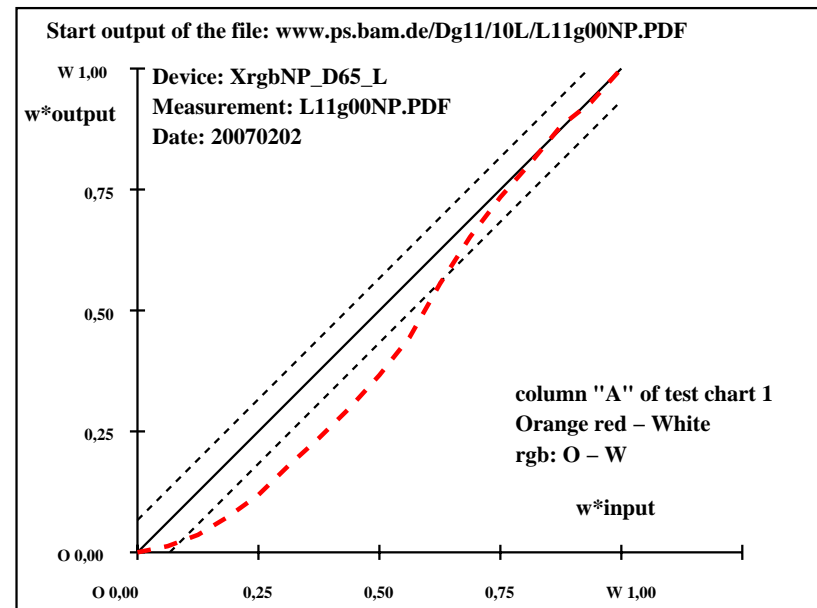
IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1										Specification according to									
O	1	46.3	60.0	40.4	34	46.3	60.0	40.4	34	0.0	0.0	0.0	0.0	0.0					ISO/IEC 15775:1999 Annex G									
	2	49.4	56.3	37.9	34	46.3	60.2	39.3	33	-3.0	4.0	1.4	4.2	5.2					and DIN 33866-1:2000 Annex G									
	3	52.4	52.5	35.4	34	46.2	60.6	37.3	32	-6.2	8.1	1.9	8.3	10.4					relative CIELAB data used for "out"									
	4	55.5	48.8	32.8	34	47.1	60.0	34.0	30	-8.3	11.3	1.2	11.3	14.1					$\Delta L^* = 95.41 - 46.31$									
	5	58.6	45.0	30.3	34	48.6	58.4	30.4	27	-9.9	13.4	0.1	13.4	16.7					Regularity									
	6	61.7	41.3	27.8	34	50.7	55.6	26.0	25	-10.8	14.3	-1.7	14.5	18.1					$g^* = 11.8$									
	7	64.7	37.5	25.3	34	53.3	51.8	22.8	24	-11.3	14.3	-2.4	14.5	18.5					Lightness gamut relative to offset									
	8	67.8	33.8	22.7	34	56.9	46.7	20.7	24	-10.8	13.0	-1.9	13.1	17.1					$f^* = 63.4$									
	9	70.9	30.0	20.2	34	60.7	41.1	18.9	25	-10.1	11.1	-1.2	11.2	15.1					Orange red – White									
	10	73.9	26.3	17.7	34	64.9	34.8	17.4	27	-8.9	8.5	-0.2	8.6	12.4					rgb: O – W									
	11	77.0	22.5	15.2	34	70.6	27.0	14.4	28	-6.3	4.5	-0.7	4.6	7.9					Mean CIELAB difference (17 steps)									
	12	80.1	18.8	12.6	34	75.6	21.2	10.6	27	-4.4	2.5	-1.9	3.2	5.5					$\Delta H^*_{CIELAB} = 6.6$									
	13	83.1	15.0	10.1	34	80.1	15.9	8.3	28	-2.9	0.9	-1.7	2.0	3.6					$\Delta E^*_{CIELAB} = 8.9$									
	14	86.2	11.3	7.6	34	84.1	11.4	6.3	29	-2.0	0.1	-1.2	1.3	2.4					Mean CIELAB difference (5 steps)									
	15	89.3	7.5	5.0	34	88.4	6.7	4.0	31	-0.8	-0.7	-0.9	1.3	1.6					$\Delta H^*_{CIELAB} = 5.3$									
	16	92.3	3.8	2.5	34	90.0	3.2	1.9	31	-2.3	-0.4	-0.5	0.8	2.5					$\Delta E^*_{CIELAB} = 7.1$									
W	17	95.4	0.0	0.0	0	95.4	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0					Mean colour reproduction index: $R^*_{ab,m} = 61$									
O	18	46.3	60.0	40.4	34	46.3	60.0	40.4	34	0.0	0.0	0.0	0.0	0.0														
	19	58.6	45.0	30.3	34	48.6	58.4	30.4	27	-9.9	13.4	0.1	13.4	16.7														
	20	70.9	30.0	20.2	34	60.7	41.1	18.9	25	-10.1	11.1	-1.2	11.2	15.1														
	21	83.1	15.0	10.1	34	80.1	15.9	8.3	28	-2.9	0.9	-1.7	2.0	3.6														
W	22	95.4	0.0	0.0	0	95.4	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0														

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IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	
Y	1	84.3	-4.1	110.2	92	84.3	-4.1	110.2	92
	2	84.8	-3.8	103.3	92	85.7	-5.9	98.1	93
	3	85.3	-3.6	96.4	92	86.8	-7.5	85.9	95
	4	85.8	-3.3	89.5	92	87.5	-8.3	77.2	96
	5	86.3	-3.0	82.6	92	88.2	-8.6	67.4	97
	6	86.9	-2.8	75.8	92	88.5	-8.6	61.7	98
	7	87.4	-2.5	68.9	92	89.0	-8.5	54.3	99
	8	87.9	-2.3	62.0	92	89.5	-8.1	46.9	100
	9	88.4	-2.0	55.1	92	90.1	-7.8	40.1	101
	10	88.9	-1.7	48.2	92	90.5	-6.9	33.3	102
	11	89.5	-1.5	41.3	92	91.0	-6.0	25.6	103
	12	90.0	-1.2	34.4	92	91.5	-4.7	18.6	104
	13	90.5	-1.0	27.6	92	91.9	-3.2	12.0	105
	14	91.0	-0.7	20.7	92	92.2	-1.8	6.5	106
	15	91.5	-0.4	13.8	92	92.5	-0.6	2.0	109
	16	92.1	-0.2	6.9	92	92.6	0.0	0.1	90
W	17	92.6	0.0	0.0	0	92.6	0.0	0.0	0
Y	18	84.3	-4.1	110.2	92	84.3	-4.1	110.2	92
	19	86.3	-3.0	82.6	92	88.2	-8.6	67.4	97
	20	88.4	-2.0	55.1	92	90.1	-7.8	40.1	101
	21	90.5	-1.0	27.6	92	91.9	-3.2	12.0	105
W	22	92.6	0.0	0.0	0	92.6	0.0	0.0	0

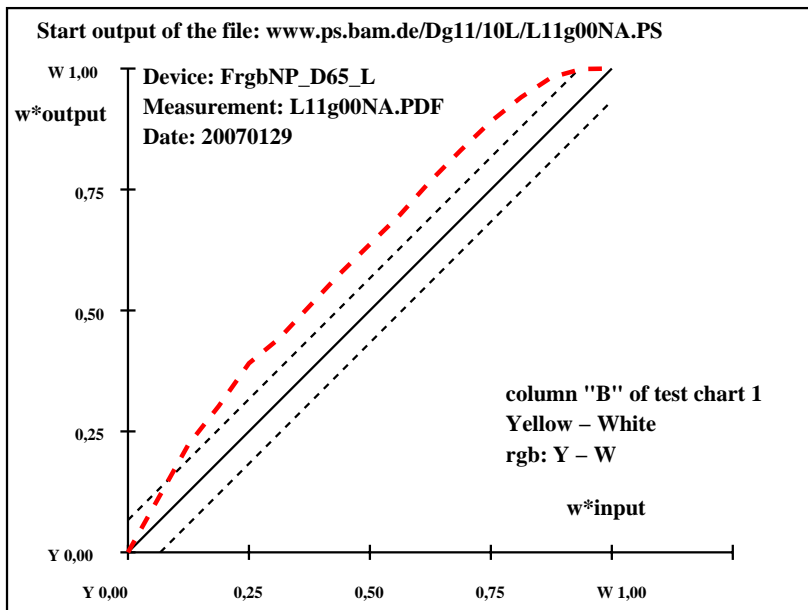
**Start output S1**  
**Specification according to**  
**ISO/IEC 15775:1999 Annex G**  
**and DIN 33866-1:2000 Annex G**  
**relative CIELAB data used for "out"**  
 $\Delta L^* = 92.58 - 84.27$   
**Regularity**  
 $g^* = 18.5$   
**Lightness gamut relative to offset**  
 $f^* = 10.7$   
**Yellow - White**  
**rgb: Y - W**  
**Mean CIELAB difference (17 steps)**  
 $\Delta H^{*CIELAB} = 12.1$   
 $\Delta E^{*CIELAB} = 12.2$   
**Mean CIELAB difference (5 steps)**  
 $\Delta H^{*CIELAB} = 9.6$   
 $\Delta E^{*CIELAB} = 9.7$   
**Mean colour reproduction index:**  $R^*_{ab,m} = 47$

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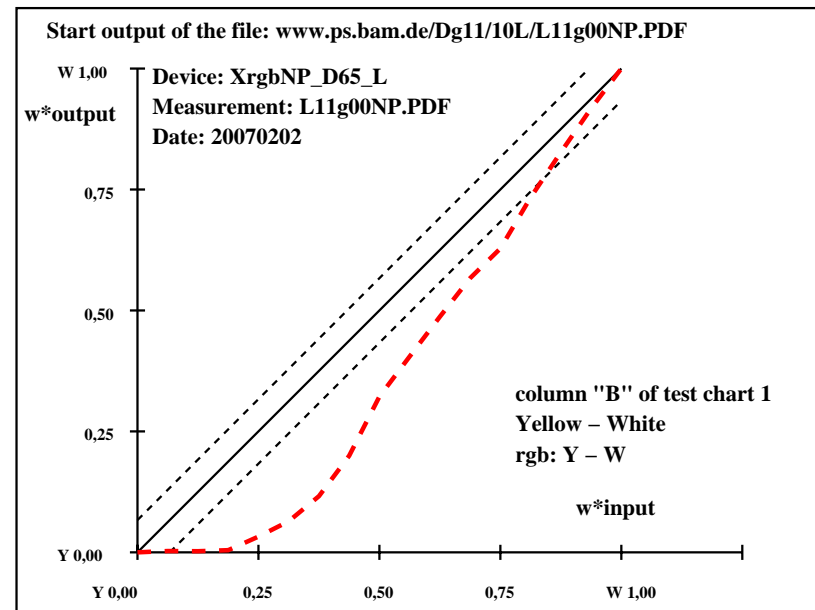
T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	
Y	1	90.9	-16.9	112.4	99	90.9	-16.9	112.4	99
	2	91.2	-15.8	105.4	99	90.8	-16.9	112.7	99
	3	91.5	-14.8	98.4	99	90.8	-16.8	112.6	99
	4	91.7	-13.7	91.3	99	90.9	-16.8	111.9	99
	5	92.0	-12.7	84.3	99	91.0	-17.0	108.7	99
	6	92.3	-11.6	77.3	99	91.1	-17.1	105.1	99
	7	92.6	-10.6	70.3	99	91.1	-17.2	99.2	100
	8	92.9	-9.5	63.2	99	91.5	-16.9	89.7	101
	9	93.2	-8.5	56.2	99	91.9	-16.0	75.8	102
	10	93.4	-7.4	49.2	99	92.3	-15.1	66.4	103
	11	93.7	-6.3	42.2	99	92.6	-13.9	57.1	104
	12	94.0	-5.3	35.1	99	93.0	-12.7	48.1	105
	13	94.3	-4.2	28.1	99	93.3	-11.5	41.2	106
	14	94.6	-3.2	21.1	99	93.9	-8.9	29.4	107
	15	94.9	-2.1	14.1	99	94.4	-6.2	19.0	108
	16	95.1	-1.1	7.0	99	95.0	-3.2	9.0	110
W	17	95.4	0.0	0.0	180	95.4	0.0	0.0	180
Y	18	90.9	-16.9	112.4	99	90.9	-16.9	112.4	99
	19	92.0	-12.7	84.3	99	91.0	-17.0	108.7	99
	20	93.2	-8.5	56.2	99	91.9	-16.0	75.8	102
	21	94.3	-4.2	28.1	99	93.3	-11.5	41.2	106
W	22	95.4	0.0	0.0	180	95.4	0.0	0.0	180

**Start output S1**  
**Specification according to**  
**ISO/IEC 15775:1999 Annex G**  
**and DIN 33866-1:2000 Annex G**  
**relative CIELAB data used for "out"**  
 $\Delta L^* = 95.43 - 90.9$   
**Regularity**  
 $g^* = 3.8$   
**Lightness gamut relative to offset**  
 $f^* = 5.9$   
**Yellow - White**  
**rgb: Y - W**  
**Mean CIELAB difference (17 steps)**  
 $\Delta H^{*CIELAB} = 15.2$   
 $\Delta E^{*CIELAB} = 15.3$   
**Mean CIELAB difference (5 steps)**  
 $\Delta H^{*CIELAB} = 12.2$   
 $\Delta E^{*CIELAB} = 12.2$   
**Mean colour reproduction index:**  $R^*_{ab,m} = 33$

IE471-3N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202



IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



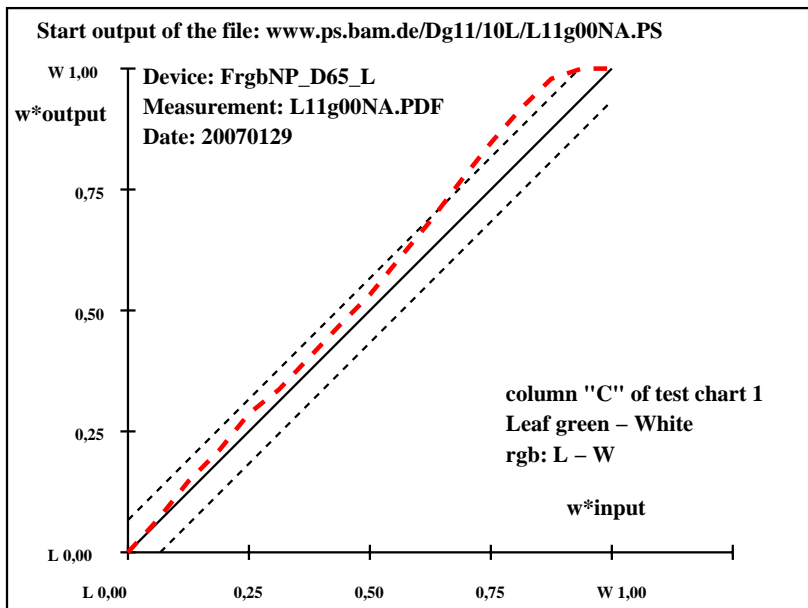
IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1											
L	1	44.0	-61.7	48.5	142	44.0	-61.7	48.5	142	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Specification according to																				
ISO/IEC 15775:1999 Annex G																				
and DIN 33866-1:2000 Annex G																				
relative CIELAB data used for "out"																				
3	50.1	-54.0	42.4	142	53.5	-57.4	39.7	145	3.3	-3.3	-2.6	4.4	5.5	$\Delta L^* = 92.64 - 44.04$						
4	53.2	-50.1	39.4	142	57.6	-54.0	37.0	146	4.4	-3.8	-2.3	4.6	6.4	Regularity						
5	56.2	-46.3	36.4	142	61.8	-49.6	33.0	146	5.6	-3.3	-3.3	4.8	7.4	$g^* = 27.4$						
6	59.2	-42.4	33.3	142	65.0	-46.0	31.7	145	5.8	-3.5	-1.5	4.0	7.0	Lightness gamut relative to offset						
7	62.3	-38.5	30.3	142	68.1	-42.2	27.8	147	5.8	-3.6	-2.4	4.5	7.3	$f^* = 62.8$						
8	65.3	-34.7	27.3	142	71.1	-38.3	24.0	148	5.8	-3.5	-3.2	4.9	7.6	Leaf green - White						
9	68.3	-30.8	24.3	142	74.1	-34.4	20.7	149	5.7	-3.5	-3.4	5.1	7.6	rgb: L - W						
10	71.4	-26.9	21.2	142	77.6	-29.4	16.9	150	6.2	-2.4	-4.2	5.0	7.9	Mean CIELAB difference (17 steps)						
11	74.4	-23.1	18.2	142	81.2	-24.1	13.7	150	6.8	-0.9	-4.4	4.6	8.2	$\Delta H^{*CIELAB} = 4.4$						
12	77.5	-19.2	15.2	142	84.7	-18.2	10.0	151	7.2	1.0	-5.1	5.3	8.9	$\Delta E^{*CIELAB} = 6.6$						
13	80.5	-15.4	12.1	142	87.8	-12.1	6.8	151	7.3	3.3	-5.2	6.2	9.6	Mean colour reproduction index: $R^*_{ab,m} = 71$						
14	83.5	-11.5	9.1	142	90.4	-6.3	4.1	147	6.8	5.2	-4.9	7.2	9.9							
15	86.6	-7.6	6.1	142	92.3	-1.3	1.6	131	5.7	6.3	-4.4	7.7	9.6							
16	89.6	-3.8	3.0	142	92.6	0.0	0.0	0	3.0	3.9	-2.9	4.9	5.8							
W	17	92.6	0.0	0.0	0	92.6	0.0	0.0	0	0.0	0.0	0.0	0.0							
L	18	44.0	-61.7	48.5	142	44.0	-61.7	48.5	142	0.0	0.0	0.0	0.0							
19	56.2	-46.3	36.4	142	61.8	-49.6	33.0	146	5.6	-3.3	-3.3	4.8	7.4							
20	68.3	-30.8	24.3	142	74.1	-34.4	20.7	149	5.7	-3.5	-3.4	5.1	7.6							
21	80.5	-15.4	12.1	142	87.8	-12.1	6.8	151	7.3	3.3	-5.2	6.2	9.6							
W	22	92.6	0.0	0.0	0	92.6	0.0	0.0	0	0.0	0.0	0.0	0.0							

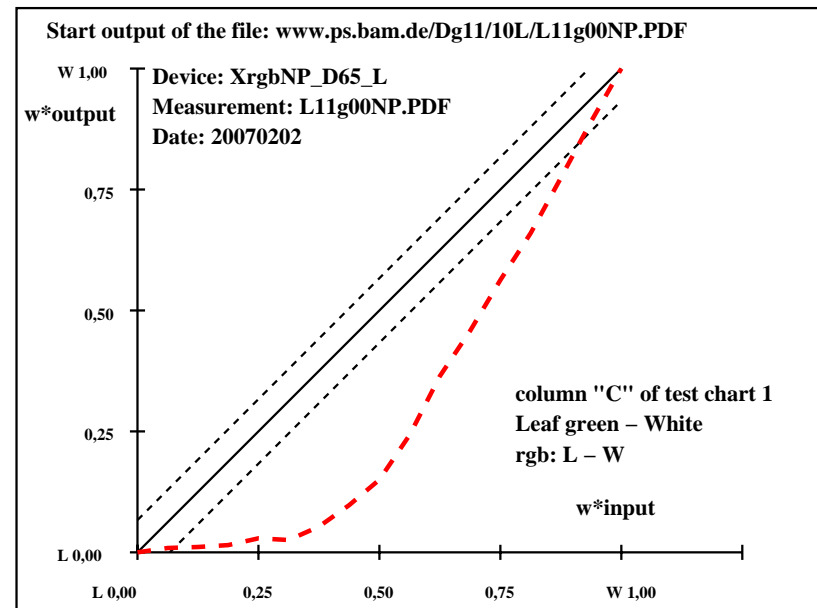
IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1											
L	1	45.7	-67.4	36.2	152	45.7	-67.4	36.2	152	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Specification according to																				
ISO/IEC 15775:1999 Annex G																				
and DIN 33866-1:2000 Annex G																				
relative CIELAB data used for "out"																				
3	51.9	-59.0	31.7	152	45.5	-66.5	36.6	151	-6.3	-7.4	4.9	9.0	11.1	$\Delta L^* = 95.52 - 45.71$						
4	55.0	-54.7	29.4	152	45.6	-66.1	36.6	151	-9.4	-11.3	7.2	13.4	16.4	Regularity						
5	58.2	-50.5	27.2	152	45.8	-65.0	37.3	150	-12.2	-14.4	10.1	17.7	21.5	$g^* = 0.6$						
6	61.3	-46.3	24.9	152	45.7	-65.3	37.2	150	-15.4	-18.9	12.3	22.6	27.4	Lightness gamut relative to offset						
7	64.4	-42.1	22.7	152	47.4	-63.4	38.4	149	-16.9	-21.2	15.7	26.5	31.5	$f^* = 64.4$						
8	67.5	-37.9	20.4	152	49.9	-60.0	38.8	147	-17.5	-22.0	18.4	28.8	33.7	Leaf green - White						
9	70.6	-33.7	18.2	152	53.0	-55.8	36.0	147	-17.5	-22.1	17.9	28.4	33.4	rgb: L - W						
10	73.7	-29.4	15.9	152	57.2	-49.9	28.9	150	-16.4	-20.4	13.0	24.3	29.4	Mean CIELAB difference (17 steps)						
11	76.8	-25.2	13.6	152	62.1	-42.0	22.3	152	-14.6	-16.7	8.7	18.9	24.0	$\Delta H^{*CIELAB} = 15.0$						
12	80.0	-21.0	11.4	152	67.6	-35.2	20.9	149	-12.3	-14.1	9.5	17.1	21.1	$\Delta E^{*CIELAB} = 17.9$						
13	83.1	-16.8	9.1	152	74.0	-27.6	20.2	144	-8.9	-10.7	11.1	15.5	17.9	Mean CIELAB difference (5 steps)						
14	86.2	-12.6	6.9	152	80.4	-21.0	19.7	137	-5.7	-8.3	12.8	15.4	16.4							
15	89.3	-8.3	4.6	151	85.8	-14.1	12.7	138	-3.4	-5.7	8.1	9.9	10.5							
16	92.4	-4.1	2.4	151	90.6	-7.1	5.2	144	-1.7	-2.9	2.8	4.1	4.5							
W	17	95.5	0.0	0.1	90	95.5	0.0	0.1	90	0.0	0.0	0.0	0.0							
L	18	45.7	-67.4	36.2	152	45.7	-67.4	36.2	152	0.0	0.0	0.0	0.0							
19	58.2	-50.5	27.2	152	45.8	-65.0	37.3	150	-12.2	-14.4	10.1	17.7	21.5							
20	70.6	-33.7	18.2	152	53.0	-55.8	36.0	147	-17.5	-22.1	17.9	28.4	33.4							
21	83.1	-16.8	9.1	152	74.0	-27.6	20.2	144	-8.9	-10.7	11.1	15.5	17.9							
W	22	95.5	0.0	0.1	90	95.5	0.0	0.1	90	0.0	0.0	0.0	0.0							

IE471-3N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202



IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



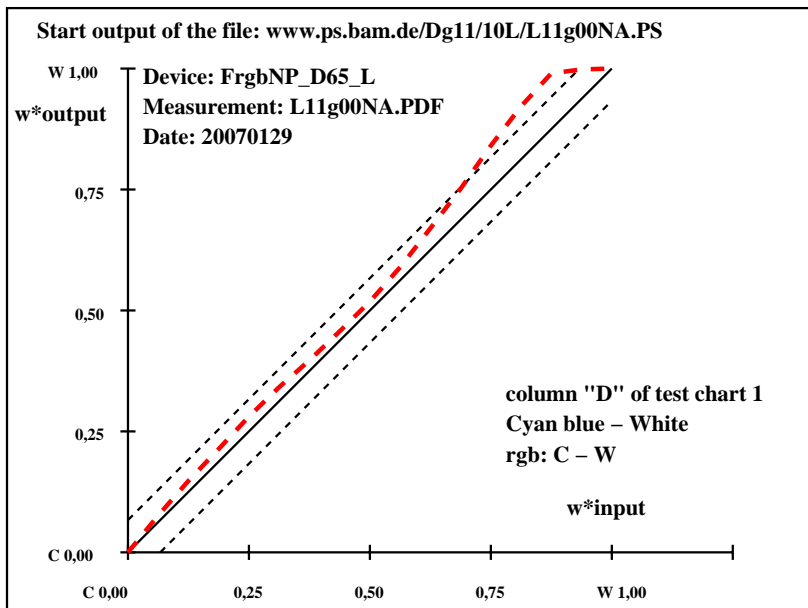
IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1							
C	1	53.7	-28.9	-31.6	228	53.7	-28.9	-31.6	228	0.0	0.0	0.0	0.0	0.0	0.0	Specification according to
	2	56.2	-27.1	-29.6	228	57.8	-29.4	-29.9	225	1.6	-2.2	-0.2	2.3	2.8	ISO/IEC 15775:1999 Annex G	
	3	58.6	-25.3	-27.6	228	61.5	-29.2	-28.0	224	2.9	-3.8	-0.3	3.9	4.9	and DIN 33866-1:2000 Annex G	
	4	61.0	-23.5	-25.7	228	64.8	-28.4	-26.0	222	3.7	-4.8	-0.2	4.9	6.2	relative CIELAB data used for "out"	
	5	63.5	-21.7	-23.7	228	67.9	-27.1	-23.8	221	4.4	-5.4	0.0	5.5	7.0	$\Delta L^* = 92.62 - 53.73$	
	6	65.9	-19.8	-21.7	228	70.7	-25.7	-21.9	220	4.8	-5.8	-0.1	5.9	7.6	Regularity	
	7	68.3	-18.0	-19.7	228	73.0	-24.0	-20.1	220	4.7	-5.9	-0.3	6.0	7.6	$g^* = 27.5$	
	8	70.7	-16.2	-17.7	228	75.5	-22.4	-18.0	219	4.7	-6.1	-0.2	6.2	7.8		
	9	73.2	-14.4	-15.8	228	77.9	-20.5	-15.9	218	4.8	-6.0	0.0	6.1	7.7	Lightness gamut relative to offset	
	10	75.6	-12.6	-13.8	228	80.6	-18.0	-13.5	217	5.0	-5.3	0.3	5.4	7.3	$f^* = 50.2$	
	11	78.0	-10.8	-11.8	228	83.4	-15.2	-10.7	215	5.4	-4.3	1.1	4.6	7.1		
	12	80.5	-9.0	-9.8	228	86.1	-12.0	-7.9	213	5.7	-2.9	1.9	3.6	6.7	Cyan blue – White	
	13	82.9	-7.2	-7.8	228	88.7	-8.0	-4.9	212	5.8	-0.8	2.9	3.0	6.6	rgb: C – W	
	14	85.3	-5.3	-5.8	228	90.8	-4.0	-2.3	210	5.5	1.3	3.5	3.8	6.7		
	15	87.8	-3.5	-3.9	228	92.5	-0.6	-0.1	196	4.7	2.9	3.8	4.8	6.7	Mean CIELAB difference (17 steps)	
	16	90.2	-1.7	-1.9	228	92.5	0.0	0.0	0	2.3	1.8	2.0	2.7	3.5	$\Delta H^*_{CIELAB} = 4.0$	
W	17	92.6	0.0	0.0	0	92.6	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 5.7$	
C	18	53.7	-28.9	-31.6	228	53.7	-28.9	-31.6	228	0.0	0.0	0.0	0.0	0.0		
	19	63.5	-21.7	-23.7	228	67.9	-27.1	-23.8	221	4.4	-5.4	0.0	5.5	7.0		
	20	73.2	-14.4	-15.8	228	77.9	-20.5	-15.9	218	4.8	-6.0	0.0	6.1	7.7	Mean CIELAB difference (5 steps)	
	21	82.9	-7.2	-7.8	228	88.7	-8.0	-4.9	212	5.8	-0.8	2.9	3.0	6.6	$\Delta H^*_{CIELAB} = 2.9$	
W	22	92.6	0.0	0.0	0	92.6	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 4.3$	
Mean colour reproduction index:										$R^*_{ab,m} = 75$						

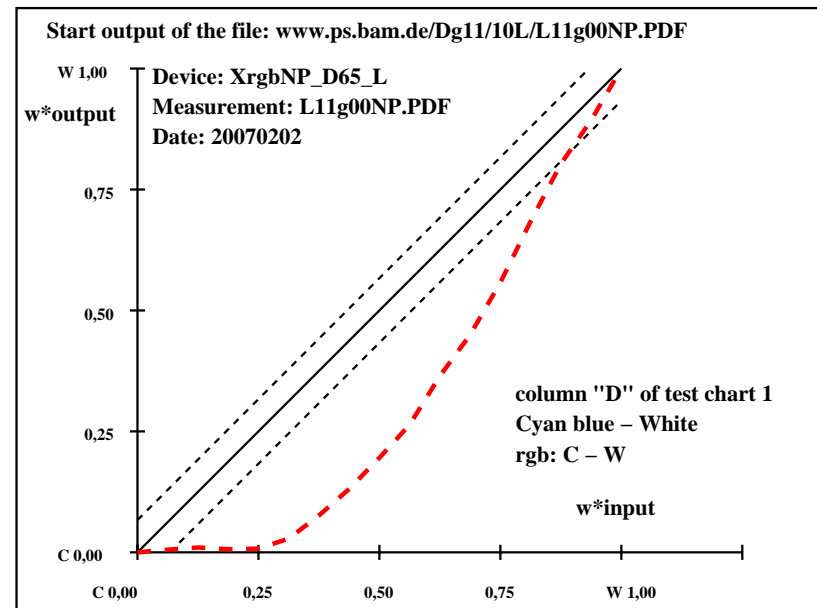
IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	$\Delta E^*$	Start output S1
C	1	51.2	-15.7	-52.5	253	51.2	-15.7	-52.5	253	Specification according to
	2	53.9	-14.7	-49.2	253	51.0	-15.5	-52.8	254	ISO/IEC 15775:1999 Annex G
	3	56.7	-13.7	-45.9	253	50.8	-15.2	-52.8	254	and DIN 33866-1:2000 Annex G
	4	59.5	-12.7	-42.7	253	51.1	-15.3	-52.7	254	relative CIELAB data used for "out"
	5	62.2	-11.8	-39.4	253	51.7	-15.6	-52.4	253	$\Delta L^* = 95.39 - 51.16$
	6	65.0	-10.8	-36.1	253	52.7	-16.2	-51.3	252	Regularity
	7	67.7	-9.8	-32.8	253	55.1	-16.2	-48.9	252	$g^* = 2.5$
	8	70.5	-8.8	-29.5	253	57.0	-16.3	-45.4	250	
	9	73.3	-7.8	-26.3	253	58.6	-15.8	-40.9	249	Lightness gamut relative to offset
	10	76.0	-6.8	-23.0	253	60.9	-15.4	-36.7	247	$f^* = 57.1$
	11	78.8	-5.8	-19.7	253	64.9	-13.8	-30.9	246	
	12	81.6	-4.8	-16.4	253	68.6	-12.1	-26.3	245	Cyan blue – White
	13	84.3	-3.9	-13.1	253	74.3	-10.3	-21.2	244	rgb: C – W
	14	87.1	-2.9	-9.8	253	81.0	-8.3	-15.4	242	
	15	89.9	-1.9	-6.6	253	87.0	-5.8	-9.9	239	Mean CIELAB difference (17 steps)
	W	16	92.6	-0.9	-3.3	254	91.1	-3.2	-5.5	239
17		95.4	0.0	0.0	270	95.4	0.0	0.0	270	$\Delta E^*_{CIELAB} = 13.2$
18		51.2	-15.7	-52.5	253	51.2	-15.7	-52.5	253	
19		62.2	-11.8	-39.4	253	51.7	-15.6	-52.4	253	
C	20	73.3	-7.8	-26.3	253	58.6	-15.8	-40.9	249	Mean CIELAB difference (5 steps)
	21	84.3	-3.9	-13.1	253	74.3	-10.3	-21.2	244	$\Delta H^*_{CIELAB} = 8.1$
	22	95.4	0.0	0.0	270	95.4	0.0	0.0	270	$\Delta E^*_{CIELAB} = 10.8$
W										
Mean colour reproduction index: $R^*_{ab,m} = 42$										

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T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	
V	1	14.6	51.7	-60.3	311	14.6	51.7	-60.3	311
	2	19.5	48.5	-56.5	311	20.0	46.6	-59.4	308
	3	24.3	45.2	-52.8	311	26.5	39.6	-56.5	305
	4	29.2	42.0	-49.0	311	32.8	33.1	-52.8	302
	5	34.1	38.8	-45.2	311	38.8	28.0	-49.0	300
	6	39.0	35.5	-41.4	311	44.5	23.9	-45.1	298
	7	43.9	32.3	-37.7	311	49.3	20.5	-41.4	296
	8	48.8	29.1	-33.9	311	55.0	16.2	-37.0	294
	9	53.6	25.9	-30.1	311	60.0	13.0	-33.0	291
	10	58.5	22.6	-26.3	311	65.4	10.5	-28.5	290
	11	63.4	19.4	-22.6	311	70.9	8.1	-23.5	289
	12	68.3	16.2	-18.8	311	76.3	6.2	-18.3	289
	13	73.2	12.9	-15.0	311	82.0	4.4	-12.4	289
	14	78.1	9.7	-11.2	311	87.3	2.3	-6.5	289
	15	82.9	6.5	-7.4	311	91.9	-0.1	-0.5	252
	16	87.8	3.2	-3.7	311	92.7	0.0	0.0	0
W	17	92.7	0.0	0.0	0	92.7	0.0	0.0	0
V	18	14.6	51.7	-60.3	311	14.6	51.7	-60.3	311
	19	34.1	38.8	-45.2	311	38.8	28.0	-49.0	300
	20	53.6	25.9	-30.1	311	60.0	13.0	-33.0	291
	21	73.2	12.9	-15.0	311	82.0	4.4	-12.4	289
W	22	92.7	0.0	0.0	0	92.7	0.0	0.0	0

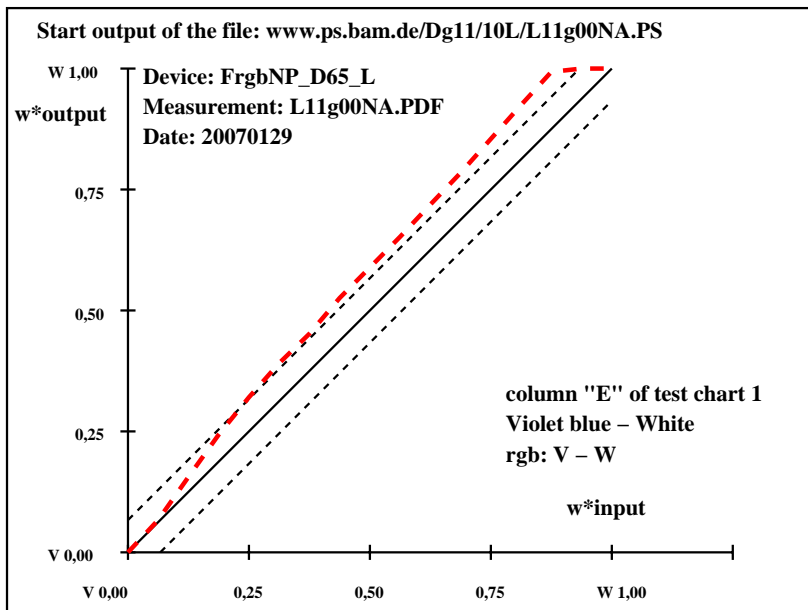
**Start output S1**  
**Specification according to**  
**ISO/IEC 15775:1999 Annex G**  
**and DIN 33866-1:2000 Annex G**  
**relative CIELAB data used for "out"**  
 $\Delta L^* = 92.7 - 14.57$   
**Regularity**  
 $g^* = 44.2$   
**Lightness gamut relative to offset**  
 $f^* = 100.9$   
**Violet blue – White**  
**rgb: V – W**  
**Mean CIELAB difference (17 steps)**  
 $\Delta H^*_{CIELAB} = 8.7$   
 $\Delta E^*_{CIELAB} = 10.3$   
**Mean CIELAB difference (5 steps)**  
 $\Delta H^*_{CIELAB} = 6.7$   
 $\Delta E^*_{CIELAB} = 7.9$   
**Mean colour reproduction index:  $R^*_{ab,m} = 55$**

IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

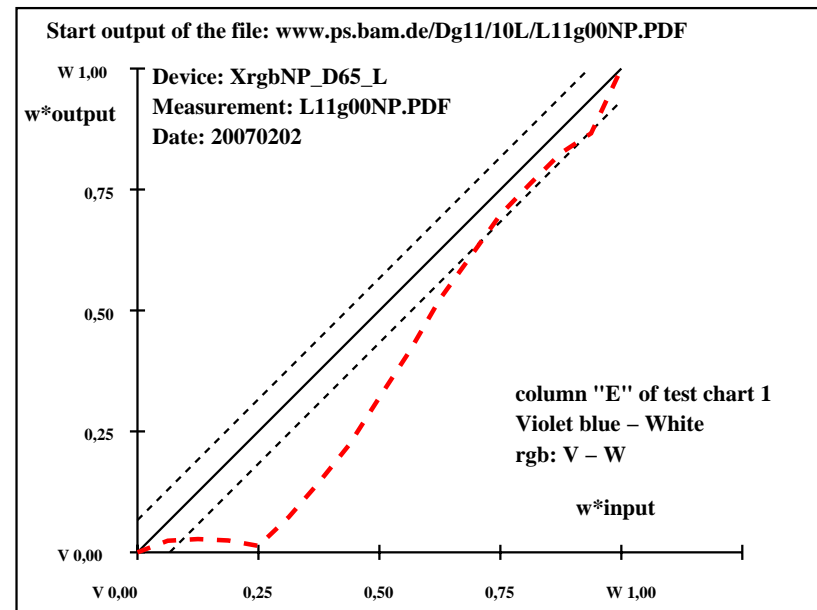
T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	
V	1	38.2	2.0	-49.0	272	38.2	2.0	-49.0	272
	2	41.8	1.9	-45.9	272	37.0	3.3	-48.9	274
	3	45.4	1.7	-42.8	272	36.9	3.6	-48.9	274
	4	49.0	1.6	-39.8	272	37.2	3.5	-48.7	274
	5	52.5	1.5	-36.7	272	39.0	2.3	-48.4	273
	6	56.1	1.3	-33.6	272	42.9	1.1	-46.3	271
	7	59.7	1.2	-30.5	272	47.4	1.0	-43.1	271
	8	63.3	1.1	-27.4	272	52.3	0.0	-40.0	270
	9	66.9	1.0	-24.3	272	58.2	0.0	-35.4	270
	10	70.5	0.8	-21.3	272	63.9	-0.1	-30.9	270
	11	74.0	0.7	-18.2	272	69.9	0.0	-25.3	270
	12	77.6	0.6	-15.1	272	74.9	-1.0	-21.1	267
	13	81.2	0.4	-12.0	272	79.9	-0.1	-16.6	269
	14	84.8	0.3	-8.9	272	83.2	0.3	-12.9	271
	15	88.4	0.2	-5.9	272	86.5	1.4	-9.4	278
	16	92.0	0.0	-2.8	271	88.4	2.0	-6.9	286
W	17	95.5	0.0	0.2	117	95.5	0.0	0.2	117
V	18	38.2	2.0	-49.0	272	38.2	2.0	-49.0	272
	19	52.5	1.5	-36.7	272	39.0	2.3	-48.4	273
	20	66.9	1.0	-24.3	272	58.2	0.0	-35.4	270
	21	81.2	0.4	-12.0	272	79.9	-0.1	-16.6	269
W	22	95.5	0.0	0.2	117	95.5	0.0	0.2	117

**Start output S1**  
**Specification according to**  
**ISO/IEC 15775:1999 Annex G**  
**and DIN 33866-1:2000 Annex G**  
**relative CIELAB data used for "out"**  
 $\Delta L^* = 95.54 - 38.21$   
**Regularity**  
 $g^* = 3.5$   
**Lightness gamut relative to offset**  
 $f^* = 74.1$   
**Violet blue – White**  
**rgb: V – W**  
**Mean CIELAB difference (17 steps)**  
 $\Delta H^*_{CIELAB} = 7.0$   
 $\Delta E^*_{CIELAB} = 9.5$   
**Mean CIELAB difference (5 steps)**  
 $\Delta H^*_{CIELAB} = 5.5$   
 $\Delta E^*_{CIELAB} = 7.4$   
**Mean colour reproduction index:  $R^*_{ab,m} = 58$**

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IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

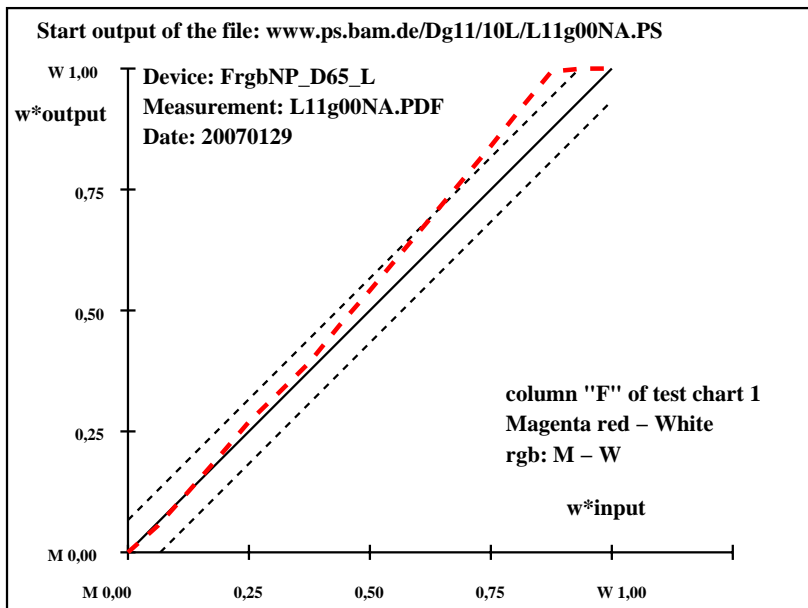


T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	
M	1	38.7	79.2	-34.7	336	38.7	79.2	-34.7	336
	2	42.0	74.3	-32.5	336	43.2	75.8	-35.0	335
	3	45.4	69.3	-30.4	336	48.1	70.5	-34.0	334
	4	48.8	64.4	-28.2	336	52.5	64.8	-32.4	333
	5	52.2	59.4	-26.0	336	56.7	58.8	-30.6	332
	6	55.6	54.5	-23.8	336	60.1	53.8	-28.9	332
	7	58.9	49.5	-21.7	336	63.4	48.7	-26.8	331
	8	62.3	44.6	-19.5	336	67.5	42.5	-23.9	331
	9	65.7	39.6	-17.3	336	71.2	36.7	-21.2	330
	10	69.1	34.6	-15.1	336	75.0	30.7	-18.1	329
	11	72.4	29.7	-13.0	336	78.6	24.7	-14.9	329
	12	75.8	24.8	-10.8	336	82.1	18.7	-11.5	328
	13	79.2	19.8	-8.6	336	85.6	12.7	-8.0	327
	14	82.6	14.8	-6.4	336	89.2	6.5	-4.1	327
	15	85.9	9.9	-4.3	336	92.4	0.5	-0.2	329
	16	89.3	4.9	-2.1	336	92.7	0.0	0.0	0
	17	92.7	0.0	0.0	0	92.7	0.0	0.0	0
M	18	38.7	79.2	-34.7	336	38.7	79.2	-34.7	336
	19	52.2	59.4	-26.0	336	56.7	58.8	-30.6	332
	20	65.7	39.6	-17.3	336	71.2	36.7	-21.2	330
	21	79.2	19.8	-8.6	336	85.6	12.7	-8.0	327
	22	92.7	0.0	0.0	0	92.7	0.0	0.0	0
Mean colour reproduction index: $R^*_{ab,m} = 72$									

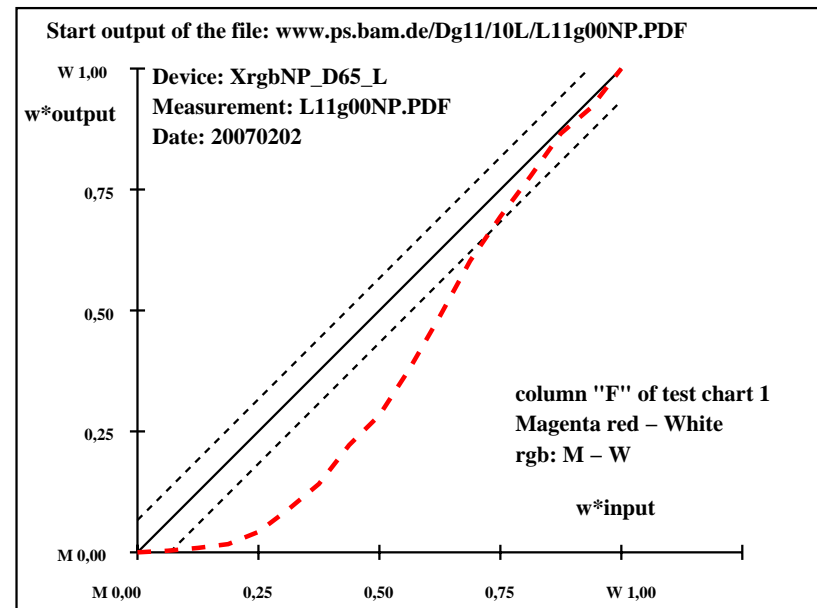
IE470-3N; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	
M	1	46.1	71.3	-6.3	355	46.1	71.3	-6.3	355
	2	49.2	66.8	-5.9	355	46.3	71.4	-6.5	355
	3	52.3	62.4	-5.5	355	46.7	70.9	-6.7	355
	4	55.4	57.9	-5.1	355	47.0	70.4	-7.1	354
	5	58.5	53.5	-4.7	355	47.4	68.7	-8.6	353
	6	61.5	49.0	-4.3	355	48.8	65.4	-10.6	351
	7	64.6	44.6	-3.9	355	51.1	61.0	-10.8	350
	8	67.7	40.1	-3.5	355	55.2	55.1	-11.6	348
	9	70.8	35.7	-3.1	355	58.8	50.7	-11.1	348
	10	73.9	31.2	-2.7	355	63.9	43.8	-10.6	346
	11	77.0	26.7	-2.3	355	69.2	35.8	-9.3	345
	12	80.0	22.3	-1.9	355	74.3	27.2	-8.7	342
	13	83.1	17.8	-1.5	355	78.1	20.2	-8.4	337
	14	86.2	13.4	-1.1	355	82.0	14.0	-7.8	331
	15	89.3	8.9	-0.7	355	86.4	7.7	-6.5	319
	16	92.4	4.5	-0.3	355	89.9	4.5	-4.3	316
	17	95.5	0.0	0.0	0	95.5	0.0	0.0	0
M	18	46.1	71.3	-6.3	355	46.1	71.3	-6.3	355
	19	58.5	53.5	-4.7	355	47.4	68.7	-8.6	353
	20	70.8	35.7	-3.1	355	58.8	50.7	-11.1	348
	21	83.1	17.8	-1.5	355	78.1	20.2	-8.4	337
	22	95.5	0.0	0.0	0	95.5	0.0	0.0	0
Mean colour reproduction index: $R^*_{ab,m} = 47$									

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IE470-7N; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



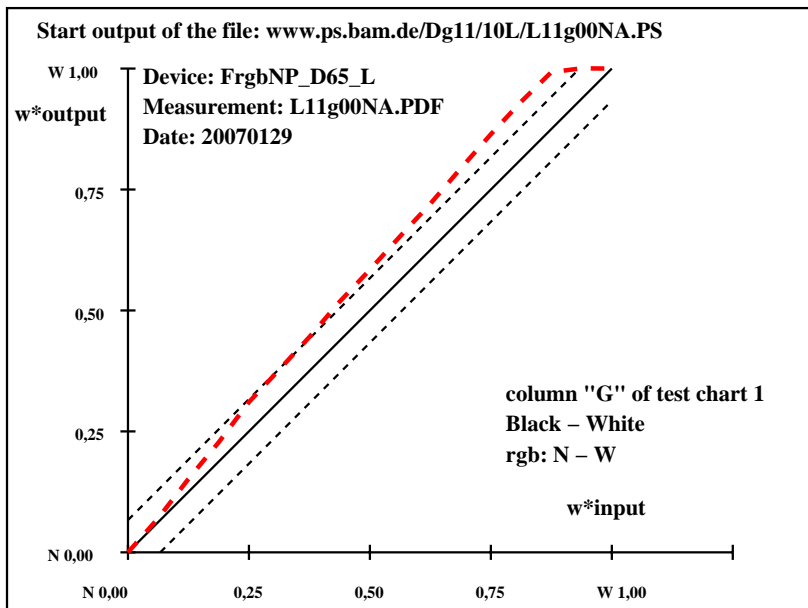
IE471-7N; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1						
N	1	8.7	0.0	0.0	0	8.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	Specification according to ISO/IEC 15775:1999 Annex G and DIN 33866-1:2000 Annex G relative CIELAB data used for "out"
	2	13.9	0.0	0.0	0	13.9	0.7	-2.5	285	0.0	0.7	-2.5	2.7	2.7	
	3	19.1	0.0	0.0	0	20.8	-0.2	-3.9	266	1.6	-0.2	-3.9	4.0	4.3	
	4	24.4	0.0	0.0	0	27.4	-1.8	-3.0	238	3.0	-1.8	-3.0	3.6	4.7	
	5	29.6	0.0	0.0	0	34.4	-2.2	-3.4	237	4.7	-2.2	-3.4	4.2	6.3	
	6	34.9	0.0	0.0	0	40.2	-2.7	-1.7	213	5.3	-2.7	-1.7	3.3	6.2	
	7	40.1	0.0	0.0	0	45.9	-3.1	-1.5	207	5.7	-3.1	-1.5	3.6	6.7	
	8	45.4	0.0	0.0	0	52.0	-3.9	-1.1	197	6.6	-3.9	-1.1	4.2	7.8	
Z	9	50.6	0.0	0.0	0	57.5	-3.9	-1.5	202	6.9	-3.9	-1.5	4.3	8.1	Lightness gamut relative to offset  $f^* = 108.5$  Black – White rgb: N – W  Mean CIELAB difference (17 steps) $\Delta H^{*CIELAB} = 2.5$ $\Delta E^{*CIELAB} = 6.3$
	10	55.9	0.0	0.0	0	63.4	-3.1	-1.9	212	7.5	-3.1	-1.9	3.8	8.4	
	11	61.1	0.0	0.0	0	69.1	-1.8	-2.1	229	8.0	-1.8	-2.1	2.9	8.5	
	12	66.4	0.0	0.0	0	75.2	-0.6	-2.1	252	8.9	-0.6	-2.1	2.3	9.1	
	13	71.6	0.0	0.0	0	81.2	0.1	-1.4	274	9.6	0.1	-1.4	1.5	9.7	
	14	76.9	0.0	0.0	0	86.9	0.0	-0.1	270	10.0	0.0	-0.1	0.2	10.0	
	15	82.1	0.0	0.0	0	92.0	-0.7	1.1	126	9.9	-0.7	1.1	1.4	10.0	
	16	87.4	0.0	0.0	0	92.7	0.0	0.0	0	5.3	0.0	0.0	0.0	5.3	
W	17	92.6	0.0	0.0	0	92.6	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	Mean CIELAB difference (5 steps) $\Delta H^{*CIELAB} = 2.0$ $\Delta E^{*CIELAB} = 4.8$
N	18	8.7	0.0	0.0	0	8.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	
19	29.6	0.0	0.0	0	34.4	-2.2	-3.4	237	4.7	-2.2	-3.4	4.2	6.3		
Z	20	50.6	0.0	0.0	0	57.5	-3.9	-1.5	202	6.9	-3.9	-1.5	4.3	8.1	
21	71.6	0.0	0.0	0	81.2	0.1	-1.4	274	9.6	0.1	-1.4	1.5	9.7		
W	22	92.6	0.0	0.0	0	92.6	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	
Mean colour reproduction index: $R^*_{ab,m} = 72$															

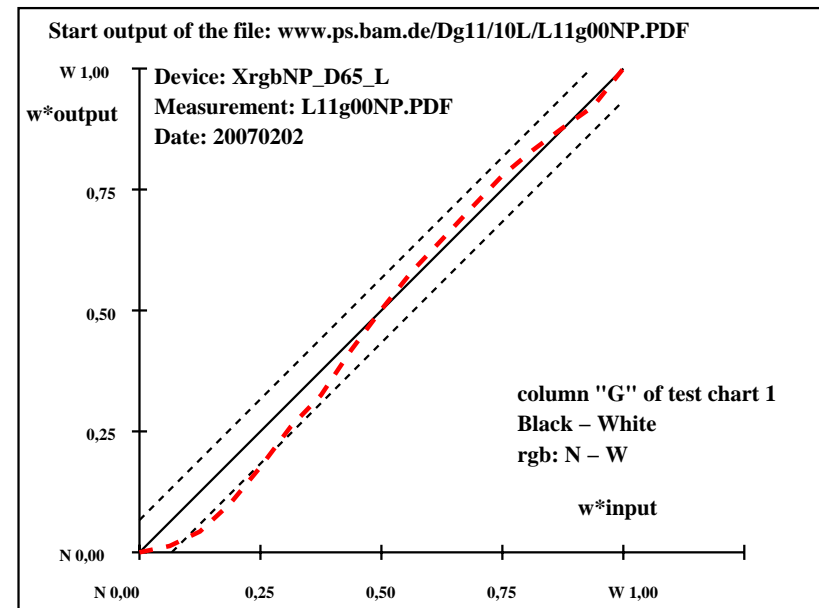
IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1						
N	1	21.7	0.0	0.0	0	21.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	Specification according to
	2	26.3	0.0	0.0	0	22.6	0.0	0.0	0	-3.5	0.0	0.0	0.0	3.6	ISO/IEC 15775:1999 Annex G
	3	30.9	0.0	0.0	0	24.8	0.0	0.1	90	-5.9	0.0	0.1	0.1	6.0	and DIN 33866-1:2000 Annex G
	4	35.5	0.0	0.0	0	29.1	0.0	0.0	0	-6.3	0.0	0.0	0.0	6.4	relative CIELAB data used for "out"
	5	40.1	0.0	0.0	0	34.7	0.0	0.0	0	-5.3	0.0	0.0	0.0	5.4	$\Delta L^* = 95.46 - 21.66$
	6	44.7	0.0	0.0	0	40.8	0.0	0.0	0	-3.8	0.0	0.0	0.0	3.9	Regularity
	7	49.3	0.0	0.0	0	45.6	0.0	0.2	90	-3.6	0.0	0.2	0.2	3.7	$g^* = 54.2$
	8	53.9	0.0	0.0	0	52.5	0.0	0.1	90	-1.3	0.0	0.1	0.1	1.4	
Z	9	58.6	0.0	0.0	0	58.7	0.0	0.2	90	0.1	0.0	0.2	0.2	0.2	Lightness gamut relative to offset
	10	63.2	0.0	0.0	0	64.5	0.0	0.2	90	1.3	0.0	0.2	0.2	1.3	$f^* = 95.3$
	11	67.8	0.0	0.0	0	69.4	0.0	0.2	90	1.6	0.0	0.2	0.2	1.6	
	12	72.4	0.0	0.0	0	74.3	0.0	0.2	90	1.9	0.0	0.2	0.2	1.9	Black – White
	13	77.0	0.0	0.0	0	79.1	0.0	0.1	90	2.1	0.0	0.1	0.1	2.1	rgb: N – W
	14	81.6	0.0	0.0	0	83.0	0.0	0.0	0	1.4	0.0	0.0	0.0	1.4	
	15	86.2	0.0	0.0	0	86.4	0.0	0.1	90	0.2	0.0	0.1	0.1	0.2	Mean CIELAB difference (17 steps)
	16	90.8	0.0	0.0	0	89.7	0.0	0.2	90	-1.1	0.0	0.2	0.2	1.2	$\Delta H^*_{CIELAB} = 0.1$
W	17	95.5	0.0	0.0	0	95.5	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 2.4$
	18	21.7	0.0	0.0	0	21.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	
	19	40.1	0.0	0.0	0	34.7	0.0	0.0	0	-5.3	0.0	0.0	0.0	5.4	
Z	20	58.6	0.0	0.0	0	58.7	0.0	0.2	90	0.1	0.0	0.2	0.2	0.2	Mean CIELAB difference (5 steps)
	21	77.0	0.0	0.0	0	79.1	0.0	0.1	90	2.1	0.0	0.1	0.1	2.1	$\Delta H^*_{CIELAB} = 0.1$
W	22	95.5	0.0	0.0	0	95.5	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 1.6$
Mean colour reproduction index:										$R^*_{ab,m} = 90$					

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IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



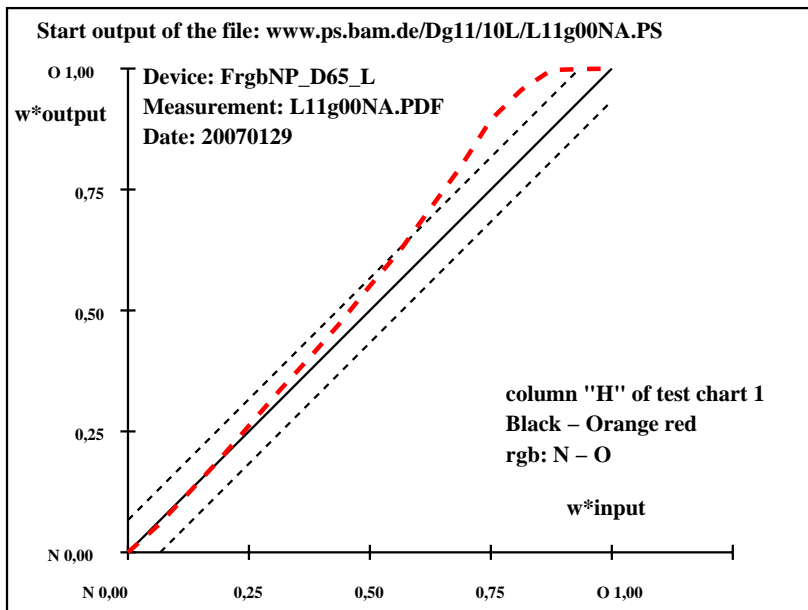
IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref		hab,ref	LAB*a,out		hab,out	LAB*a,out/c-ref				$\Delta H^*$	$\Delta E^*$	Start output S1										
N	1	8.3	0.1	-0.1	297	8.3	0.1	-0.1	297	0.0	0.0	0.0	0.0	0.0	Specification according to									
	2	10.0	3.9	2.6	34	9.7	3.9	1.8	25	-0.3	0.0	-0.7	0.8	0.9	ISO/IEC 15775:1999 Annex G									
	3	11.7	7.7	5.4	35	11.3	8.2	4.5	29	-0.3	0.5	-0.8	1.0	1.1	and DIN 33866-1:2000 Annex G									
	4	13.4	11.5	8.2	35	13.0	12.5	7.3	30	-0.3	1.0	-0.8	1.3	1.4	relative CIELAB data used for "out"									
	5	15.0	15.3	11.0	36	14.9	17.1	10.2	31	-0.1	1.8	-0.7	2.0	2.0	$\Delta L^* = 35.11 - 8.34$									
	6	16.7	19.1	13.8	36	16.6	21.7	13.2	31	0.0	2.6	-0.5	2.7	2.7	Regularity									
	7	18.4	22.9	16.6	36	18.4	26.0	16.1	32	0.0	3.1	-0.4	3.1	3.1	$g^* = 28.8$									
	8	20.1	26.7	19.4	36	20.5	30.2	19.4	33	0.4	3.5	0.0	3.5	3.5										
	9	21.7	30.5	22.2	36	22.4	34.9	23.0	33	0.7	4.4	0.8	4.5	4.5	Lightness gamut relative to offset									
	10	23.4	34.3	25.0	36	25.1	39.2	26.1	34	1.7	4.9	1.1	5.0	5.3	$f^* = 34.6$									
	11	25.1	38.1	27.8	36	27.3	44.2	30.5	35	2.2	6.1	2.7	6.7	7.0										
	12	26.7	41.9	30.6	36	29.8	49.1	34.6	35	3.1	7.2	4.0	8.2	8.8	Black – Orange red									
	13	28.4	45.7	33.4	36	32.3	54.6	39.7	36	3.9	8.9	6.3	10.9	11.6	rgb: N – O									
	14	30.1	49.5	36.2	36	34.0	58.1	42.7	36	3.9	8.6	6.5	10.8	11.5										
	15	31.8	53.3	39.0	36	35.1	60.5	44.7	36	3.4	7.2	5.7	9.2	9.8	Mean CIELAB difference (17 steps)									
	16	33.4	57.1	41.8	36	35.2	60.7	44.7	36	1.7	3.6	2.9	4.6	4.9	$\Delta H^*_{CIELAB} = 4.4$									
O	17	35.1	60.9	44.6	36	35.1	60.9	44.6	36	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 4.6$									
N	18	8.3	0.1	-0.1	297	8.3	0.1	-0.1	297	0.0	0.0	0.0	0.0	0.0										
	19	15.0	15.3	11.0	36	14.9	17.1	10.2	31	-0.1	1.8	-0.7	2.0	2.0										
	20	21.7	30.5	22.2	36	22.4	34.9	23.0	33	0.7	4.4	0.8	4.5	4.5	Mean CIELAB difference (5 steps)									
	21	28.4	45.7	33.4	36	32.3	54.6	39.7	36	3.9	8.9	6.3	10.9	11.6	$\Delta H^*_{CIELAB} = 3.5$									
O	22	35.1	60.9	44.6	36	35.1	60.9	44.6	36	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 3.6$									
Mean colour reproduction index:															$R^*_{ab,m} = 80$									

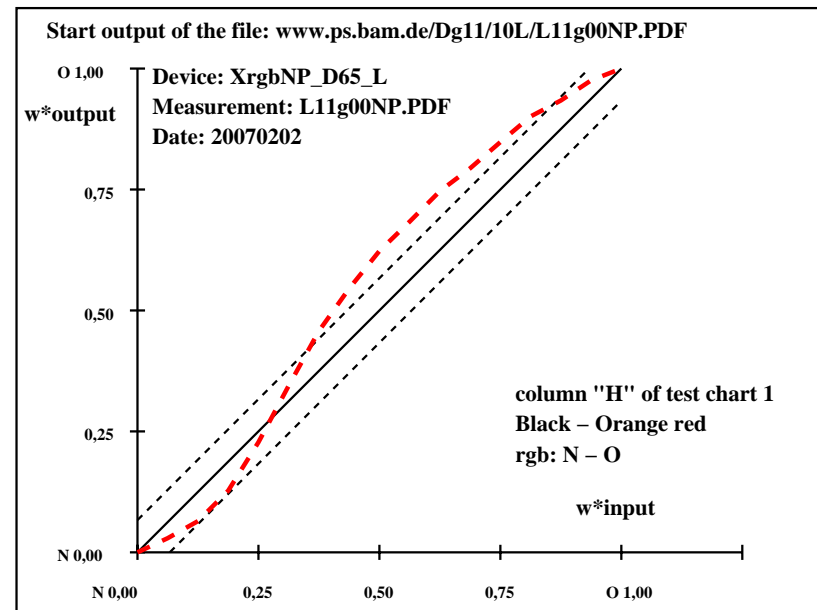
IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1															
N	1	22.0	0.0	0.0	0	22.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	Specification according to									
	2	23.5	3.8	2.4	32	21.6	2.1	-0.4	347	-1.9	-1.6	-2.8	3.3	3.9	ISO/IEC 15775:1999 Annex G									
	3	25.1	7.6	4.7	32	21.6	4.8	0.7	8	-3.3	-2.7	-3.9	4.9	6.0	and DIN 33866-1:2000 Annex G									
	4	26.6	11.3	7.1	32	23.6	8.5	4.2	26	-2.9	-2.7	-2.8	4.1	5.1	relative CIELAB data used for "out"									
	5	28.1	15.1	9.5	32	26.4	13.3	9.9	37	-1.6	-1.7	0.4	1.9	2.5	$\Delta L^* = 46.32 - 22.02$									
	6	29.6	18.9	11.8	32	30.4	16.7	18.0	47	0.8	-2.1	6.2	6.6	6.6	Regularity									
	7	31.1	22.7	14.2	32	33.1	22.8	23.4	46	1.9	0.1	9.2	9.2	9.4	$g^* = 44.0$									
	8	32.7	26.5	16.5	32	34.7	28.2	27.1	44	2.0	1.7	10.6	10.7	10.9										
	9	34.2	30.3	18.9	32	36.4	33.4	29.7	42	2.2	3.2	10.8	11.3	11.5	Lightness gamut relative to offset									
	10	35.7	34.0	21.3	32	37.5	37.3	32.0	41	1.8	3.3	10.7	11.2	11.4	$f^* = 31.4$									
	11	37.2	37.8	23.6	32	38.7	41.6	34.0	39	1.5	3.8	10.4	11.0	11.1										
	12	38.7	41.6	26.0	32	39.9	44.7	35.5	38	1.2	3.1	9.5	10.0	10.1	Black – Orange red									
	13	40.2	45.4	28.4	32	41.4	48.6	36.7	37	1.2	3.2	8.4	9.0	9.0	rgb: N – O									
	14	41.8	49.2	30.7	32	42.9	52.1	38.2	36	1.2	2.9	7.5	8.0	8.1										
	15	43.3	52.9	33.1	32	44.3	54.9	38.0	35	1.0	2.0	4.9	5.3	5.4	Mean CIELAB difference (17 steps)									
	O	16	44.8	56.7	35.4	32	45.6	58.3	38.1	33	0.8	1.6	2.7	3.1	3.2	$\Delta H^*_{CIELAB} = 6.4$								
17		46.3	60.5	37.8	32	46.3	60.5	37.8	32	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 6.7$									
18		22.0	0.0	0.0	0	22.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0										
19		28.1	15.1	9.5	32	26.4	13.3	9.9	37	-1.6	-1.7	0.4	1.9	2.5										
N	20	34.2	30.3	18.9	32	36.4	33.4	29.7	42	2.2	3.2	10.8	11.3	11.5	Mean CIELAB difference (5 steps)									
	21	40.2	45.4	28.4	32	41.4	48.6	36.7	37	1.2	3.2	8.4	9.0	9.0	$\Delta H^*_{CIELAB} = 4.4$									
	22	46.3	60.5	37.8	32	46.3	60.5	37.8	32	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 4.6$									
O	Mean colour reproduction index: $R^*_{ab,m} = 71$																							

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IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

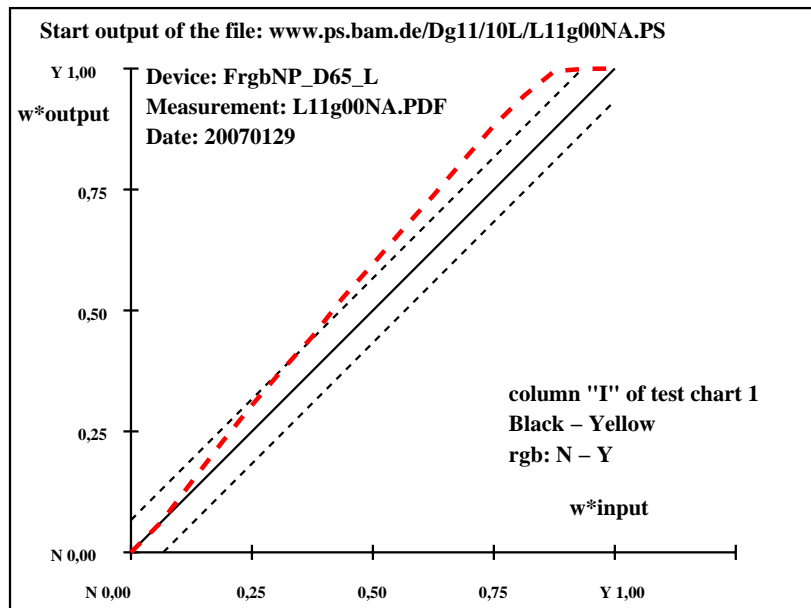


T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1	
Specification according to										ISO/IEC 15775:1999 Annex G
and DIN 33866-1:2000 Annex G										relative CIELAB data used for "out"
1	8.5	0.0	0.0	0	8.5	0.0	0.0	0.0	0.0	$\Delta L^* = 84.07 - 8.52$
2	13.2	-0.2	6.9	92	13.2	-2.5	6.5	112	0.0	Regularity
3	18.0	-0.4	13.9	92	19.3	-6.1	15.0	112	1.3	$g^* = 37.7$
4	22.7	-0.7	20.8	92	25.2	-9.1	23.7	111	2.6	Lightness gamut relative to offset
5	27.4	-0.9	27.7	92	31.5	-11.0	31.9	109	4.1	$f^* = 97.6$
6	32.1	-1.2	34.7	92	37.0	-11.8	40.1	107	4.9	Black - Yellow
7	36.9	-1.4	41.6	92	42.2	-12.9	47.8	105	5.3	rgb: N - Y
8	41.6	-1.7	48.5	92	48.4	-14.0	56.5	104	6.9	Mean CIELAB difference (17 steps)
9	46.3	-1.9	55.5	92	53.8	-14.5	64.3	103	7.5	$\Delta H^*_{CIELAB} = 10.5$
10	51.0	-2.2	62.4	92	59.1	-14.2	72.7	101	8.1	$\Delta E^*_{CIELAB} = 12.0$
11	55.7	-2.4	69.3	92	64.6	-12.7	80.6	99	8.9	Mean CIELAB difference (5 steps)
12	60.5	-2.7	76.2	92	70.0	-10.3	89.2	97	9.5	$\Delta H^*_{CIELAB} = 8.2$
13	65.2	-2.9	83.2	92	75.4	-7.4	97.4	94	10.2	$\Delta E^*_{CIELAB} = 9.4$
14	69.9	-3.2	90.1	92	80.0	-5.4	104.5	93	10.1	Mean colour reproduction index: $R^*_{ab,m} = 48$
15	74.6	-3.4	97.0	92	83.6	-4.4	110.3	92	9.0	
16	79.3	-3.7	104.0	92	83.9	-4.0	110.9	92	4.6	
Y 17	84.1	-3.9	110.9	92	84.1	-3.9	110.9	92	0.0	
N 18	8.5	0.0	0.0	0	8.5	0.0	0.0	0	0.0	
19	27.4	-0.9	27.7	92	31.5	-11.0	31.9	109	4.1	
20	46.3	-1.9	55.5	92	53.8	-14.5	64.3	103	7.5	
21	65.2	-2.9	83.2	92	75.4	-7.4	97.4	94	10.2	
Y 22	84.1	-3.9	110.9	92	84.1	-3.9	110.9	92	0.0	

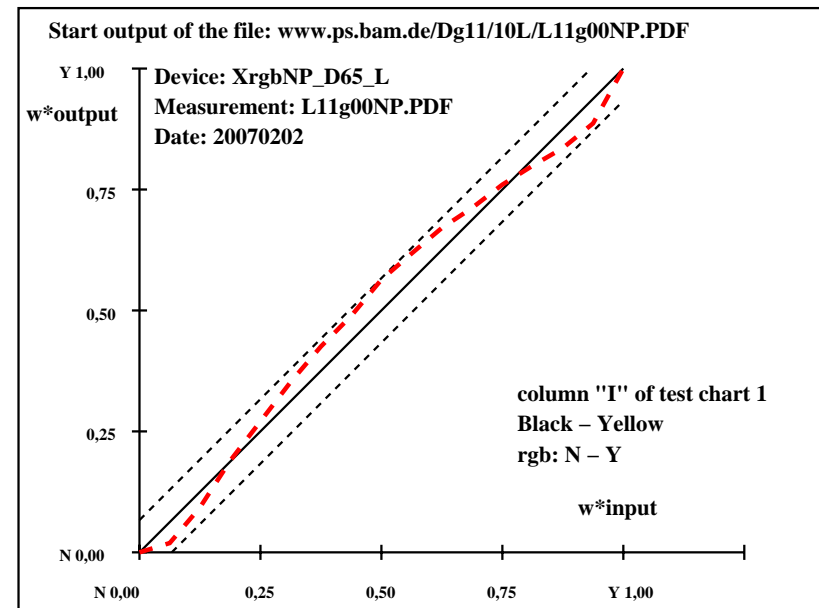
IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1	
Specification according to										ISO/IEC 15775:1999 Annex G
and DIN 33866-1:2000 Annex G										relative CIELAB data used for "out"
1	22.0	0.0	0.0	0	22.0	0.0	0.0	0	0.0	$\Delta L^* = 90.87 - 21.96$
2	26.3	-1.0	7.0	99	22.2	-0.7	2.4	108	-4.0	Regularity
3	30.6	-2.1	14.0	99	26.2	-3.4	11.0	108	-4.3	$g^* = 70.1$
4	34.9	-3.1	20.9	99	32.4	-5.1	22.2	103	-2.4	Lightness gamut relative to offset
5	39.2	-4.2	27.9	99	38.0	-6.9	31.3	103	-1.1	$f^* = 89.0$
6	43.5	-5.3	34.9	99	43.4	-8.6	40.5	102	0.0	Black - Yellow
7	47.8	-6.4	41.9	99	48.4	-9.6	48.8	101	0.6	rgb: N - Y
8	52.1	-7.4	48.9	99	53.3	-10.5	55.6	101	1.2	Mean CIELAB difference (17 steps)
9	56.4	-8.5	55.9	99	58.7	-11.6	63.9	100	2.3	$\Delta H^*_{CIELAB} = 4.5$
10	60.7	-9.6	62.8	99	62.6	-12.3	69.9	100	1.8	$\Delta E^*_{CIELAB} = 5.0$
11	65.0	-10.7	69.8	99	66.5	-12.9	75.7	100	1.4	Mean CIELAB difference (5 steps)
12	69.3	-11.7	76.8	99	69.6	-14.0	80.1	100	0.2	$\Delta H^*_{CIELAB} = 3.0$
13	73.6	-12.8	83.8	99	73.2	-14.2	85.4	100	-0.4	$\Delta E^*_{CIELAB} = 3.1$
14	77.9	-13.9	90.8	99	76.2	-14.7	89.6	99	-1.6	Mean colour reproduction index: $R^*_{ab,m} = 79$
15	82.3	-15.0	97.7	99	79.0	-15.4	93.5	99	-3.1	
16	86.6	-16.0	104.7	99	82.7	-15.7	99.2	99	-3.8	
Y 17	90.9	-17.1	111.7	99	90.9	-17.1	111.7	99	0.0	
N 18	22.0	0.0	0.0	0	22.0	0.0	0.0	0	0.0	
19	39.2	-4.2	27.9	99	38.0	-6.9	31.3	103	-1.1	
20	56.4	-8.5	55.9	99	58.7	-11.6	63.9	100	2.3	
21	73.6	-12.8	83.8	99	73.2	-14.2	85.4	100	-0.4	
Y 22	90.9	-17.1	111.7	99	90.9	-17.1	111.7	99	0.0	

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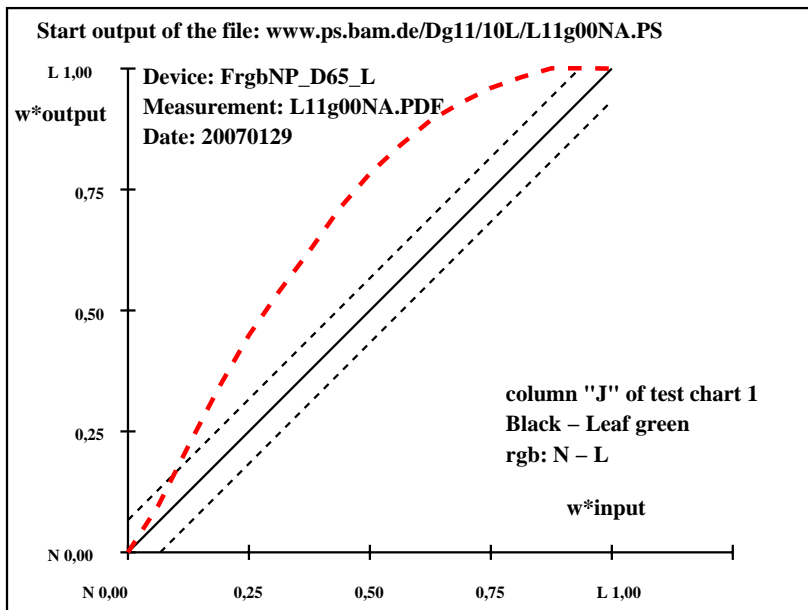
IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1														
N	1	8.5	0.1	0.0	315	8.5	0.1	0.0	315	0.0	0.0	0.0	0.0	0.0	Specification according to								
	2	10.7	-3.7	2.9	142	11.7	-6.3	4.0	148	1.0	-2.5	1.1	2.8	3.0	ISO/IEC 15775:1999 Annex G								
	3	12.9	-7.5	6.0	142	15.6	-14.5	9.6	147	2.7	-6.9	3.6	7.8	8.3	and DIN 33866-1:2000 Annex G								
	4	15.1	-11.4	9.0	142	19.8	-22.2	15.1	146	4.7	-10.7	6.1	12.4	13.3	relative CIELAB data used for "out"								
	5	17.3	-15.3	12.1	142	23.5	-29.2	20.1	146	6.2	-13.8	8.0	16.1	17.2	$\Delta L^* = 43.7 - 8.49$								
	6	19.5	-19.1	15.1	142	26.7	-34.8	24.6	145	7.2	-15.6	9.5	18.3	19.7	Regularity								
	7	21.7	-23.0	18.2	142	29.7	-39.9	28.7	144	8.0	-16.8	10.5	19.9	21.5	$g^* = 10.4$								
	8	23.9	-26.9	21.2	142	33.0	-45.0	33.4	143	9.1	-18.0	12.2	21.8	23.6	Lightness gamut relative to offset								
	9	26.1	-30.8	24.2	142	35.5	-49.3	37.1	143	9.4	-18.5	12.9	22.6	24.5									
	10	28.3	-34.6	27.3	142	37.7	-52.7	40.1	143	9.4	-18.0	12.8	22.2	24.1									
	11	30.5	-38.5	30.3	142	39.6	-55.6	42.9	142	9.1	-17.0	12.6	21.2	23.1	$f^* = 45.5$								
	12	32.7	-42.4	33.4	142	41.0	-57.7	44.8	142	8.3	-15.2	11.4	19.1	20.8	Black – Leaf green								
	13	34.9	-46.2	36.4	142	42.1	-59.5	46.4	142	7.2	-13.2	10.0	16.6	18.1									
	14	37.1	-50.1	39.5	142	43.0	-60.8	47.5	142	5.9	-10.6	8.0	13.4	14.6	rgb: N – L								
	15	39.3	-54.0	42.5	142	43.7	-61.7	48.7	142	4.4	-7.6	6.2	9.9	10.8	Mean CIELAB difference (17 steps)								
	16	41.5	-57.8	45.6	142	43.7	-61.6	48.8	142	2.2	-3.7	3.2	5.0	5.4									
	17	43.7	-61.7	48.6	142	43.7	-61.7	48.6	142	0.0	0.0	0.0	0.0	0.0	$\Delta H^*_{CIELAB} = 13.5$								
	18	8.5	0.1	0.0	315	8.5	0.1	0.0	315	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 14.6$								
N	19	17.3	-15.3	12.1	142	23.5	-29.2	20.1	146	6.2	-13.8	8.0	16.1	17.2	Mean CIELAB difference (5 steps)								
	20	26.1	-30.8	24.2	142	35.5	-49.3	37.1	143	9.4	-18.5	12.9	22.6	24.5									
	21	34.9	-46.2	36.4	142	42.1	-59.5	46.4	142	7.2	-13.2	10.0	16.6	18.1									
L	22	43.7	-61.7	48.6	142	43.7	-61.7	48.6	142	0.0	0.0	0.0	0.0	0.0	$\Delta H^*_{CIELAB} = 11.0$								
															$\Delta E^*_{CIELAB} = 12.0$								
Mean colour reproduction index:										$R^*_{ab,m} = 36$													

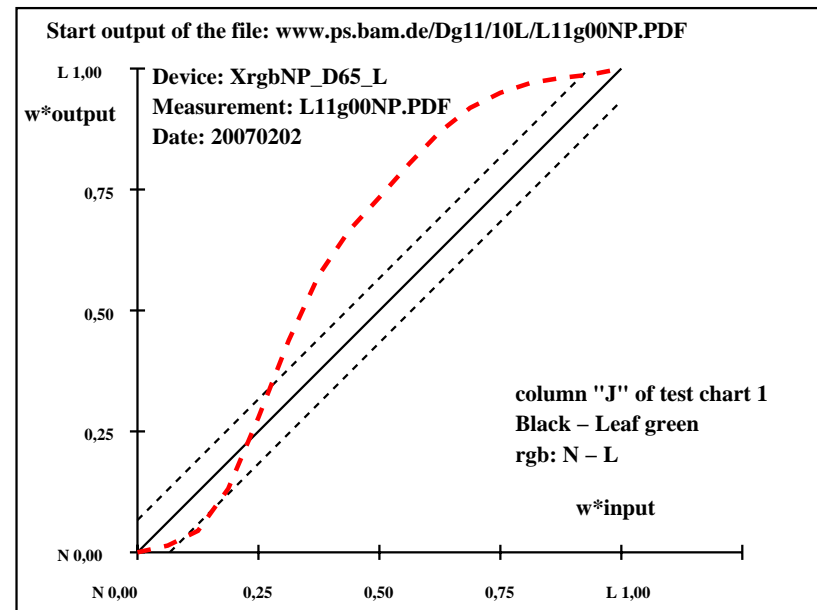
IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1												
N	1	21.9	0.0	0.0	0	21.9	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	Specification according to						
	2	23.4	-4.1	2.3	152	21.3	-0.8	-0.2	198	-2.0	3.3	-2.5	4.2	4.7	ISO/IEC 15775:1999 Annex G						
	3	24.9	-8.3	4.5	152	22.1	-3.4	0.6	170	-2.7	4.9	-3.8	6.3	6.9	and DIN 33866-1:2000 Annex G						
	4	26.4	-12.5	6.8	152	24.8	-8.5	5.3	148	-1.5	4.0	-1.3	4.3	4.5	relative CIELAB data used for "out"						
	5	27.9	-16.7	9.0	152	28.7	-17.2	12.3	145	0.8	-0.4	3.3	3.3	3.4	$\Delta L^* = 46.01 - 21.91$						
	6	29.4	-20.9	11.3	152	31.5	-28.3	18.1	147	2.0	-7.3	6.9	10.1	10.3	Regularity						
	7	30.9	-25.1	13.5	152	34.6	-37.9	22.3	150	3.6	-12.7	8.8	15.5	16.0	$g^* = 27.7$						
	8	32.5	-29.3	15.8	152	36.1	-45.1	24.2	152	3.7	-15.7	8.5	17.9	18.3	Lightness gamut relative to offset						
	9	34.0	-33.5	18.0	152	38.2	-49.8	26.2	152	4.3	-16.2	8.2	18.2	18.7							
	10	35.5	-37.7	20.3	152	40.1	-54.6	28.5	152	4.6	-16.8	8.3	18.8	19.4							
	11	37.0	-41.9	22.5	152	41.8	-59.0	30.7	153	4.8	-17.0	8.2	19.0	19.6	Black – Leaf green						
	12	38.5	-46.1	24.8	152	42.6	-62.8	31.8	153	4.1	-16.6	7.0	18.1	18.6							
	13	40.0	-50.3	27.0	152	43.4	-64.9	32.9	153	3.4	-14.5	5.9	15.7	16.1	rgb: N – L						
	14	41.5	-54.5	29.3	152	44.0	-66.5	33.1	154	2.5	-11.9	3.8	12.6	12.8	Mean CIELAB difference (17 steps)						
	15	43.0	-58.7	31.5	152	44.3	-67.0	33.8	153	1.3	-8.2	2.3	8.6	8.7							
	16	44.5	-62.9	33.8	152	45.1	-67.1	34.4	153	0.6	-4.1	0.7	4.3	4.3	$\Delta H^*_{CIELAB} = 10.4$						
L	17	46.0	-67.1	36.0	152	46.0	-67.1	36.0	152	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 10.7$						
N	18	21.9	0.0	0.0	0	21.9	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	Mean CIELAB difference (5 steps)						
	19	27.9	-16.7	9.0	152	28.7	-17.2	12.3	145	0.8	-0.4	3.3	3.3	3.4							
	20	34.0	-33.5	18.0	152	38.2	-49.8	26.2	152	4.3	-16.2	8.2	18.2	18.7							
L	21	40.0	-50.3	27.0	152	43.4	-64.9	32.9	153	3.4	-14.5	5.9	15.7	16.1	$\Delta H^*_{CIELAB} = 7.5$						
	22	46.0	-67.1	36.0	152	46.0	-67.1	36.0	152	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 7.7$						
Mean colour reproduction index:										$R^*_{ab,m} = 54$											

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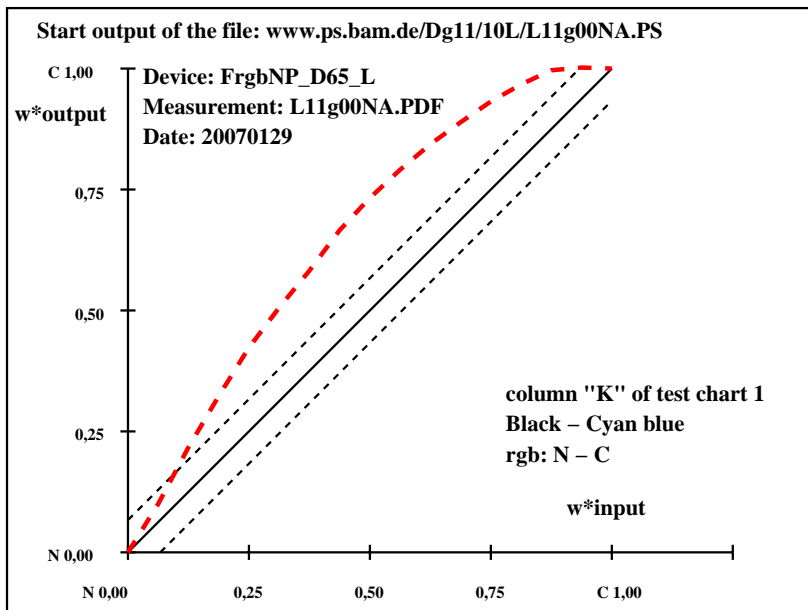
IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1										
N	1	8.8	0.1	0.0	315	8.8	0.1	0.0	315	0.0	0.0	0.0	0.0	0.0	Specification according to				
	2	11.6	-1.6	-2.0	230	12.3	-2.8	-4.2	236	0.7	-1.1	-2.1	2.5	2.6	ISO/IEC 15775:1999 Annex G				
	3	14.4	-3.4	-4.0	229	17.2	-7.3	-7.4	225	2.8	-3.8	-3.3	5.2	5.9	and DIN 33866-1:2000 Annex G				
	4	17.2	-5.3	-5.9	228	21.8	-12.4	-8.6	215	4.6	-7.0	-2.6	7.6	8.9	relative CIELAB data used for "out"				
	5	20.0	-7.1	-7.9	228	26.6	-15.9	-10.8	214	6.5	-8.7	-2.8	9.3	11.4	$\Delta L^* = 53.56 - 8.82$				
	6	22.8	-8.9	-9.9	228	30.0	-20.0	-11.4	210	7.2	-11.0	-1.4	11.2	13.3	Regularity				
	7	25.6	-10.7	-11.9	228	33.5	-22.9	-12.8	209	7.9	-12.1	-0.8	12.2	14.5	$g^* = 18.1$				
	8	28.4	-12.5	-13.9	228	37.3	-26.2	-14.1	208	8.9	-13.6	-0.1	13.7	16.3	Lightness gamut relative to offset				
	9	31.2	-14.4	-15.9	228	40.5	-28.1	-16.2	210	9.3	-13.7	-0.2	13.8	16.6					
	10	34.0	-16.2	-17.8	228	43.4	-29.2	-18.7	213	9.4	-12.9	-0.8	13.1	16.1					
	11	36.8	-18.0	-19.8	228	46.1	-29.5	-21.7	216	9.3	-11.4	-1.8	11.7	14.9	$f^* = 57.8$				
	12	39.6	-19.8	-21.8	228	48.4	-29.5	-24.5	220	8.8	-9.6	-2.6	10.1	13.4	Black – Cyan blue				
	13	42.4	-21.6	-23.8	228	50.4	-29.4	-27.3	223	8.0	-7.7	-3.4	8.5	11.7					
	14	45.2	-23.4	-25.8	228	52.1	-29.6	-29.1	225	6.9	-6.1	-3.2	7.0	9.8	rgb: N – C				
	15	48.0	-25.3	-27.7	228	53.4	-29.8	-30.6	226	5.5	-4.4	-2.8	5.4	7.7	Mean CIELAB difference (17 steps)				
	16	50.8	-27.1	-29.7	228	53.7	-29.0	-31.6	227	3.0	-1.8	-1.8	2.7	4.0	$\Delta H^*_{CIELAB} = 7.9$				
C	17	53.6	-28.9	-31.7	228	53.6	-28.9	-31.7	228	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 9.8$				
N	18	8.8	0.1	0.0	315	8.8	0.1	0.0	315	0.0	0.0	0.0	0.0	0.0	Mean CIELAB difference (5 steps)				
	19	20.0	-7.1	-7.9	228	26.6	-15.9	-10.8	214	6.5	-8.7	-2.8	9.3	11.4					
	20	31.2	-14.4	-15.9	228	40.5	-28.1	-16.2	210	9.3	-13.7	-0.2	13.8	16.6					
	21	42.4	-21.6	-23.8	228	50.4	-29.4	-27.3	223	8.0	-7.7	-3.4	8.5	11.7					
C	22	53.6	-28.9	-31.7	228	53.6	-28.9	-31.7	228	0.0	0.0	0.0	0.0	0.0	$\Delta H^*_{CIELAB} = 6.3$				
															$\Delta E^*_{CIELAB} = 7.9$				
Mean colour reproduction index:										$R^*_{ab,m} = 57$									

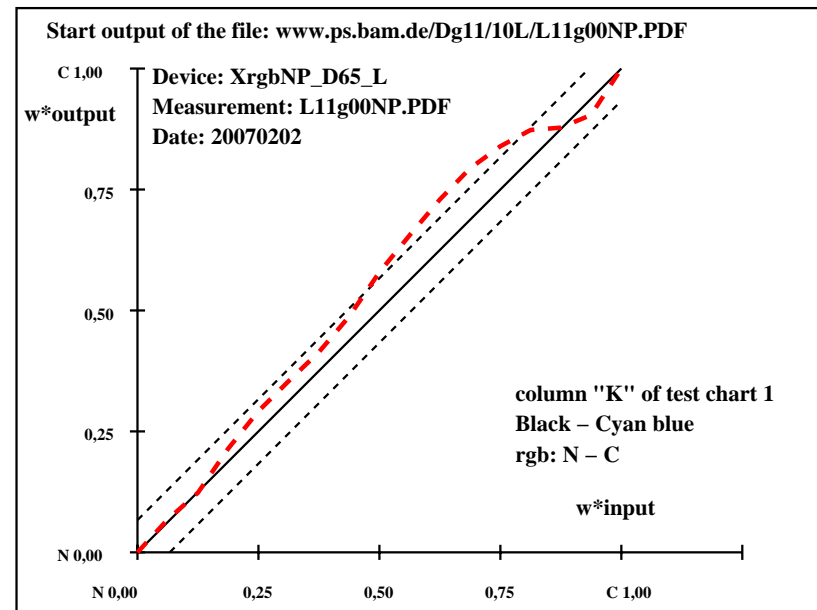
IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1										
N	1	20.7	0.0	-0.2	252	20.7	0.0	-0.2	252	0.0	0.0	0.0	0.0	0.0	Specification according to				
	2	22.5	-0.9	-3.5	254	20.3	-1.1	-4.3	255	-2.2	-0.1	-0.7	0.8	2.4	ISO/IEC 15775:1999 Annex G				
	3	24.4	-1.9	-6.8	254	20.6	-1.8	-7.7	256	-3.8	0.1	-0.8	0.9	4.0	and DIN 33866-1:2000 Annex G				
	4	26.3	-2.8	-10.1	254	22.7	-3.8	-12.9	253	-3.5	-0.9	-2.7	3.0	4.7	relative CIELAB data used for "out"				
	5	28.2	-3.8	-13.4	254	26.0	-6.8	-16.3	247	-2.1	-3.0	-2.8	4.2	4.8	$\Delta L^* = 50.86 - 20.66$				
	6	30.1	-4.7	-16.7	254	27.8	-10.9	-18.1	239	-2.2	-6.1	-1.3	6.4	6.8	Regularity				
	7	32.0	-5.6	-20.0	254	30.1	-15.0	-19.1	232	-1.8	-9.3	0.9	9.4	9.6	$g^* = 38.2$				
	8	33.9	-6.6	-23.3	254	32.7	-17.1	-22.4	233	-1.1	-10.4	0.9	10.6	10.6					
	9	35.8	-7.5	-26.6	254	36.5	-19.8	-26.1	233	0.7	-12.2	0.4	12.3	12.3	Lightness gamut relative to offset				
	10	37.6	-8.4	-29.8	254	39.6	-21.8	-29.3	233	2.0	-13.3	0.5	13.4	13.5	$f^* = 39.0$				
	11	39.5	-9.4	-33.1	254	42.6	-22.9	-33.0	235	3.1	-13.4	0.1	13.5	13.9					
	12	41.4	-10.3	-36.4	254	45.4	-24.4	-35.7	236	4.0	-14.0	0.7	14.1	14.7	Black – Cyan blue				
	13	43.3	-11.3	-39.7	254	46.9	-24.6	-38.5	237	3.5	-13.3	1.2	13.4	13.9	rgb: N – C				
	14	45.2	-12.2	-43.0	254	48.3	-24.7	-40.3	238	3.1	-12.4	2.7	12.8	13.2					
	15	47.1	-13.1	-46.3	254	48.3	-23.6	-41.4	240	1.2	-10.4	4.9	11.6	11.6	Mean CIELAB difference (17 steps)				
	16	49.0	-14.1	-49.6	254	49.3	-22.8	-43.3	242	0.4	-8.6	6.3	10.8	10.8	$\Delta H^*_{CIELAB} = 8.1$				
C	17	50.9	-15.0	-52.9	254	50.9	-15.0	-52.9	254	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 8.6$				
N	18	20.7	0.0	-0.2	252	20.7	0.0	-0.2	252	0.0	0.0	0.0	0.0	0.0					
	19	28.2	-3.8	-13.4	254	26.0	-6.8	-16.3	247	-2.1	-3.0	-2.8	4.2	4.8					
	20	35.8	-7.5	-26.6	254	36.5	-19.8	-26.1	233	0.7	-12.2	0.4	12.3	12.3	Mean CIELAB difference (5 steps)				
	21	43.3	-11.3	-39.7	254	46.9	-24.6	-38.5	237	3.5	-13.3	1.2	13.4	13.9	$\Delta H^*_{CIELAB} = 6.0$				
C	22	50.9	-15.0	-52.9	254	50.9	-15.0	-52.9	254	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 6.2$				
Mean colour reproduction index:										$R^*_{ab,m} = 63$									

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IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



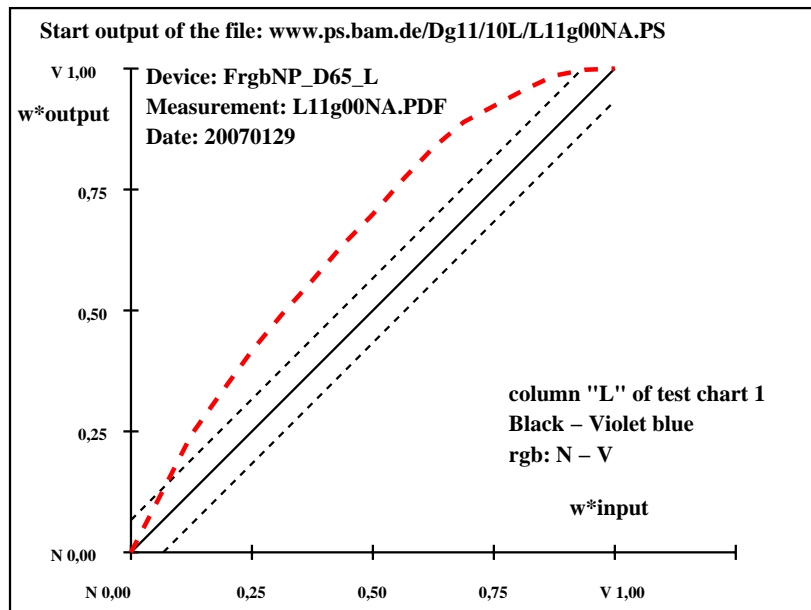
IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1	
Specification according to										ISO/IEC 15775:1999 Annex G
and DIN 33866-1:2000 Annex G										relative CIELAB data used for "out"
N	1	8.7	0.1	0.0	0	8.7	0.1	0.0	0	0.0
	2	9.1	3.4	-3.7	312	8.9	4.7	-8.5	299	-0.1
	3	9.4	6.7	-7.5	311	9.4	10.2	-16.7	301	0.0
	4	9.7	10.0	-11.3	311	9.7	14.6	-22.3	303	0.0
	5	10.0	13.3	-15.1	311	10.9	19.0	-27.6	304	0.9
	6	10.3	16.6	-18.9	311	10.5	23.1	-32.2	306	0.2
	7	10.7	19.9	-22.7	311	11.0	27.0	-36.3	307	0.3
	8	11.0	23.2	-26.5	311	11.4	31.2	-40.5	308	0.4
	9	11.3	26.5	-30.3	311	12.0	34.9	-44.1	308	0.7
	10	11.6	29.8	-34.0	311	12.3	39.2	-48.1	309	0.6
	11	11.9	33.1	-37.8	311	12.8	43.0	-51.8	310	0.9
	12	12.3	36.4	-41.6	311	13.3	46.1	-54.7	310	1.0
	13	12.6	39.7	-45.4	311	13.8	48.1	-56.5	310	1.2
	14	12.9	43.0	-49.2	311	14.0	50.1	-58.3	311	1.1
	15	13.2	46.3	-53.0	311	13.9	51.9	-59.9	311	0.7
	16	13.6	49.6	-56.8	311	13.9	52.7	-60.5	311	0.4
V	17	13.9	52.9	-60.6	311	13.9	52.9	-60.6	311	0.0
N	18	8.7	0.1	0.0	0	8.7	0.1	0.0	0	0.0
	19	10.0	13.3	-15.1	311	10.9	19.0	-27.6	304	0.9
	20	11.3	26.5	-30.3	311	12.0	34.9	-44.1	308	0.7
	21	12.6	39.7	-45.4	311	13.8	48.1	-56.5	310	1.2
V	22	13.9	52.9	-60.6	311	13.9	52.9	-60.6	311	0.0
Mean colour reproduction index: $R^*_{ab,m} = 50$										

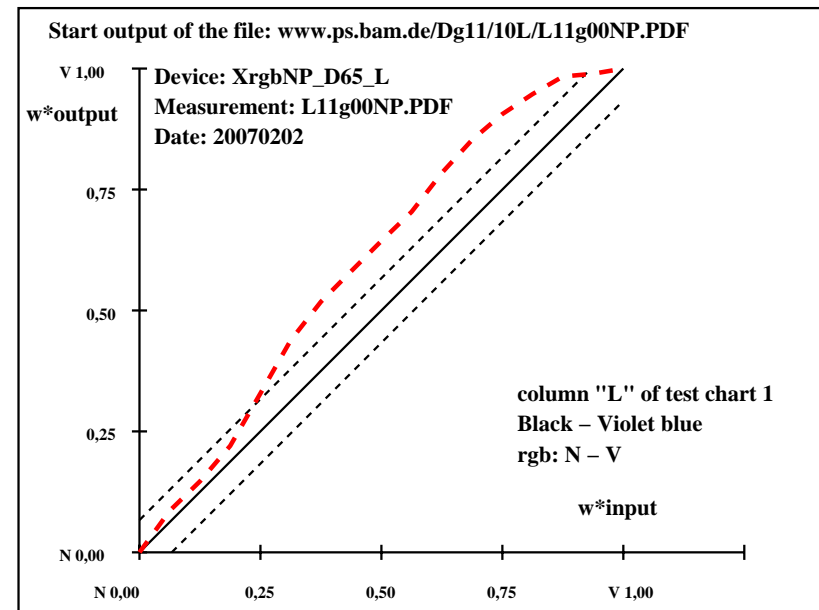
IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1	
Specification according to										ISO/IEC 15775:1999 Annex G
and DIN 33866-1:2000 Annex G										relative CIELAB data used for "out"
N	1	20.4	0.0	-0.2	252	20.4	0.0	-0.2	252	0.0
	2	21.5	0.0	-3.3	270	19.5	-0.4	-4.6	264	-1.9
	3	22.7	0.1	-6.3	271	19.3	-0.4	-7.8	266	-3.3
	4	23.8	0.1	-9.4	271	20.1	-0.8	-11.7	266	-3.6
	5	25.0	0.2	-12.5	271	22.1	-1.1	-17.3	266	-2.8
	6	26.1	0.3	-15.5	271	24.3	-0.7	-22.8	268	-1.7
	7	27.3	0.4	-18.6	271	25.7	0.2	-26.8	270	-1.5
	8	28.4	0.5	-21.6	271	27.0	0.9	-29.9	272	-1.4
	9	29.6	0.6	-24.7	271	27.9	1.8	-33.0	273	-1.5
	10	30.7	0.6	-27.8	271	29.2	2.7	-35.9	274	-1.5
	11	31.9	0.7	-30.8	271	31.0	3.8	-39.7	275	-0.8
	12	33.1	0.8	-33.9	271	32.7	4.4	-42.9	276	-0.3
	13	34.2	0.9	-37.0	271	33.8	5.2	-45.4	277	-0.3
	14	35.4	1.0	-40.0	271	35.0	5.3	-47.3	276	-0.3
	15	36.5	1.0	-43.1	271	36.6	4.2	-48.9	275	0.1
	16	37.7	1.1	-46.1	271	37.2	3.3	-49.1	274	-0.4
V	17	38.8	1.2	-49.2	271	38.8	1.2	-49.2	271	0.0
N	18	20.4	0.0	-0.2	252	20.4	0.0	-0.2	252	0.0
	19	25.0	0.2	-12.5	271	22.1	-1.1	-17.3	266	-2.8
	20	29.6	0.6	-24.7	271	27.9	1.8	-33.0	273	-1.5
	21	34.2	0.9	-37.0	271	33.8	5.2	-45.4	277	-0.3
V	22	38.8	1.2	-49.2	271	38.8	1.2	-49.2	271	0.0
Mean colour reproduction index: $R^*_{ab,m} = 73$										

IE471-3N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202



IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	
N	1	8.9	0.0	0.2	90	8.9	0.0	0.2	90
	2	10.7	5.0	-1.9	338	10.6	8.1	-6.4	321
	3	12.6	10.0	-4.1	337	12.8	16.4	-12.6	322
	4	14.4	14.9	-6.2	337	15.1	23.4	-16.7	324
	5	16.2	19.9	-8.4	337	17.6	30.4	-20.9	325
	6	18.1	24.9	-10.6	337	19.6	36.3	-23.0	328
	7	19.9	29.9	-12.8	337	21.6	41.9	-25.9	328
	8	21.7	34.9	-14.9	337	23.8	47.6	-28.4	329
	9	23.6	39.9	-17.1	337	25.9	52.8	-30.6	330
	10	25.4	44.8	-19.3	337	28.2	58.5	-33.0	330
	11	27.2	49.8	-21.5	337	30.5	63.6	-34.3	332
	12	29.1	54.8	-23.6	337	33.0	68.5	-35.1	333
	13	30.9	59.8	-25.8	337	35.5	72.8	-34.8	334
	14	32.7	64.8	-28.0	337	37.0	76.4	-34.6	336
	15	34.6	69.7	-30.1	337	38.2	78.7	-34.3	336
	16	36.4	74.7	-32.3	337	38.3	79.5	-34.6	336
M	17	38.2	79.7	-34.5	337	38.2	79.7	-34.5	337
N	18	8.9	0.0	0.2	90	8.9	0.0	0.2	90
	19	16.2	19.9	-8.4	337	17.6	30.4	-20.9	325
	20	23.6	39.9	-17.1	337	25.9	52.8	-30.6	330
	21	30.9	59.8	-25.8	337	35.5	72.8	-34.8	334
M	22	38.2	79.7	-34.5	337	38.2	79.7	-34.5	337

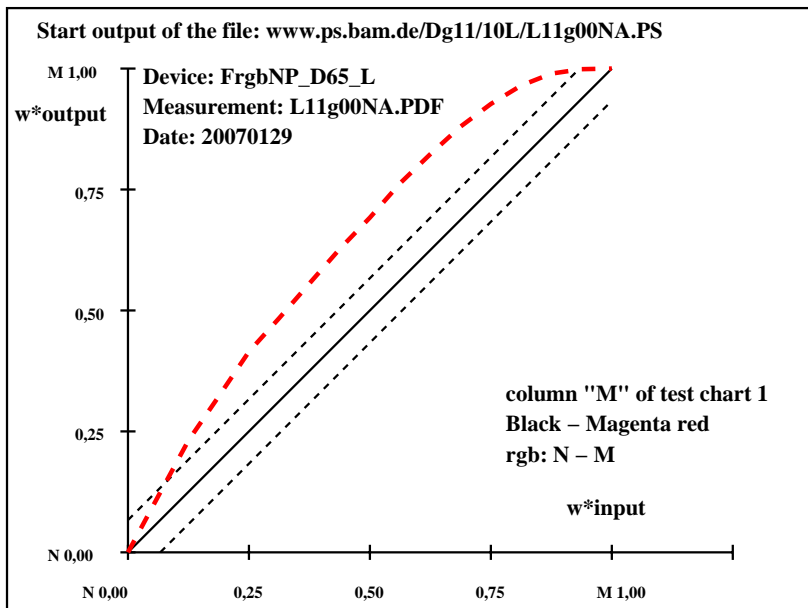
**Start output S1**  
**Specification according to**  
**ISO/IEC 15775:1999 Annex G**  
**and DIN 33866-1:2000 Annex G**  
**relative CIELAB data used for "out"**  
 $\Delta L^* = 38.24 - 8.91$   
**Regularity**  
 $g^* = 29.3$   
**Lightness gamut relative to offset**  
 $f^* = 37.9$   
**Black – Magenta red**  
**rgb: N – M**  
**Mean CIELAB difference (17 steps)**  
 $\Delta H^*_{CIELAB} = 12.8$   
 $\Delta E^*_{CIELAB} = 13.1$   
**Mean CIELAB difference (5 steps)**  
 $\Delta H^*_{CIELAB} = 10.2$   
 $\Delta E^*_{CIELAB} = 10.3$   
**Mean colour reproduction index:**  $R^*_{ab,m} = 43$

IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

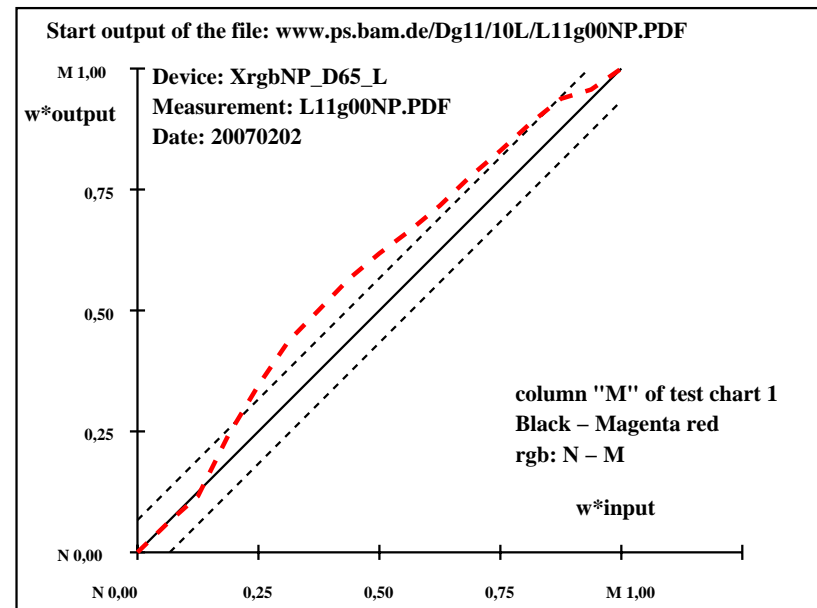
T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	
N	1	20.8	0.0	-0.2	252	20.8	0.0	-0.2	252
	2	22.3	4.4	-0.6	351	19.5	2.0	-4.1	295
	3	23.9	8.8	-1.0	353	19.9	6.6	-5.9	318
	4	25.5	13.3	-1.3	354	21.8	15.4	-10.0	327
	5	27.1	17.8	-1.7	354	23.7	22.3	-13.6	328
	6	28.7	22.2	-2.1	354	25.2	28.4	-16.7	329
	7	30.3	26.7	-2.5	355	27.0	32.9	-18.2	331
	8	31.9	31.1	-2.8	355	29.2	37.5	-19.3	333
	9	33.5	35.6	-3.2	355	30.7	41.7	-19.2	335
	10	35.1	40.1	-3.6	355	32.6	45.5	-18.5	338
	11	36.7	44.5	-4.0	355	34.8	49.9	-16.7	341
	12	38.2	49.0	-4.3	355	37.1	54.5	-15.7	344
	13	39.8	53.5	-4.7	355	39.3	58.9	-12.8	348
	14	41.4	57.9	-5.1	355	41.7	63.0	-11.6	349
	15	43.0	62.4	-5.5	355	43.6	66.7	-10.1	351
	16	44.6	66.8	-5.8	355	44.4	68.1	-9.1	352
M	17	46.2	71.3	-6.2	355	46.2	71.3	-6.2	355
N	18	20.8	0.0	-0.2	252	20.8	0.0	-0.2	252
	19	27.1	17.8	-1.7	354	23.7	22.3	-13.6	328
	20	33.5	35.6	-3.2	355	30.7	41.7	-19.2	335
	21	39.8	53.5	-4.7	355	39.3	58.9	-12.8	348
M	22	46.2	71.3	-6.2	355	46.2	71.3	-6.2	355

**Start output S1**  
**Specification according to**  
**ISO/IEC 15775:1999 Annex G**  
**and DIN 33866-1:2000 Annex G**  
**relative CIELAB data used for "out"**  
 $\Delta L^* = 46.19 - 20.76$   
**Regularity**  
 $g^* = 34.3$   
**Lightness gamut relative to offset**  
 $f^* = 32.9$   
**Black – Magenta red**  
**rgb: N – M**  
**Mean CIELAB difference (17 steps)**  
 $\Delta H^*_{CIELAB} = 10.0$   
 $\Delta E^*_{CIELAB} = 10.2$   
**Mean CIELAB difference (5 steps)**  
 $\Delta H^*_{CIELAB} = 7.9$   
 $\Delta E^*_{CIELAB} = 8.1$   
**Mean colour reproduction index:**  $R^*_{ab,m} = 55$

IE471-3N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202



IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

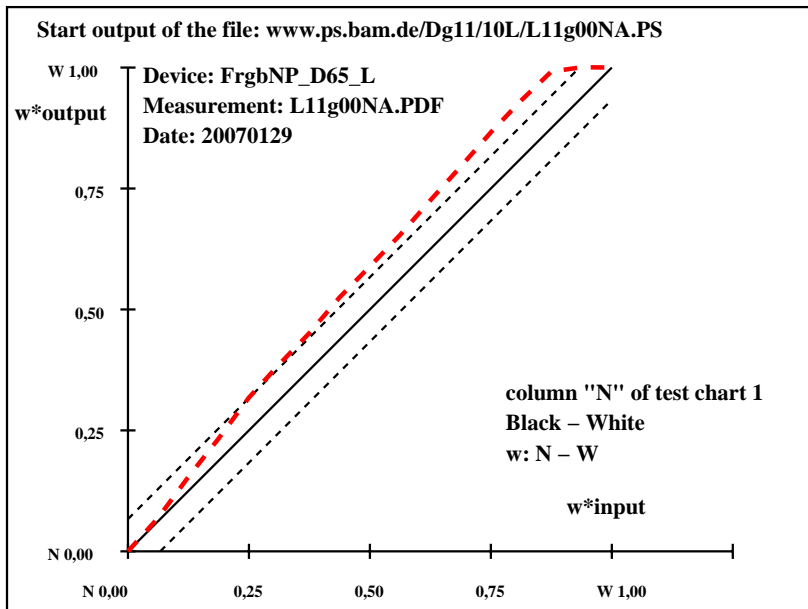


T	i	LAB*a,ref		hab,ref	LAB*a,out		hab,out	LAB*a,out/c-ref				$\Delta H^*$	$\Delta E^*$	Start output S1	
N	1	9.1	0.0	0.2	90	9.1	0.0	0.2	90	0.0	0.0	0.0	0.0	0.0	Specification according to
	2	14.4	0.0	0.2	90	14.6	0.3	-1.7	279	0.2	0.3	-1.9	2.0	2.0	ISO/IEC 15775:1999 Annex G
	3	19.6	0.0	0.2	90	21.7	-0.4	-2.7	260	2.1	-0.4	-2.9	3.0	3.7	and DIN 33866-1:2000 Annex G
	4	24.8	0.0	0.2	90	28.4	-1.8	-1.9	226	3.6	-1.8	-2.1	2.9	4.6	relative CIELAB data used for "out"
	5	30.0	0.0	0.2	90	35.5	-2.1	-2.3	227	5.5	-2.1	-2.5	3.4	6.4	$\Delta L^* = 92.81 - 9.12$
	6	35.3	0.0	0.1	90	41.3	-2.6	-0.4	190	6.1	-2.6	-0.5	2.8	6.7	Regularity
	7	40.5	0.0	0.1	90	46.8	-2.6	-0.7	197	6.3	-2.6	-0.8	2.9	6.9	$g^* = 42.5$
	8	45.7	0.0	0.1	90	52.9	-3.7	-0.2	185	7.2	-3.7	-0.3	3.8	8.1	
Z	9	51.0	0.0	0.1	90	58.3	-3.7	-0.8	193	7.3	-3.7	-0.9	3.9	8.3	Lightness gamut relative to offset
	10	56.2	0.0	0.1	90	63.8	-3.2	-1.2	202	7.6	-3.2	-1.3	3.6	8.4	$f^* = 108.1$
	11	61.4	0.0	0.1	90	69.8	-1.8	-1.5	220	8.4	-1.8	-1.6	2.5	8.7	
	12	66.7	0.0	0.1	90	75.6	-0.8	-1.6	242	9.0	-0.8	-1.7	2.0	9.2	Black – White
	13	71.9	0.0	0.1	90	81.6	0.0	-1.1	270	9.7	0.0	-1.2	1.3	9.8	W: N – W
	14	77.1	0.0	0.0	90	87.1	0.0	0.0	270	10.0	0.0	0.0	0.1	10.0	
	15	82.3	0.0	0.0	90	92.1	-0.6	1.1	122	9.8	-0.6	1.1	1.3	9.8	Mean CIELAB difference (17 steps)
	16	87.6	0.0	0.0	90	92.9	0.0	0.0	0	5.3	0.0	0.0	0.0	5.3	$\Delta H^*_{CIELAB} = 2.1$
W	17	92.8	0.0	0.0	0	92.8	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 6.3$
N	18	9.1	0.0	0.2	90	9.1	0.0	0.2	90	0.0	0.0	0.0	0.0	0.0	
	19	30.0	0.0	0.2	90	35.5	-2.1	-2.3	227	5.5	-2.1	-2.5	3.4	6.4	
Z	20	51.0	0.0	0.1	90	58.3	-3.7	-0.8	193	7.3	-3.7	-0.9	3.9	8.3	Mean CIELAB difference (5 steps)
	21	71.9	0.0	0.1	90	81.6	0.0	-1.1	270	9.7	0.0	-1.2	1.3	9.8	$\Delta H^*_{CIELAB} = 1.7$
W	22	92.8	0.0	0.0	0	92.8	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 4.9$
Mean colour reproduction index:														$R^*_{ab,m} = 72$	

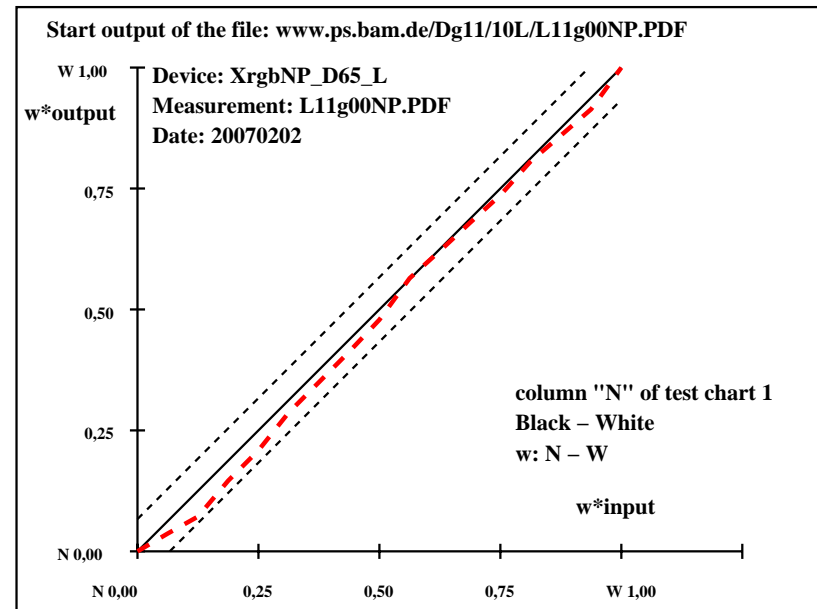
IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref		hab,ref	LAB*a,out		hab,out	LAB*a,out/c-ref				$\Delta H^*$	$\Delta E^*$	Start output S1	
N	1	21.3	0.0	-0.1	243	21.3	0.0	-0.1	243	0.0	0.0	0.0	0.0	0.0	Specification according to
	2	25.9	0.0	-0.1	242	24.0	0.0	0.0	270	-1.8	0.1	0.1	0.1	1.9	ISO/IEC 15775:1999 Annex G
	3	30.6	0.0	-0.1	240	26.6	0.0	0.0	0	-3.9	0.1	0.2	0.2	4.0	and DIN 33866-1:2000 Annex G
	4	35.2	0.0	-0.1	238	32.1	0.0	0.0	0	-3.0	0.1	0.2	0.2	3.1	relative CIELAB data used for "out"
	5	39.8	0.0	-0.1	236	36.8	0.0	0.1	90	-3.0	0.1	0.3	0.3	3.1	$\Delta L^* = 95.51 - 21.27$
	6	44.5	0.0	0.0	234	42.6	0.0	0.0	270	-1.8	0.1	0.0	0.1	1.9	Regularity
	7	49.1	0.0	0.0	231	47.2	0.0	0.0	0	-1.8	0.1	0.1	0.2	1.9	$g^* = 77.3$
	8	53.8	0.0	0.0	228	51.9	0.0	0.1	90	-1.8	0.1	0.2	0.2	1.9	
Z	9	58.4	0.0	0.0	225	56.8	0.0	0.3	108	-1.5	0.0	0.4	0.4	1.6	Lightness gamut relative to offset
	10	63.0	0.0	0.0	221	63.2	0.0	0.0	180	0.1	0.0	0.1	0.1	0.2	$f^* = 95.9$
	11	67.7	0.0	0.0	217	67.4	0.0	0.0	0	-0.2	0.1	0.1	0.1	0.3	
	12	72.3	0.0	0.0	212	71.7	0.0	0.3	90	-0.5	0.1	0.4	0.4	0.7	Black – White
	13	77.0	0.0	0.0	207	75.9	0.0	0.1	90	-0.9	0.1	0.2	0.2	1.0	w: N – W
	14	81.6	0.0	0.0	201	81.1	0.0	0.1	90	-0.4	0.1	0.1	0.2	0.5	
	15	86.2	0.0	0.0	194	85.1	0.0	0.1	90	-1.0	0.1	0.1	0.2	1.2	Mean CIELAB difference (17 steps)
	16	90.9	0.0	0.0	187	89.1	0.0	0.0	0	-1.7	0.1	0.0	0.1	1.8	$\Delta H^*_{CIELAB} = 0.2$
W	17	95.5	0.0	0.0	180	95.5	0.0	0.0	180	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 1.5$
	18	21.3	0.0	-0.1	243	21.3	0.0	-0.1	243	0.0	0.0	0.0	0.0	0.0	
Z	19	39.8	0.0	-0.1	236	36.8	0.0	0.1	90	-3.0	0.1	0.3	0.3	3.1	
	20	58.4	0.0	0.0	225	56.8	0.0	0.3	108	-1.5	0.0	0.4	0.4	1.6	Mean CIELAB difference (5 steps)
	21	77.0	0.0	0.0	207	75.9	0.0	0.1	90	-0.9	0.1	0.2	0.2	1.0	$\Delta H^*_{CIELAB} = 0.2$
W	22	95.5	0.0	0.0	180	95.5	0.0	0.0	180	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 1.1$
Mean colour reproduction index:														$R^*_{ab,m} = 94$	

IE471-3N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202



IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-refΔH*	ΔE*	Start output S1	
O	1	36.2	60.8	44.5	36	36.2	60.8	44.5	36
	2	39.0	52.7	38.9	36	40.5	57.8	37.0	33
	3	41.7	44.6	33.3	37	45.2	52.5	29.8	30
	4	44.4	36.5	27.7	37	48.6	44.3	24.8	29
	5	47.2	28.4	22.1	38	51.3	34.4	17.9	27
	6	49.9	20.2	16.5	39	52.7	24.0	13.8	30
	7	52.7	12.1	10.9	42	54.1	14.1	8.2	30
	8	55.4	4.0	5.3	53	56.4	4.0	4.0	45
Z	9	58.2	-4.0	-0.2	184	58.2	-4.0	-0.2	184
	10	57.6	-7.1	-4.1	210	60.1	-10.4	-5.2	207
	11	57.1	-10.3	-8.1	218	61.7	-15.9	-10.1	213
	12	56.6	-13.4	-12.0	222	63.1	-20.3	-14.9	216
	13	56.0	-16.5	-15.9	224	63.6	-24.4	-19.3	218
	14	55.5	-19.6	-19.8	225	63.1	-27.7	-23.3	220
	15	55.0	-22.8	-23.8	226	61.6	-29.8	-26.8	222
	16	54.5	-25.9	-27.7	227	58.1	-29.5	-29.7	225
C	17	53.9	-29.0	-31.6	227	53.9	-29.0	-31.6	227
O	18	36.2	60.8	44.5	36	36.2	60.8	44.5	36
	19	47.2	28.4	22.1	38	51.3	34.4	17.9	27
Z	20	58.2	-4.0	-0.2	184	58.2	-4.0	-0.2	184
	21	56.0	-16.5	-15.9	224	63.6	-24.4	-19.3	218
C	22	53.9	-29.0	-31.6	227	53.9	-29.0	-31.6	227

Mean CIELAB difference (17 steps)  
 $\Delta H^*_{CIELAB} = 5.0$   
 $\Delta E^*_{CIELAB} = 6.1$

Mean CIELAB difference (5 steps)  
 $\Delta H^*_{CIELAB} = 3.2$   
 $\Delta E^*_{CIELAB} = 4.0$

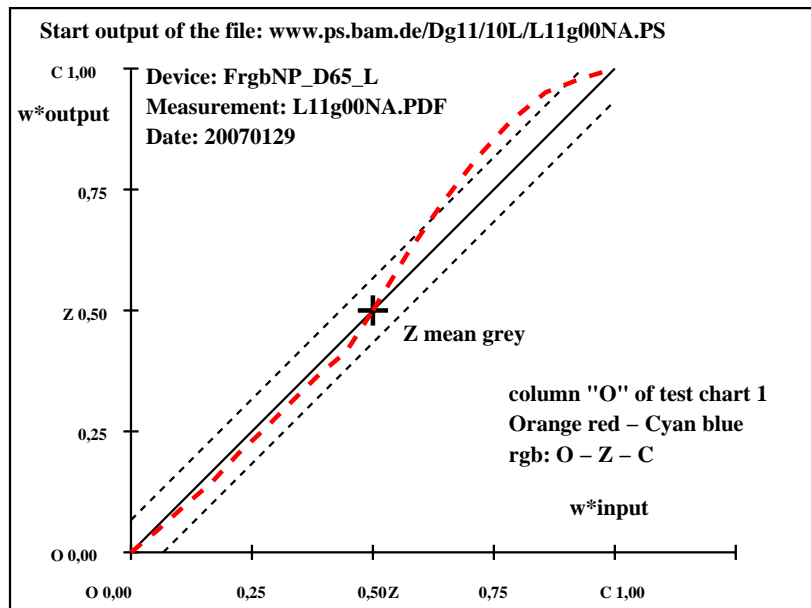
IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-refΔH*	ΔE*	Start output S1	
O	1	46.3	60.2	39.9	34	46.3	60.2	39.9	34
	2	47.8	52.7	34.9	34	45.8	58.4	36.2	32
	3	49.3	45.2	30.0	34	44.3	55.0	31.1	29
	4	50.8	37.6	25.0	34	43.6	50.4	23.8	25
	5	52.3	30.1	20.0	34	44.6	43.7	18.6	23
	6	53.8	22.6	15.0	34	46.1	32.9	13.8	23
	7	55.3	15.1	10.0	34	49.6	19.9	9.5	26
	8	56.8	7.5	5.1	34	55.4	7.8	2.8	20
Z	9	58.4	0.0	0.1	90	58.4	0.0	0.1	90
	10	57.3	-1.7	-6.5	255	57.3	-8.2	-8.0	224
	11	56.2	-3.4	-13.2	255	50.7	-15.3	-17.9	229
	12	55.1	-5.2	-19.9	255	47.3	-19.9	-26.5	233
	13	54.0	-7.0	-26.6	255	46.5	-22.0	-35.0	238
	14	52.9	-8.7	-33.3	255	48.0	-23.4	-40.1	240
	15	51.8	-10.5	-40.0	255	47.4	-20.5	-43.4	245
	16	50.7	-12.2	-46.7	255	47.9	-20.1	-45.0	246
C	17	49.6	-14.0	-53.4	255	49.6	-14.0	-53.4	255
O	18	46.3	60.2	39.9	34	46.3	60.2	39.9	34
	19	52.3	30.1	20.0	34	44.6	43.7	18.6	23
Z	20	58.4	0.0	0.1	90	58.4	0.0	0.1	90
	21	54.0	-7.0	-26.6	255	46.5	-22.0	-35.0	238
C	22	49.6	-14.0	-53.4	255	49.6	-14.0	-53.4	255

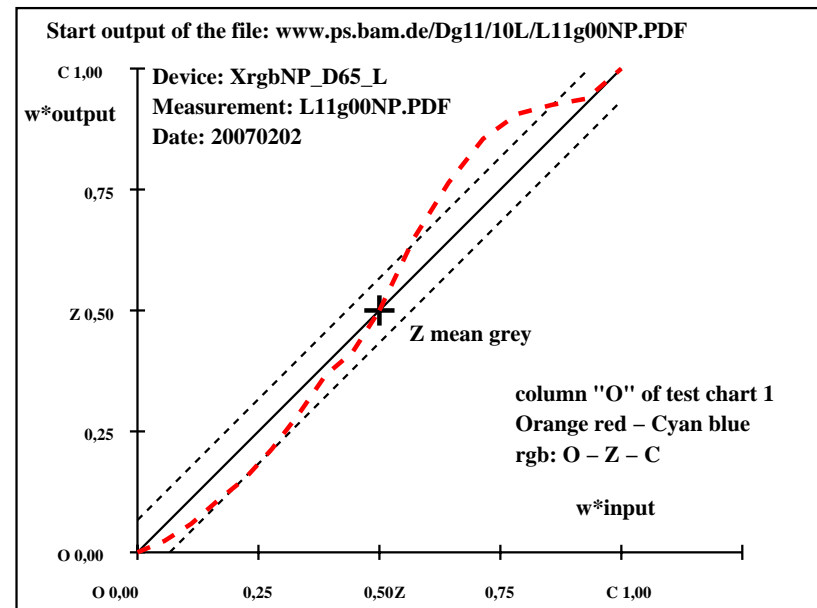
Mean CIELAB difference (17 steps)  
 $\Delta H^*_{CIELAB} = 8.7$   
 $\Delta E^*_{CIELAB} = 9.7$

Mean CIELAB difference (5 steps)  
 $\Delta H^*_{CIELAB} = 6.2$   
 $\Delta E^*_{CIELAB} = 6.9$

IE471-3N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202



IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	
Y	1	84.6	-3.8	110.3	92	84.6	-3.8	110.3	92
	2	81.3	-3.8	96.5	92	85.8	-5.7	98.3	93
	3	78.1	-3.8	82.6	93	86.5	-7.6	85.7	95
	4	74.8	-3.8	68.8	93	83.1	-8.8	71.0	97
	5	71.5	-3.8	54.9	94	78.6	-9.8	54.5	100
	6	68.2	-3.7	41.1	95	73.4	-10.4	41.2	104
	7	65.0	-3.7	27.2	98	68.5	-10.0	26.6	111
	8	61.7	-3.7	13.3	106	63.3	-7.9	12.7	122
Z	9	58.4	-3.7	-0.4	187	58.4	-3.7	-0.4	187
	10	52.9	3.2	-7.9	292	53.3	1.9	-13.0	278
	11	47.4	10.2	-15.4	303	48.4	9.6	-25.1	291
	12	41.9	17.2	-22.8	307	43.6	16.9	-35.1	296
	13	36.4	24.2	-30.3	309	38.5	24.2	-43.6	299
	14	30.9	31.2	-37.8	309	32.5	31.8	-50.7	302
	15	25.3	38.2	-45.3	310	26.2	39.7	-56.1	305
	16	19.8	45.2	-52.7	311	19.8	47.1	-59.4	308
V	17	14.3	52.2	-60.2	311	14.3	52.2	-60.2	311
Y	18	84.6	-3.8	110.3	92	84.6	-3.8	110.3	92
	19	71.5	-3.8	54.9	94	78.6	-9.8	54.5	100
Z	20	58.4	-3.7	-0.4	187	58.4	-3.7	-0.4	187
	21	36.4	24.2	-30.3	309	38.5	24.2	-43.6	299
V	22	14.3	52.2	-60.2	311	14.3	52.2	-60.2	311

**Start output S1**  
**Specification according to**  
**ISO/IEC 15775:1999 Annex G**  
**and DIN 33866-1:2000 Annex G**

**Regularity**  
 $g^* = 24.8$

**Yellow – Violett blue**  
**rgb: Y – Z – V**

**Mean CIELAB difference (17 steps)**  
 $\Delta H^*_{CIELAB} = 6.3$   
 $\Delta E^*_{CIELAB} = 7.4$

**Mean CIELAB difference (5 steps)**  
 $\Delta H^*_{CIELAB} = 3.9$   
 $\Delta E^*_{CIELAB} = 4.6$

IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	
Y	1	90.8	-16.9	112.2	99	90.8	-16.9	112.2	99
	2	86.7	-14.8	98.2	99	84.3	-15.2	101.7	99
	3	82.5	-12.7	84.1	99	81.2	-15.2	94.4	99
	4	78.3	-10.5	70.1	99	78.4	-14.6	84.6	100
	5	74.2	-8.4	56.1	99	75.0	-13.7	70.5	101
	6	70.0	-6.3	42.1	99	72.2	-11.7	52.0	103
	7	65.9	-4.2	28.1	99	68.1	-9.2	34.7	105
	8	61.7	-2.0	14.0	99	65.1	-5.6	18.7	107
Z	9	57.6	0.0	0.0	0	57.6	0.0	0.0	0
	10	55.1	0.2	-6.1	272	53.9	-0.1	-13.2	269
	11	52.7	0.4	-12.3	272	49.2	-1.6	-23.5	266
	12	50.3	0.6	-18.5	272	42.6	-0.2	-33.5	269
	13	47.9	0.8	-24.7	272	36.8	2.9	-41.4	274
	14	45.5	1.0	-30.9	272	34.5	5.3	-45.8	277
	15	43.1	1.2	-37.1	272	35.2	5.7	-48.2	277
	16	40.6	1.4	-43.3	272	36.5	4.2	-48.7	275
V	17	38.2	1.6	-49.5	272	38.2	1.6	-49.5	272
Y	18	90.8	-16.9	112.2	99	90.8	-16.9	112.2	99
	19	74.2	-8.4	56.1	99	75.0	-13.7	70.5	101
Z	20	57.6	0.0	0.0	0	57.6	0.0	0.0	0
	21	47.9	0.8	-24.7	272	36.8	2.9	-41.4	274
V	22	38.2	1.6	-49.5	272	38.2	1.6	-49.5	272

**Start output S1**  
**Specification according to**  
**ISO/IEC 15775:1999 Annex G**  
**and DIN 33866-1:2000 Annex G**

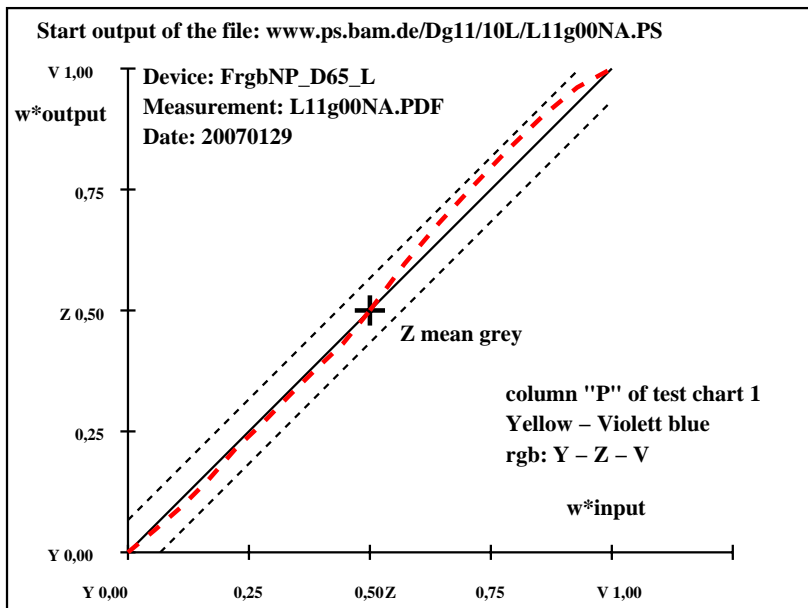
**Regularity**  
 $g^* = 6.9$

**Yellow – Violett blue**  
**rgb: Y – Z – V**

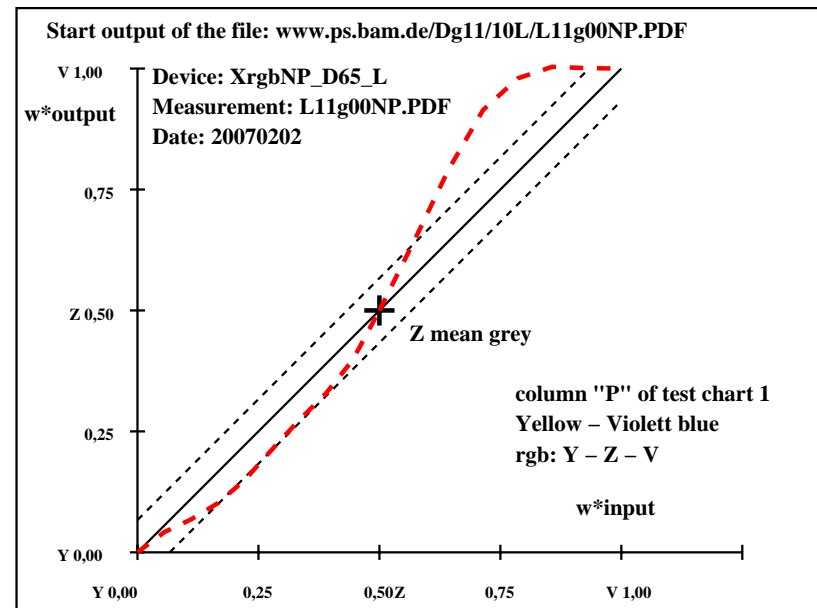
**Mean CIELAB difference (17 steps)**  
 $\Delta H^*_{CIELAB} = 9.1$   
 $\Delta E^*_{CIELAB} = 10.0$

**Mean CIELAB difference (5 steps)**  
 $\Delta H^*_{CIELAB} = 6.4$   
 $\Delta E^*_{CIELAB} = 7.1$

IE471-3N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202



IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

out	hab,out	LAB*a <sub>out</sub> /c-ref	ΔH* <sub>AE</sub>	Start output S1		
5	49.0	141	0.0	0.0	0.0	0.0
8	45.3	143	3.0	-5.4	2.5	6.0
7	40.4	145	5.9	-9.5	3.8	10.3

Regularity  
 $g^* = 6.8$

**Leaf green – Magenta red**  
**rgb: L – Z – M**

Mean CIELAB difference (17 steps)

$$\Delta H^*_{\text{CIELAB}} = 9.0$$
$$\Delta E^*_{\text{CTELAR}} = 9.8$$

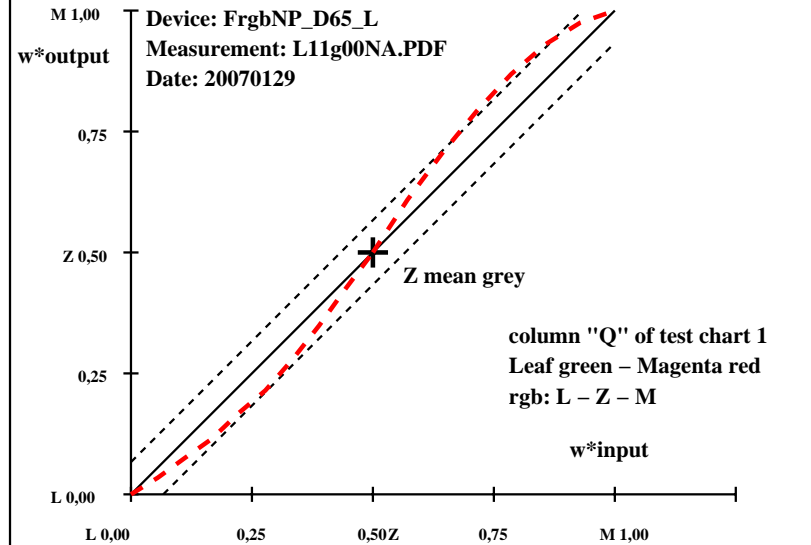
**Mean CIELAB difference (5 steps)**

$$\Delta H^*_{\text{CIELAB}} = 5.6$$
$$\Delta E^*_{\text{CIELAB}} = 6.2$$

IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L1lg00NA.PDF; Date: 20070129

Start output of the file: [www.ps.bam.de/Dg11/10L/L11g00NA.PS](http://www.ps.bam.de/Dg11/10L/L11g00NA.PS)

Device: FrgbNP\_D65\_L  
Measurement: L11g00NA.PDF  
Date: 20070129



IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

TUB-test chart IE47 for output specification  
17 step colour scale "Q"; *rgb* input data; 2 devices, Page 17/24

T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1							
L	1	47.5–66.6	39.0	150	47.5–66.6	39.0	150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Specification according to
	2	48.8–58.3	34.1	150	47.8–65.5	38.7	149	-0.9	-7.1	4.6	8.6	8.6				ISO/IEC 15775:1999 Annex G
	3	50.1–49.9	29.3	150	47.5–66.1	38.0	150	-2.5	-16.1	8.7	18.4	18.6				and DIN 33866-1:2000 Annex G

7 **Regularity**  
2  $g^* = 8.5$

9 Leaf green – Magenta red  
5 rgb: L – Z – M

## 2 Mean CIELAB difference (17 steps)

$$5 \quad \Delta H^*_{\text{CIELAB}} = 14.5$$
$$\Delta E^*_{\text{CIE LAB}} = 15.3$$

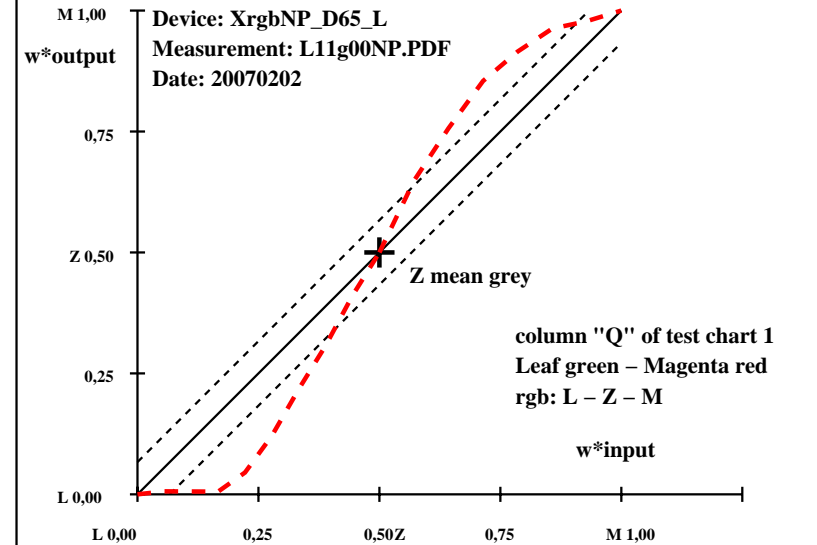
0 Mean CIELAB difference (5 steps)

5  $\Delta H^*_{\text{CIELAB}} = 10.2$ 
$$\Delta E^*_{\text{CIELAB}} = 10.8$$

IE471-3N, ; Device: XrgbNP\_D65\_L; Measurement: L1lg00NP.PDF; Date: 20070202

Start output of the file: [www.ps.bam.de/Dg11/10L/L11g00NP.PDF](http://www.ps.bam.de/Dg11/10L/L11g00NP.PDF)

Device: XrgbNP\_D65\_L  
Measurement: L11g00NP.PDF  
Date: 20070202



IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

input: *rgb (->olv\*) setrgbcolor*  
output: no change compared to input

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out-ref	ΔH*	ΔE*	
R	1	36.4	64.1	29.9	25	36.6	60.6	43.8	36
	2	39.7	55.6	49.6	42	80.1	2.0	103.6	89
	3	51.3	40.1	65.4	59	68.2	18.3	86.4	78
	4	64.7	22.0	83.7	75	53.2	39.5	66.1	59
J	5	84.0	-3.7	109.8	92	84.4	-3.9	110.0	92
	6	66.6	-29.3	83.2	109	80.3	-12.7	104.2	97
	7	53.8	-47.7	63.5	127	68.5	-33.4	85.6	111
	8	44.8	-59.1	42.3	145	57.9	-48.4	69.3	125
G	9	48.0	-48.3	15.7	162	44.2	-61.5	48.9	142
	10	50.7	-39.2	-6.5	190	50.6	-48.4	-3.7	184
C	11	52.8	-32.0	-24.1	217	53.9	-29.1	-31.5	227
	12	48.0	-17.0	-35.8	245	43.5	-6.9	-41.4	260
B	13	38.9	1.5	-42.4	272	14.2	52.2	-60.3	311
	14	24.7	30.9	-52.9	300	27.8	65.1	-48.7	323
M	15	30.9	70.3	-43.0	329	38.7	79.5	-34.4	337
	16	37.6	72.0	-4.0	357	37.6	71.9	-15.5	348
R	17	36.4	64.1	29.9	25	35.8	61.1	45.0	36
R	18	36.4	64.1	29.9	25	36.6	60.6	43.8	36
J	19	84.0	-3.7	109.8	92	84.4	-3.9	110.0	92
G	20	48.0	-48.3	15.7	162	44.2	-61.5	48.9	142
B	21	38.9	1.5	-42.4	272	14.2	52.2	-60.3	311
R	22	36.4	64.1	29.9	25	35.8	61.1	45.0	36

**Start output S1**  
**Specification according to**  
**ISO/IEC 15775:1999 Annex G**  
**and DIN 33866-1:2000 Annex G**

**Red-Yellow-Green-Blue**  
**rgb: R-J-G-B-R**

Mean CIELAB difference (17 steps)  
 $\Delta H^*_{CIELAB} = 23.8$   
 $\Delta E^*_{CIELAB} = 26.9$

Mean CIELAB difference (5 steps)  
 $\Delta H^*_{CIELAB} = 20.8$   
 $\Delta E^*_{CIELAB} = 25.1$

IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out-ref	ΔH*	ΔE*	
R	1	46.3	62.7	29.2	25	46.2	60.2	39.2	33
	2	50.5	52.8	47.1	42	47.0	58.3	45.9	38
	3	59.3	37.6	61.3	58	56.4	41.7	62.8	56
	4	69.2	20.4	77.4	75	75.9	7.2	90.6	85
J	5	83.1	-3.4	99.8	92	90.8	-16.8	112.4	99
	6	77.6	-31.8	90.0	110	76.6	-31.4	88.0	110
	7	62.6	-48.6	64.6	127	55.6	-54.4	52.3	136
	8	50.5	-62.0	44.3	145	48.6	-63.3	41.1	147
G	9	46.8	-57.2	18.6	162	47.3	-65.0	38.4	149
	10	48.4	-42.2	-7.0	190	48.2	-64.4	35.9	151
C	11	49.4	-32.2	-24.2	217	52.1	-16.3	-52.3	253
	12	50.6	-20.8	-43.7	245	46.0	-7.1	-50.1	262
B	13	38.4	1.7	-49.1	272	39.2	1.1	-49.2	271
	14	40.5	21.6	-36.9	300	33.5	19.1	-43.3	294
M	15	42.7	41.0	-25.0	329	46.2	71.5	-6.1	355
	16	46.1	70.7	-3.9	357	46.0	67.5	7.0	6
R	17	46.3	62.7	29.2	25	46.2	60.8	36.4	31
R	18	46.3	62.7	29.2	25	46.2	60.2	39.2	33
J	19	83.1	-3.4	99.8	92	90.8	-16.8	112.4	99
G	20	46.8	-57.2	18.6	162	47.3	-65.0	38.4	149
B	21	38.4	1.7	-49.1	272	39.2	1.1	-49.2	271
R	22	46.3	62.7	29.2	25	46.2	60.8	36.4	31

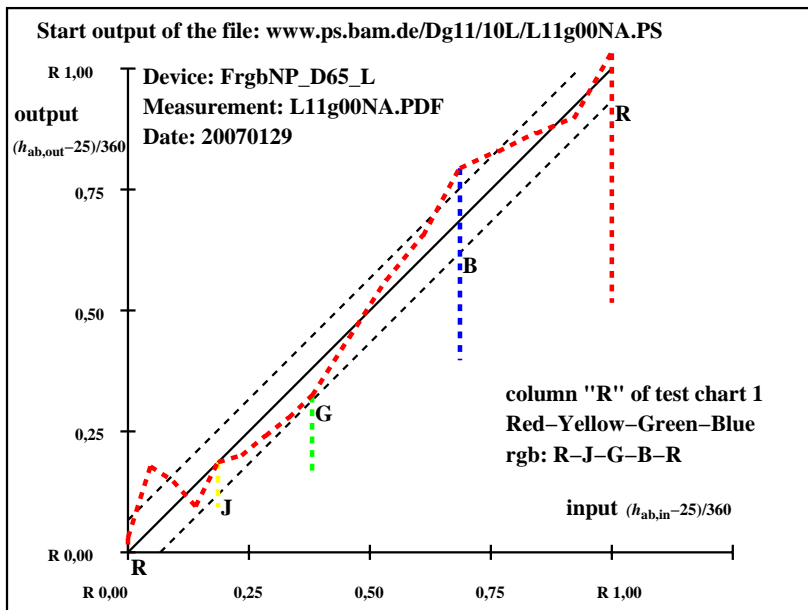
**Start output S1**  
**Specification according to**  
**ISO/IEC 15775:1999 Annex G**  
**and DIN 33866-1:2000 Annex G**

**Red-Yellow-Green-Blue**  
**rgb: R-J-G-B-R**

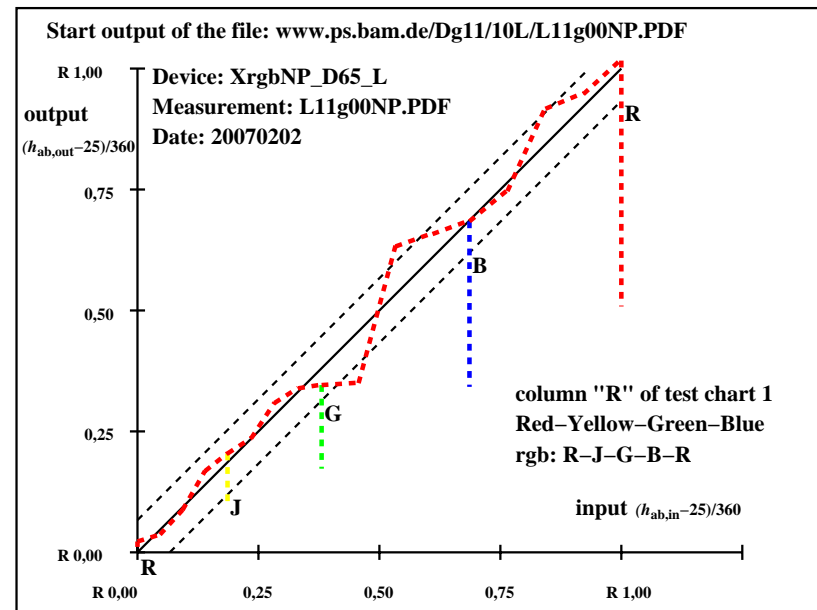
Mean CIELAB difference (17 steps)  
 $\Delta H^*_{CIELAB} = 14.6$   
 $\Delta E^*_{CIELAB} = 15.7$

Mean CIELAB difference (5 steps)  
 $\Delta H^*_{CIELAB} = 10.1$   
 $\Delta E^*_{CIELAB} = 12.0$

IE471-3N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202



IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202



T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out-ref	ΔH*	ΔE*	
R	1	22.5	32.1	14.9	25	24.2	35.8	24.5	34
	2	24.2	27.8	24.8	42	47.6	-2.3	55.8	92
	3	30.0	20.0	32.7	59	40.4	9.2	45.9	79
	4	36.7	11.0	41.8	75	31.9	23.1	34.8	56
J	5	46.3	-1.8	54.9	92	54.9	-14.0	66.1	102
	6	37.6	-14.6	41.6	109	50.9	-23.6	59.8	112
	7	31.2	-23.8	31.7	127	46.5	-32.8	53.0	122
	8	26.7	-29.5	21.1	145	41.8	-42.0	45.4	133
G	9	28.3	-24.1	7.9	162	36.2	-49.6	37.9	143
	10	29.7	-19.5	-3.2	190	38.9	-41.3	5.4	173
C	11	30.7	-15.9	-12.0	217	40.8	-28.6	-15.6	209
	12	28.3	-8.5	-17.9	245	28.3	-1.5	-29.7	267
B	13	23.8	0.7	-21.2	272	11.9	34.7	-43.9	308
	14	16.7	15.5	-26.4	300	18.8	42.6	-38.8	318
M	15	19.8	35.2	-21.4	329	26.0	52.6	-29.9	330
	16	23.1	36.0	-1.9	357	24.5	43.6	-10.0	347
R	17	22.5	32.1	14.9	25	23.0	35.3	23.8	34
R	18	22.5	32.1	14.9	25	24.2	35.8	24.5	34
J	19	46.3	-1.8	54.9	92	54.9	-14.0	66.1	102
G	20	28.3	-24.1	7.9	162	36.2	-49.6	37.9	143
B	21	23.8	0.7	-21.2	272	11.9	34.7	-43.9	308
R	22	22.5	32.1	14.9	25	23.0	35.3	23.8	34

(Red-Yellow-Green-Blue)n  
rgb: (R-J-G-B-R)n

Mean CIELAB difference (17 steps)  
 $\Delta H^*_{CIELAB} = 21.3$   
 $\Delta E^*_{CIELAB} = 23.8$

Mean CIELAB difference (5 steps)  
 $\Delta H^*_{CIELAB} = 21.4$   
 $\Delta E^*_{CIELAB} = 24.2$

IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

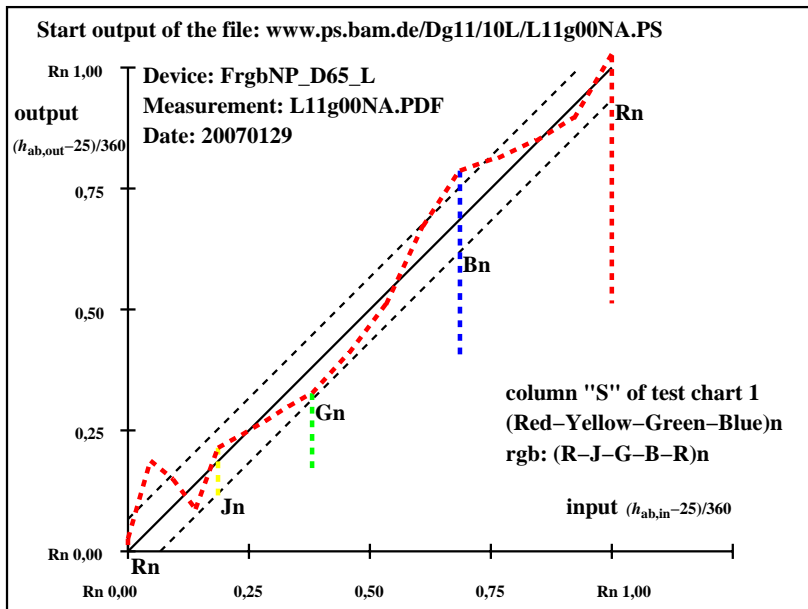
T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out-ref	ΔH*	ΔE*	
R	1	34.0	31.3	14.6	25	35.8	34.4	29.4	41
	2	36.1	26.4	23.6	42	36.9	30.7	31.1	45
	3	40.5	18.8	30.7	58	41.3	20.1	38.2	62
	4	45.5	10.2	38.7	75	51.7	0.1	54.2	90
J	5	52.4	-1.6	49.9	92	59.6	-11.9	66.0	100
	6	49.6	-15.8	45.0	110	55.0	-21.3	57.0	111
	7	42.1	-24.2	32.3	127	45.6	-37.7	39.7	134
	8	36.1	-31.0	22.2	145	40.7	-47.2	30.7	147
G	9	34.2	-28.5	9.3	162	38.5	-49.9	26.9	152
	10	35.0	-21.1	-3.4	190	33.8	-38.0	16.0	157
C	11	35.5	-16.0	-12.1	217	37.0	-19.8	-26.7	233
	12	36.1	-10.4	-21.8	245	32.2	-4.0	-35.3	263
B	13	30.0	0.9	-24.5	272	28.4	1.4	-34.1	272
	14	31.1	10.8	-18.4	300	26.0	15.0	-40.0	291
M	15	32.2	20.5	-12.4	329	30.4	41.8	-20.6	334
	16	33.9	35.4	-1.9	357	31.8	40.2	1.2	2
R	17	34.0	31.3	14.6	25	36.1	34.0	29.6	41
R	18	34.0	31.3	14.6	25	35.8	34.4	29.4	41
J	19	52.4	-1.6	49.9	92	59.6	-11.9	66.0	100
G	20	34.2	-28.5	9.3	162	38.5	-49.9	26.9	152
B	21	30.0	0.9	-24.5	272	28.4	1.4	-34.1	272
R	22	34.0	31.3	14.6	25	36.1	34.0	29.6	41

(Red-Yellow-Green-Blue)n  
rgb: (R-J-G-B-R)n

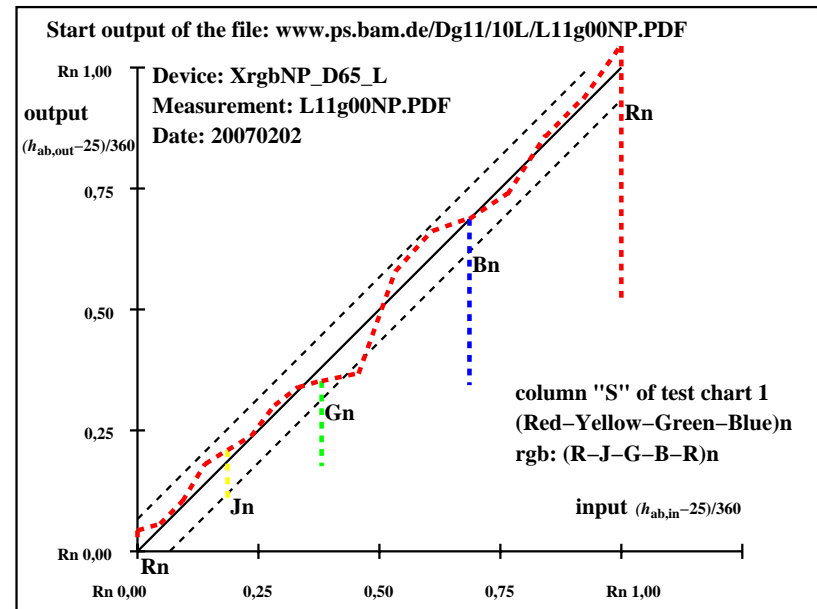
Mean CIELAB difference (17 steps)  
 $\Delta H^*_{CIELAB} = 15.3$   
 $\Delta E^*_{CIELAB} = 16.6$

Mean CIELAB difference (5 steps)  
 $\Delta H^*_{CIELAB} = 14.3$   
 $\Delta E^*_{CIELAB} = 17.6$

IE471-3N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202



IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



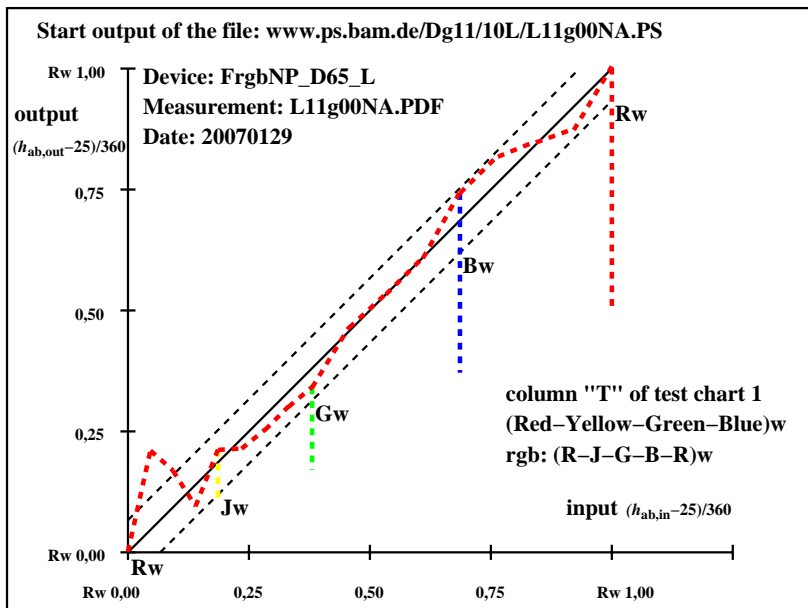
IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out-ref	ΔH*	ΔE*	
<b>Start output S1</b>									
<b>Specification according to</b>									
<b>ISO/IEC 15775:1999 Annex G</b>									
<b>and DIN 33866-1:2000 Annex G</b>									
R	1	64.5	32.1	14.9	25	70.6	25.0	11.9	25
	2	66.2	27.8	24.8	42	90.4	-7.3	39.2	101
	3	72.0	20.0	32.7	59	84.4	2.3	30.8	86
	4	78.7	11.0	41.8	75	77.7	13.1	22.0	59
J	5	88.3	-1.8	54.9	92	90.4	-7.8	39.8	101
	6	79.6	-14.6	41.6	109	90.1	-8.4	39.7	102
	7	73.2	-23.8	31.7	127	86.2	-16.9	34.7	116
	8	68.7	-29.5	21.1	145	80.7	-26.3	28.0	133
G	9	70.3	-24.1	7.9	162	74.9	-33.7	21.4	148
	10	71.7	-19.5	-3.2	190	77.6	-25.1	-5.3	192
C	11	72.7	-15.9	-12.0	217	78.5	-20.5	-15.4	217
	12	70.3	-8.5	-17.9	245	73.2	-10.3	-21.1	244
B	13	65.8	0.7	-21.2	272	60.3	13.5	-32.8	292
	14	58.6	15.5	-26.4	300	68.1	29.4	-25.1	319
M	15	61.8	35.2	-21.4	329	71.2	37.2	-21.4	330
	16	65.1	36.0	-1.9	357	70.5	33.8	-12.7	339
R	17	64.5	32.1	14.9	25	69.4	26.3	12.6	26
R	18	64.5	32.1	14.9	25	70.6	25.0	11.9	25
J	19	88.3	-1.8	54.9	92	90.4	-7.8	39.8	101
G	20	70.3	-24.1	7.9	162	74.9	-33.7	21.4	148
B	21	65.8	0.7	-21.2	272	60.3	13.5	-32.8	292
R	22	64.5	32.1	14.9	25	69.4	26.3	12.6	26
<b>(Red-Yellow-Green-Blue)w</b>									
<b>rgb: (R-J-G-B-R)w</b>									
<b>Mean CIELAB difference (17 steps)</b>									
$\Delta H^*_{CIELAB} = 11.6$									
$\Delta E^*_{CIELAB} = 15.2$									
<b>Mean CIELAB difference (5 steps)</b>									
$\Delta H^*_{CIELAB} = 11.6$									
$\Delta E^*_{CIELAB} = 13.5$									

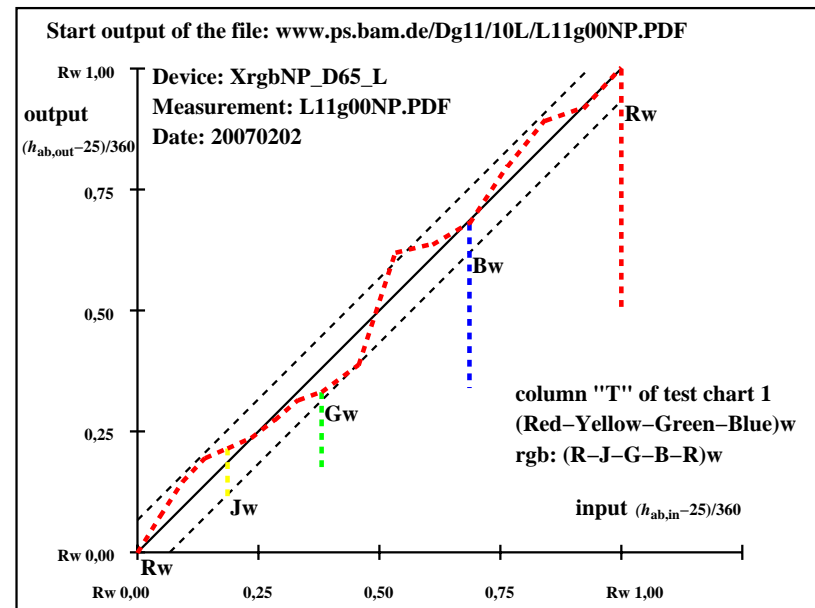
IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out-ref	ΔH*	ΔE*	
<b>Start output S1</b>									
<b>Specification according to</b>									
<b>ISO/IEC 15775:1999 Annex G</b>									
<b>and DIN 33866-1:2000 Annex G</b>									
R	1	70.9	31.3	14.6	25	61.7	40.1	18.3	25
	2	73.0	26.4	23.6	42	70.5	23.3	29.4	52
	3	77.4	18.8	30.7	58	78.0	9.4	42.3	77
	4	82.4	10.2	38.7	75	86.6	-4.7	54.9	95
J	5	89.3	-1.6	49.9	92	92.1	-16.1	74.7	102
	6	86.5	-15.8	45.0	110	84.8	-23.4	64.8	110
	7	79.0	-24.2	32.3	127	72.7	-34.2	52.4	123
	8	73.0	-31.0	22.2	145	61.7	-46.1	41.5	138
G	9	71.1	-28.5	9.3	162	56.1	-53.3	38.6	144
	10	71.9	-21.1	-3.4	190	59.5	-43.4	12.4	164
C	11	72.4	-16.0	-12.1	217	60.8	-15.7	-38.9	248
	12	73.0	-10.4	-21.8	245	62.9	-8.2	-28.6	254
B	13	66.9	0.9	-24.5	272	58.8	-0.2	-35.4	270
	14	68.0	10.8	-18.4	300	54.8	23.8	-26.4	312
M	15	69.1	20.5	-12.4	329	61.0	47.4	-11.6	346
	16	70.8	35.4	-1.9	357	59.0	43.8	-3.7	355
R	17	70.9	31.3	14.6	25	63.0	38.0	17.6	25
R	18	70.9	31.3	14.6	25	61.7	40.1	18.3	25
J	19	89.3	-1.6	49.9	92	92.1	-16.1	74.7	102
G	20	71.1	-28.5	9.3	162	56.1	-53.3	38.6	144
B	21	66.9	0.9	-24.5	272	58.8	-0.2	-35.4	270
R	22	70.9	31.3	14.6	25	63.0	38.0	17.6	25
<b>(Red-Yellow-Green-Blue)w</b>									
<b>rgb: (R-J-G-B-R)w</b>									
<b>Mean CIELAB difference (17 steps)</b>									
$\Delta H^*_{CIELAB} = 18.3$									
$\Delta E^*_{CIELAB} = 21.1$									
<b>Mean CIELAB difference (5 steps)</b>									
$\Delta H^*_{CIELAB} = 17.5$									
$\Delta E^*_{CIELAB} = 19.5$									

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IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$
N	1	9.1	0.0	0.2	90	9.1	0.0	0.2
	2	14.4	0.0	0.2	90	14.6	0.3	-1.7
	3	19.6	0.0	0.2	90	21.7	-0.4	-2.7
	4	24.8	0.0	0.2	90	28.4	-1.8	-1.9
	5	30.0	0.0	0.2	90	35.5	-2.1	-2.3
	6	35.3	0.0	0.1	90	41.3	-2.6	-0.4
	7	40.5	0.0	0.1	90	46.8	-2.6	-0.7
	8	45.7	0.0	0.1	90	52.9	-3.7	-0.2
Z	9	51.0	0.0	0.1	90	58.3	-3.7	-0.8
	10	56.2	0.0	0.1	90	63.8	-3.2	-1.2
	11	61.4	0.0	0.1	90	69.8	-1.8	-1.5
	12	66.7	0.0	0.1	90	75.6	-0.8	-1.6
	13	71.9	0.0	0.1	90	81.6	0.0	-1.1
	14	77.1	0.0	0.0	90	87.1	0.0	0.0
	15	82.3	0.0	0.0	90	92.1	-0.6	1.1
	16	87.6	0.0	0.0	90	92.9	0.0	0.0
W	17	92.8	0.0	0.0	0	92.8	0.0	0.0
N	18	9.1	0.0	0.2	90	9.1	0.0	0.2
	19	30.0	0.0	0.2	90	35.5	-2.1	-2.3
Z	20	51.0	0.0	0.1	90	58.3	-3.7	-0.8
	21	71.9	0.0	0.1	90	81.6	0.0	-1.1
W	22	92.8	0.0	0.0	0	92.8	0.0	0.0

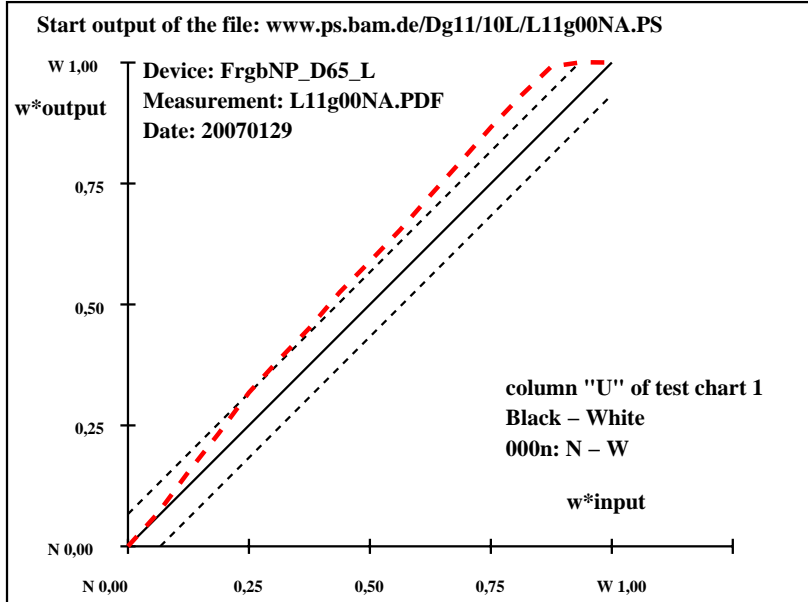
**Start output S1**  
**Specification according to**  
**ISO/IEC 15775:1999 Annex G**  
**and DIN 33866-1:2000 Annex G**  
**relative CIELAB data used for "out"**  
 $\Delta L^* = 92.81 - 9.12$   
**Regularity**  
 $g^* = 42.5$   
**Lightness gamut relative to offset**  
 $f^* = 108.1$   
**Black - White**  
**000n: N - W**  
**Mean CIELAB difference (17 steps)**  
 $\Delta H^*_{CIELAB} = 2.1$   
 $\Delta E^*_{CIELAB} = 6.3$   
**Mean CIELAB difference (5 steps)**  
 $\Delta H^*_{CIELAB} = 1.7$   
 $\Delta E^*_{CIELAB} = 4.9$   
**Mean colour reproduction index:**  $R^*_{ab,m} = 72$

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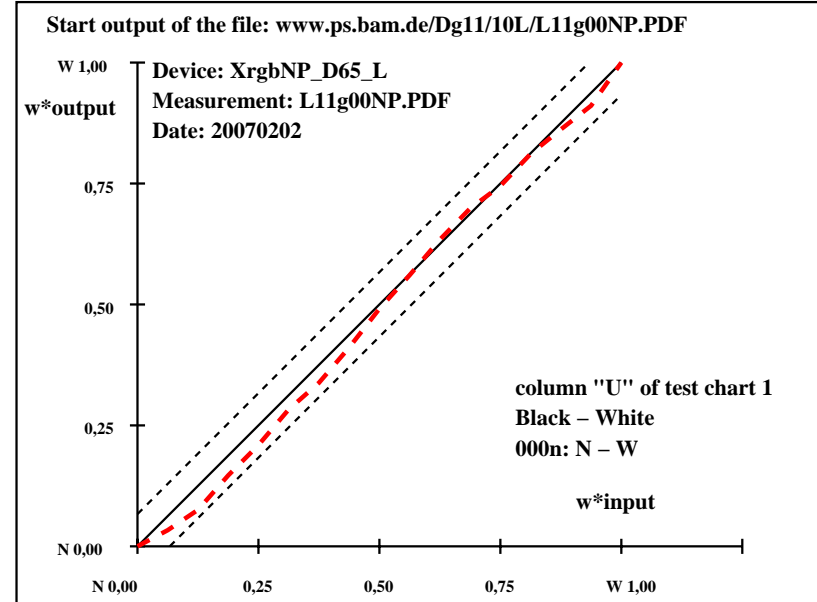
T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$
N	1	22.6	0.2	7.1	88	22.6	0.2	7.1
	2	27.2	0.2	6.7	88	25.1	0.3	7.2
	3	31.7	0.2	6.2	88	28.1	0.3	6.9
	4	36.3	0.2	5.8	88	33.3	0.2	6.3
	5	40.8	0.2	5.4	88	37.9	0.2	5.9
	6	45.4	0.1	4.9	88	43.2	0.1	5.3
	7	49.9	0.1	4.5	88	47.2	0.1	4.8
	8	54.5	0.1	4.1	88	52.6	0.1	4.4
Z	9	59.0	0.1	3.7	88	58.4	0.0	3.9
	10	63.6	0.1	3.2	88	63.4	0.1	3.2
	11	68.1	0.1	2.8	88	68.8	0.0	2.7
	12	72.7	0.1	2.4	88	73.5	0.0	2.5
	13	77.2	0.1	1.9	89	76.9	0.1	1.9
	14	81.8	0.0	1.5	89	81.7	0.0	1.6
	15	86.3	0.0	1.1	89	85.4	0.0	1.0
	16	90.9	0.0	0.6	89	88.9	0.0	0.7
W	17	95.4	0.0	0.2	90	95.4	0.0	0.2
N	18	22.6	0.2	7.1	88	22.6	0.2	7.1
	19	40.8	0.2	5.4	88	37.9	0.2	5.9
Z	20	59.0	0.1	3.7	88	58.4	0.0	3.9
	21	77.2	0.1	1.9	89	76.9	0.1	1.9
W	22	95.4	0.0	0.2	90	95.4	0.0	0.2

**Start output S1**  
**Specification according to**  
**ISO/IEC 15775:1999 Annex G**  
**and DIN 33866-1:2000 Annex G**  
**relative CIELAB data used for "out"**  
 $\Delta L^* = 95.42 - 22.63$   
**Regularity**  
 $g^* = 74.4$   
**Lightness gamut relative to offset**  
 $f^* = 94.0$   
**Black - White**  
**000n: N - W**  
**Mean CIELAB difference (17 steps)**  
 $\Delta H^*_{CIELAB} = 0.2$   
 $\Delta E^*_{CIELAB} = 1.4$   
**Mean CIELAB difference (5 steps)**  
 $\Delta H^*_{CIELAB} = 0.2$   
 $\Delta E^*_{CIELAB} = 0.8$   
**Mean colour reproduction index:**  $R^*_{ab,m} = 94$

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IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



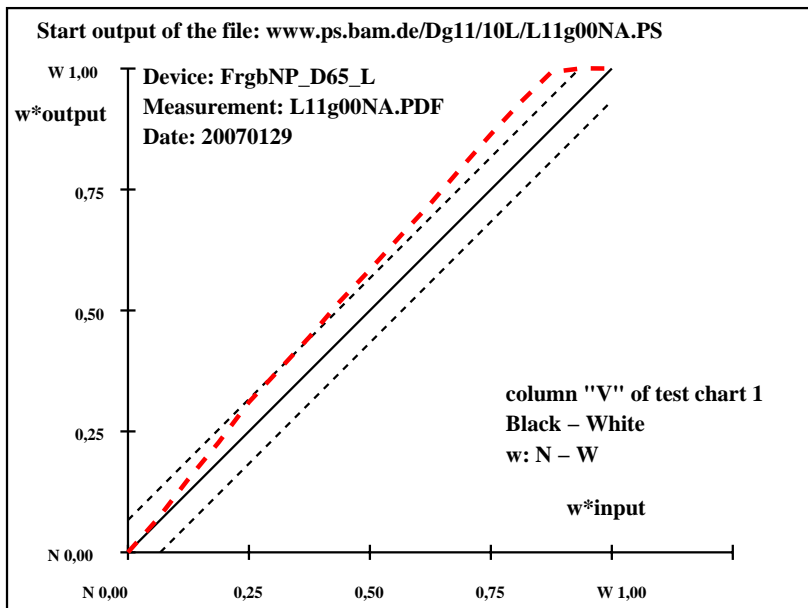
IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1	
N	1	8.7	0.0	0.0	0	8.7	0.0	0.0	0.0	Specification according to
	2	13.9	0.0	0.0	0	13.9	0.7	-2.5	2.7	ISO/IEC 15775:1999 Annex G
	3	19.1	0.0	0.0	0	20.8	-0.2	-3.9	4.0	and DIN 33866-1:2000 Annex G
	4	24.4	0.0	0.0	0	27.4	-1.8	-3.0	3.6	relative CIELAB data used for "out"
	5	29.6	0.0	0.0	0	34.4	-2.2	-3.4	4.2	$\Delta L^* = 92.63 - 8.65$
	6	34.9	0.0	0.0	0	40.2	-2.7	-1.7	3.3	Regularity
	7	40.1	0.0	0.0	0	45.9	-3.1	-1.5	3.6	$g^* = 44.4$
	8	45.4	0.0	0.0	0	52.0	-3.9	-1.1	4.2	
Z	9	50.6	0.0	0.0	0	57.5	-3.9	-1.5	4.3	Lightness gamut relative to offset
	10	55.9	0.0	0.0	0	63.4	-3.1	-1.9	3.8	$f^* = 108.5$
	11	61.1	0.0	0.0	0	69.1	-1.8	-2.1	2.9	
	12	66.4	0.0	0.0	0	75.2	-0.6	-2.1	2.3	Black – White
	13	71.6	0.0	0.0	0	81.2	0.1	-1.4	1.5	w: N – W
	14	76.9	0.0	0.0	0	86.9	0.0	-0.1	0.2	10.0:
	15	82.1	0.0	0.0	0	92.0	-0.7	1.1	1.4	Mean CIELAB difference (17 steps)
	16	87.4	0.0	0.0	0	92.7	0.0	0.0	0.0	$\Delta H^*_{CIELAB} = 2.5$
W	17	92.6	0.0	0.0	0	92.6	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 6.3$
	18	8.7	0.0	0.0	0	8.7	0.0	0.0	0.0	
	19	29.6	0.0	0.0	0	34.4	-2.2	-3.4	4.2	
	20	50.6	0.0	0.0	0	57.5	-3.9	-1.5	4.3	Mean CIELAB difference (5 steps)
Z	21	71.6	0.0	0.0	0	81.2	0.1	-1.4	1.5	$\Delta H^*_{CIELAB} = 2.0$
	22	92.6	0.0	0.0	0	92.6	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 4.8$
Mean colour reproduction index:									$R^*_{ab,m} = 72$	

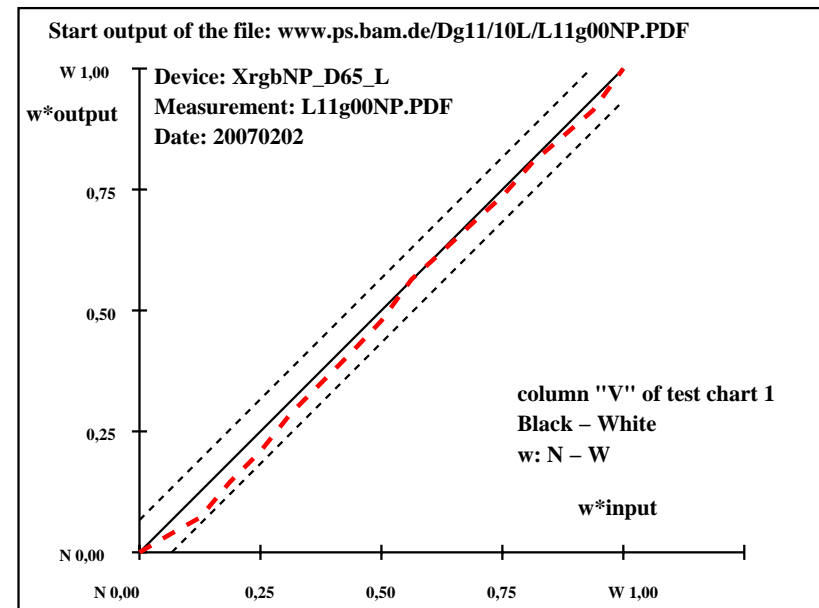
IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	Start output S1						
N	1	21.3	0.0	-0.1	243	21.3	0.0	-0.1	243	Specification according to					
	2	25.9	0.0	-0.1	242	24.0	0.0	0.0	270	ISO/IEC 15775:1999 Annex G					
	3	30.6	0.0	-0.1	240	26.6	0.0	0	-3.9	0.1	0.2	0.2	4.0	relative CIELAB data used for "out"	
	4	35.2	0.0	-0.1	238	32.1	0.0	0.0	0	-3.0	0.1	0.2	0.2	3.1	
	5	39.8	0.0	-0.1	236	36.8	0.0	0.1	90	-3.0	0.1	0.3	0.3	3.1	$\Delta L^* = 95.51 - 21.27$
	6	44.5	0.0	0.0	234	42.6	0.0	0.0	270	-1.8	0.1	0.0	0.1	1.9	Regularity
	7	49.1	0.0	0.0	231	47.2	0.0	0.0	0	-1.8	0.1	0.1	0.2	1.9	$g^* = 77.3$
	8	53.8	0.0	0.0	228	51.9	0.0	0.1	90	-1.8	0.1	0.2	0.2	1.9	
Z	9	58.4	0.0	0.0	225	56.8	0.0	0.3	108	-1.5	0.0	0.4	0.4	1.6	Lightness gamut relative to offset
	10	63.0	0.0	0.0	221	63.2	0.0	0.0	180	0.1	0.0	0.1	0.1	0.2	$f^* = 95.9$
	11	67.7	0.0	0.0	217	67.4	0.0	0.0	0	-0.2	0.1	0.1	0.1	0.3	
	12	72.3	0.0	0.0	212	71.7	0.0	0.3	90	-0.5	0.1	0.4	0.4	0.7	Black – White
	13	77.0	0.0	0.0	207	75.9	0.0	0.1	90	-0.9	0.1	0.2	0.2	1.0	w: N – W
	14	81.6	0.0	0.0	201	81.1	0.0	0.1	90	-0.4	0.1	0.1	0.2	0.5	
	15	86.2	0.0	0.0	194	85.1	0.0	0.1	90	-1.0	0.1	0.1	0.2	1.2	Mean CIELAB difference (17 steps)
	16	90.9	0.0	0.0	187	89.1	0.0	0.0	0	-1.7	0.1	0.0	0.1	1.8	$\Delta H^*_{CIELAB} = 0.2$
W	17	95.5	0.0	0.0	180	95.5	0.0	0.0	180	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 1.5$
N	18	21.3	0.0	-0.1	243	21.3	0.0	-0.1	243	0.0	0.0	0.0	0.0	0.0	
	19	39.8	0.0	-0.1	236	36.8	0.0	0.1	90	-3.0	0.1	0.3	0.3	3.1	
Z	20	58.4	0.0	0.0	225	56.8	0.0	0.3	108	-1.5	0.0	0.4	0.4	1.6	Mean CIELAB difference (5 steps)
	21	77.0	0.0	0.0	207	75.9	0.0	0.1	90	-0.9	0.1	0.2	0.2	1.0	$\Delta H^*_{CIELAB} = 0.2$
W	22	95.5	0.0	0.0	180	95.5	0.0	0.0	180	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 1.1$
Mean colour reproduction index:									$R^*_{ab,m} = 94$						

IE471-3N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202



IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	
N	1	9.1	0.0	0.2	90	9.1	0.0	0.2	90
	2	14.4	0.0	0.2	90	14.6	0.3	-1.7	279
	3	19.6	0.0	0.2	90	21.7	-0.4	-2.7	260
	4	24.8	0.0	0.2	90	28.4	-1.8	-1.9	226
	5	30.0	0.0	0.2	90	35.5	-2.1	-2.3	227
	6	35.3	0.0	0.1	90	41.3	-2.6	-0.4	190
	7	40.5	0.0	0.1	90	46.8	-2.6	-0.7	197
	8	45.7	0.0	0.1	90	52.9	-3.7	-0.2	185
Z	9	51.0	0.0	0.1	90	58.3	-3.7	-0.8	193
	10	56.2	0.0	0.1	90	63.8	-3.2	-1.2	202
	11	61.4	0.0	0.1	90	69.8	-1.8	-1.5	220
	12	66.7	0.0	0.1	90	75.6	-0.8	-1.6	242
	13	71.9	0.0	0.1	90	81.6	0.0	-1.1	270
	14	77.1	0.0	0.0	90	87.1	0.0	0.0	270
	15	82.3	0.0	0.0	90	92.1	-0.6	1.1	122
	16	87.6	0.0	0.0	90	92.9	0.0	0.0	0
W	17	92.8	0.0	0.0	0	92.8	0.0	0.0	0
N	18	9.1	0.0	0.2	90	9.1	0.0	0.2	90
	19	30.0	0.0	0.2	90	35.5	-2.1	-2.3	227
Z	20	51.0	0.0	0.1	90	58.3	-3.7	-0.8	193
	21	71.9	0.0	0.1	90	81.6	0.0	-1.1	270
W	22	92.8	0.0	0.0	0	92.8	0.0	0.0	0

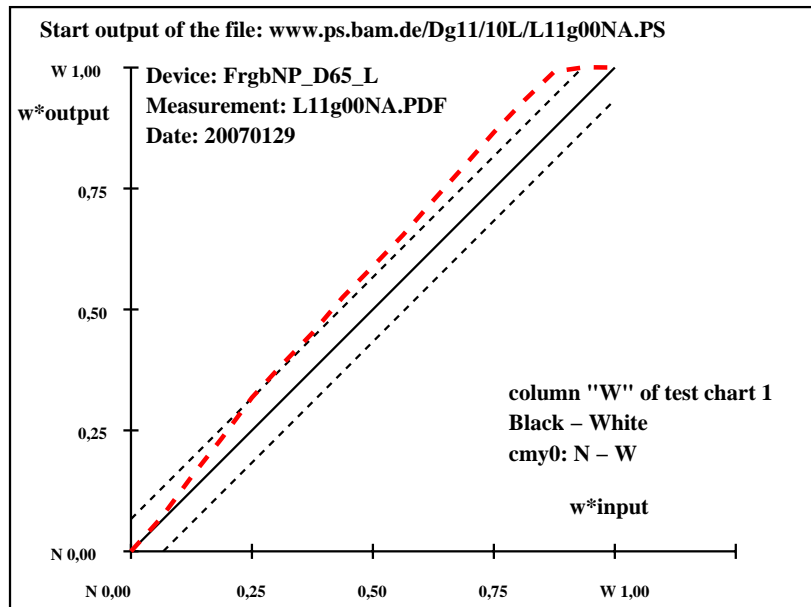
**Start output S1**  
**Specification according to**  
**ISO/IEC 15775:1999 Annex G**  
**and DIN 33866-1:2000 Annex G**  
**relative CIELAB data used for "out"**  
 $\Delta L^* = 92.81 - 9.12$   
**Regularity**  
 $g^* = 42.5$   
**Lightness gamut relative to offset**  
 $f^* = 108.1$   
**Black - White**  
**cmy0: N - W**  
**Mean CIELAB difference (17 steps)**  
 $\Delta H^*_{CIELAB} = 2.1$   
 $\Delta E^*_{CIELAB} = 6.3$   
**Mean CIELAB difference (5 steps)**  
 $\Delta H^*_{CIELAB} = 1.7$   
 $\Delta E^*_{CIELAB} = 4.9$   
**Mean colour reproduction index:**  $R^*_{ab,m} = 72$

IE470-3N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

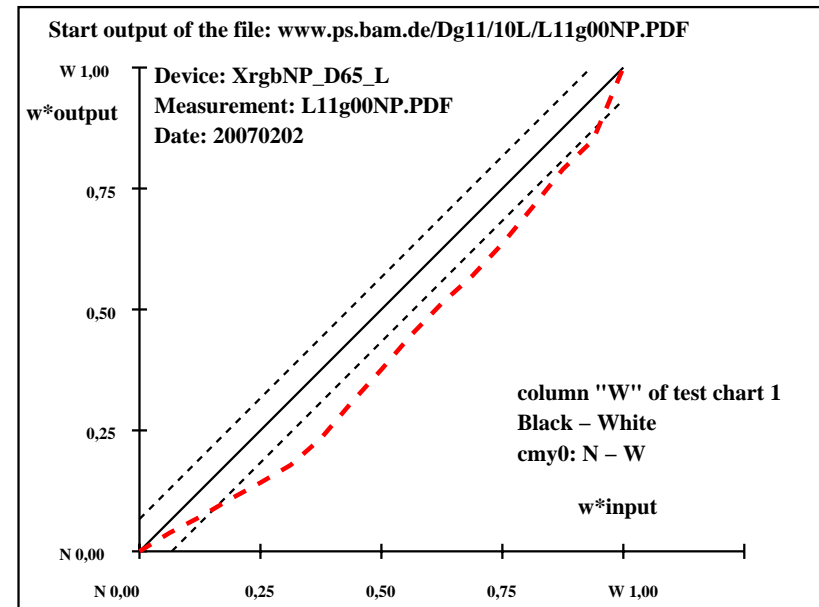
T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	
N	1	26.9	0.0	0.0	0	26.9	0.0	0.0	0
	2	31.2	0.0	0.0	0	29.2	-0.6	1.1	122
	3	35.5	0.0	0.0	0	31.4	-1.5	1.0	148
	4	39.8	0.0	0.0	0	34.1	-1.7	0.5	164
	5	44.1	0.0	0.0	0	36.2	-1.9	2.0	135
	6	48.3	0.0	0.0	0	38.8	-1.7	2.1	131
	7	52.6	0.0	0.0	0	42.6	-1.3	3.0	115
	8	56.9	0.0	0.0	0	47.3	-2.5	4.6	119
Z	9	61.2	0.0	0.0	0	51.9	-1.7	6.1	106
	10	65.5	0.0	0.0	0	56.7	-1.3	7.2	101
	11	69.7	0.0	0.0	0	61.3	-0.7	7.2	96
	12	74.0	0.0	0.0	0	65.4	-0.8	6.5	98
	13	78.3	0.0	0.0	0	70.0	-0.3	6.3	94
	14	82.6	0.0	0.0	0	75.3	-0.1	5.9	92
	15	86.9	0.0	0.0	0	80.8	-1.2	5.2	104
	16	91.1	0.0	0.0	0	85.1	0.3	1.9	81
W	17	95.4	0.0	0.0	0	95.4	0.0	0.0	0
N	18	26.9	0.0	0.0	0	26.9	0.0	0.0	0
	19	44.1	0.0	0.0	0	36.2	-1.9	2.0	135
Z	20	61.2	0.0	0.0	0	51.9	-1.7	6.1	106
	21	78.3	0.0	0.0	0	70.0	-0.3	6.3	94
W	22	95.4	0.0	0.0	0	95.4	0.0	0.0	0

**Start output S1**  
**Specification according to**  
**ISO/IEC 15775:1999 Annex G**  
**and DIN 33866-1:2000 Annex G**  
**relative CIELAB data used for "out"**  
 $\Delta L^* = 95.41 - 26.94$   
**Regularity**  
 $g^* = 36.6$   
**Lightness gamut relative to offset**  
 $f^* = 88.5$   
**Black - White**  
**cmy0: N - W**  
**Mean CIELAB difference (17 steps)**  
 $\Delta H^*_{CIELAB} = 3.9$   
 $\Delta E^*_{CIELAB} = 7.7$   
**Mean CIELAB difference (5 steps)**  
 $\Delta H^*_{CIELAB} = 3.1$   
 $\Delta E^*_{CIELAB} = 6.0$   
**Mean colour reproduction index:**  $R^*_{ab,m} = 66$

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IE470-7N, ; Device: FrgbNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



IE471-7N, ; Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202



T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$
N	1	8.7	0.0	0.0	0	8.7	0.0	0.0
	2	13.9	0.0	0.0	0	13.9	0.7	-2.5
	3	19.1	0.0	0.0	0	20.8	-0.2	-3.9
	4	24.4	0.0	0.0	0	27.4	-1.8	-3.0
	5	29.6	0.0	0.0	0	34.4	-2.2	-3.4
	6	34.9	0.0	0.0	0	40.2	-2.7	-1.7
	7	40.1	0.0	0.0	0	45.9	-3.1	-1.5
	8	45.4	0.0	0.0	0	52.0	-3.9	-1.1
Z	9	50.6	0.0	0.0	0	57.5	-3.9	-1.5
	10	55.9	0.0	0.0	0	63.4	-3.1	-1.9
	11	61.1	0.0	0.0	0	69.1	-1.8	-2.1
	12	66.4	0.0	0.0	0	75.2	-0.6	-2.1
	13	71.6	0.0	0.0	0	81.2	0.1	-1.4
	14	76.9	0.0	0.0	0	86.9	0.0	-0.1
	15	82.1	0.0	0.0	0	92.0	-0.7	1.1
	16	87.4	0.0	0.0	0	92.7	0.0	0.0
W	17	92.6	0.0	0.0	0	92.6	0.0	0.0
N	18	8.7	0.0	0.0	0	8.7	0.0	0.0
	19	29.6	0.0	0.0	0	34.4	-2.2	-3.4
Z	20	50.6	0.0	0.0	0	57.5	-3.9	-1.5
	21	71.6	0.0	0.0	0	81.2	0.1	-1.4
W	22	92.6	0.0	0.0	0	92.6	0.0	0.0

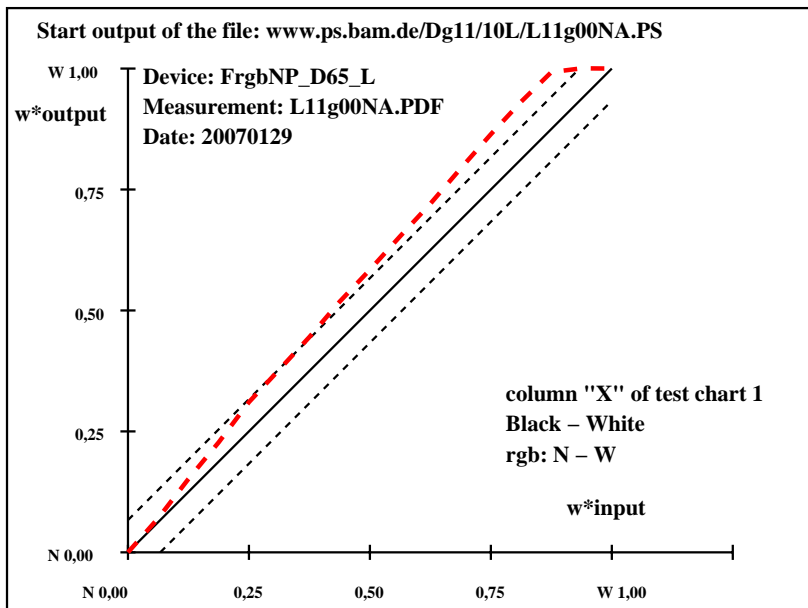
**Start output S1**  
**Specification according to**  
**ISO/IEC 15775:1999 Annex G**  
**and DIN 33866-1:2000 Annex G**  
**relative CIELAB data used for "out"**  
 $\Delta L^* = 92.63 - 8.65$   
**Regularity**  
 $g^* = 44.4$   
**Lightness gamut relative to offset**  
 $f^* = 108.5$   
**Black - White**  
**rgb: N - W**  
**Mean CIELAB difference (17 steps)**  
 $\Delta H^*_{CIELAB} = 2.5$   
 $\Delta E^*_{CIELAB} = 6.3$   
**Mean CIELAB difference (5 steps)**  
 $\Delta H^*_{CIELAB} = 2.0$   
 $\Delta E^*_{CIELAB} = 4.8$   
**Mean colour reproduction index:**  $R^*_{ab,m} = 72$

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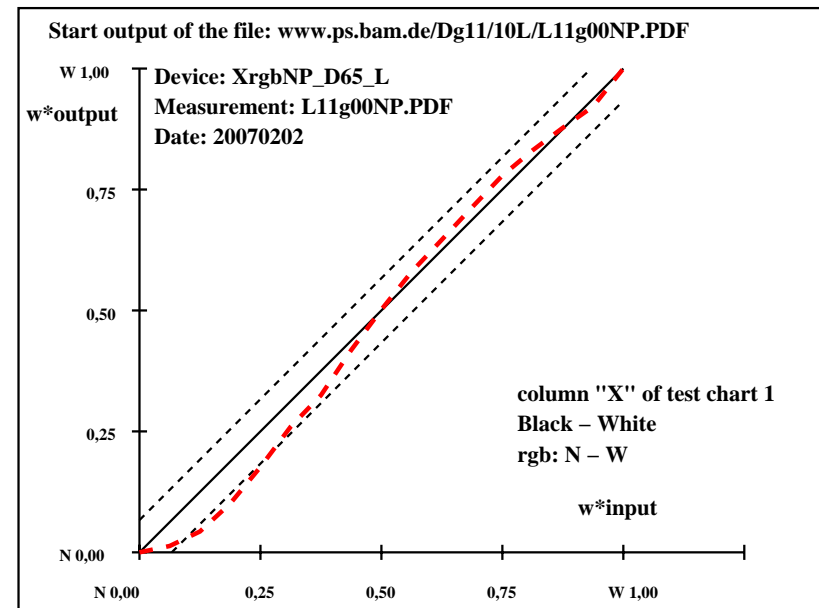
T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$
N	1	21.7	0.0	0.0	0	21.7	0.0	0.0
	2	26.3	0.0	0.0	0	22.6	0.0	0.0
	3	30.9	0.0	0.0	0	24.8	0.0	0.1
	4	35.5	0.0	0.0	0	29.1	0.0	0.0
	5	40.1	0.0	0.0	0	34.7	0.0	0.0
	6	44.7	0.0	0.0	0	40.8	0.0	0.0
	7	49.3	0.0	0.0	0	45.6	0.0	0.2
	8	53.9	0.0	0.0	0	52.5	0.0	0.1
Z	9	58.6	0.0	0.0	0	58.7	0.0	0.2
	10	63.2	0.0	0.0	0	64.5	0.0	0.2
	11	67.8	0.0	0.0	0	69.4	0.0	0.2
	12	72.4	0.0	0.0	0	74.3	0.0	0.2
	13	77.0	0.0	0.0	0	79.1	0.0	0.1
	14	81.6	0.0	0.0	0	83.0	0.0	0.0
	15	86.2	0.0	0.0	0	86.4	0.0	0.1
	16	90.8	0.0	0.0	0	89.7	0.0	0.2
W	17	95.5	0.0	0.0	0	95.5	0.0	0.0
N	18	21.7	0.0	0.0	0	21.7	0.0	0.0
	19	40.1	0.0	0.0	0	34.7	0.0	0.0
Z	20	58.6	0.0	0.0	0	58.7	0.0	0.2
	21	77.0	0.0	0.0	0	79.1	0.0	0.1
W	22	95.5	0.0	0.0	0	95.5	0.0	0.0

**Start output S1**  
**Specification according to**  
**ISO/IEC 15775:1999 Annex G**  
**and DIN 33866-1:2000 Annex G**  
**relative CIELAB data used for "out"**  
 $\Delta L^* = 95.46 - 21.66$   
**Regularity**  
 $g^* = 54.2$   
**Lightness gamut relative to offset**  
 $f^* = 95.3$   
**Black - White**  
**rgb: N - W**  
**Mean CIELAB difference (17 steps)**  
 $\Delta H^*_{CIELAB} = 0.1$   
 $\Delta E^*_{CIELAB} = 2.4$   
**Mean CIELAB difference (5 steps)**  
 $\Delta H^*_{CIELAB} = 0.1$   
 $\Delta E^*_{CIELAB} = 1.6$   
**Mean colour reproduction index:**  $R^*_{ab,m} = 90$

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