

# Workflow Report: Druck\_F39\_eval nati

## Calibration

	Target	Achieved	Done ✓
White Point	D58	$\Delta a -0.1, \Delta b -0.0$	
Tonal Response	L*		
White Luminance	159.9 cd/m <sup>2</sup>	159.9 cd/m <sup>2</sup>	
Black Luminance	Min Native	0.09 cd/m <sup>2</sup>	
Contrast		1:1690	

## Profiling Results

	Target	Achieved	Done ✓
White Point	D58	$\Delta a 0.0, \Delta b -0.0$	
Tonal Response	L*		
White Luminance	159.9 cd/m <sup>2</sup>	159.9 cd/m <sup>2</sup>	
Black Luminance	Min Native	0.09 cd/m <sup>2</sup>	
Contrast		1:1690	

## Validation Results

	Target	Achieved	Tolerance	Passed ✓
White Point	D58	$\Delta a -0.0, \Delta b 0.0$	$\Delta ab 2.0$	
Tonal Response	L*			
White Luminance	159.9 cd/m <sup>2</sup>	159.8 cd/m <sup>2</sup>	+/-10.0%	
Black Luminance	Min Native	0.09 cd/m <sup>2</sup>		
Contrast		1:1776		

	$\Delta E00$	Tolerance
Average	0.85	3.00
Max. gray scale	0.52	3.00
Max. chromatic Colors	1.64	10.00
Standard Dev.	0.43	

## Evaluation Results

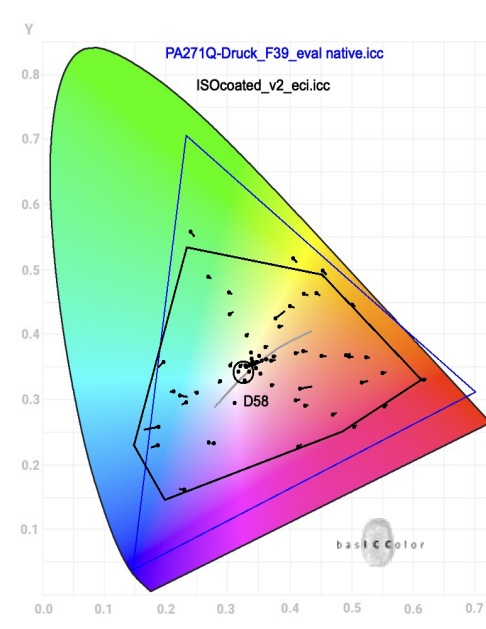
Date/Time: Do. Okt. 24 20:37:54 2019  
 Display: PA271Q  
 Profile: PA271Q-Druck\_F39\_eval native.icc  
 Instrument: basICColor DISCUS (NEC PA 271Q)



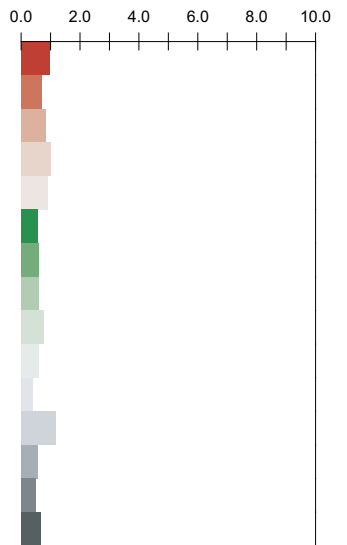
	$\Delta E00$	Tolerance
Max	3.63	10.00
Average	0.95	3.00
Max. Primaries	3.63	10.00

	$\Delta CH$	Tolerance
Max. Gray Balance	1.09	5.00



No.	C	M	Y	K	Lref	Aref	Bref	L	A	B	$\Delta E$
31	0	100	100	0	47.11	67.70	47.84	46.29	66.55	46.08	0.99
32	0	70	70	0	58.62	46.85	37.64	58.17	45.80	36.19	0.69
33	0	40	40	0	74.17	22.82	21.29	74.19	21.22	20.21	0.86
34	0	20	20	0	84.99	9.89	9.68	85.25	9.15	8.43	1.00
35	0	10	10	0	90.10	4.57	3.49	90.29	4.13	2.55	0.92
36	100	0	100	0	50.14	-64.66	26.90	49.93	-66.68	27.33	0.55
37	70	0	70	0	62.26	-39.70	20.81	62.13	-41.19	20.70	0.59
38	40	0	40	0	76.96	-19.07	10.91	77.21	-19.36	10.10	0.62
39	20	0	20	0	86.32	-8.41	4.03	86.70	-8.45	3.14	0.76
40	10	0	10	0	90.86	-4.07	0.69	91.18	-4.44	0.28	0.62
41	10	6	6	0	88.65	-0.36	-3.13	88.97	-0.59	-3.22	0.39
42	20	12	12	0	82.09	-0.96	-4.23	82.70	-1.78	-4.36	1.17
43	40	27	27	0	67.83	-2.11	-4.57	68.07	-2.52	-4.86	0.58
44	60	45	45	0	52.37	-2.66	-3.67	52.06	-2.95	-3.83	0.48
45	80	65	65	0	37.64	-4.10	-3.27	37.28	-4.04	-3.94	0.66

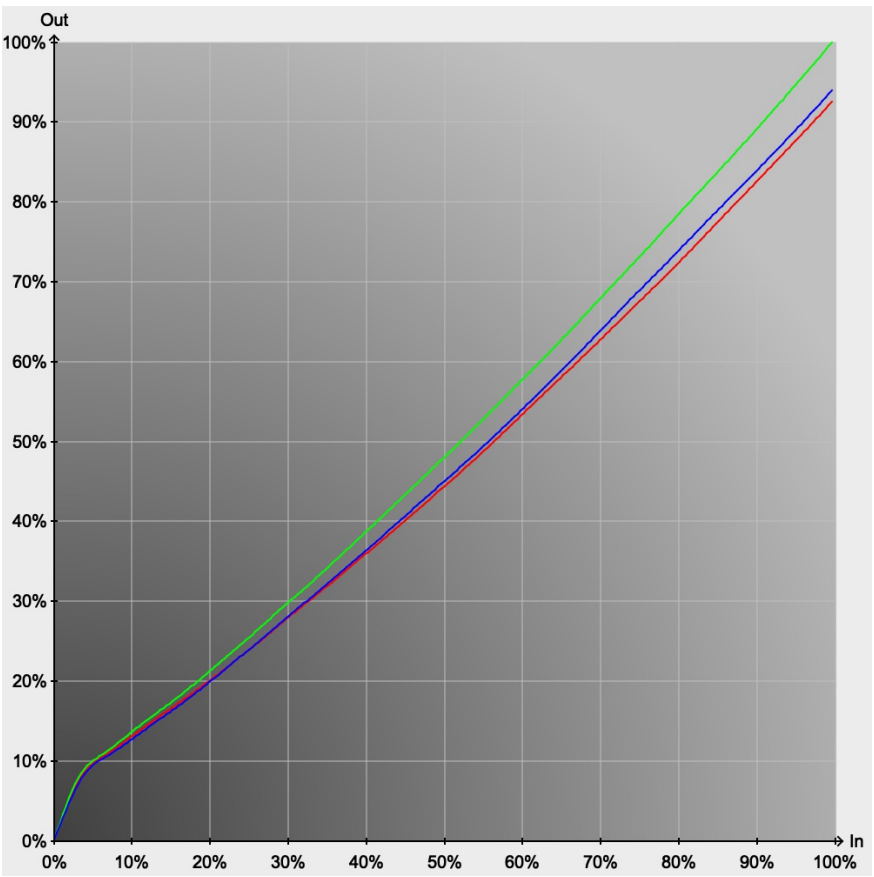


# Calibration

Date/Time: Do. Okt. 24 20:37:54 2019  
Display: PA271Q  
Profile: PA271Q-Druck\_F39\_eval native.icc  
Color Space Emulation: Monitor Native  
Instrument: basICColor DISCUS (NEC PA 271Q)

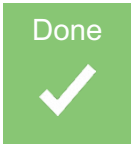


	Target	Achieved
White Point	D58	$\Delta a -0.1, \Delta b -0.0$
Tonal Response	L*	
White Luminance	159.9 cd/m <sup>2</sup>	159.9 cd/m <sup>2</sup>
Black Luminance	Min Native	0.09 cd/m <sup>2</sup>
Contrast		1:1690

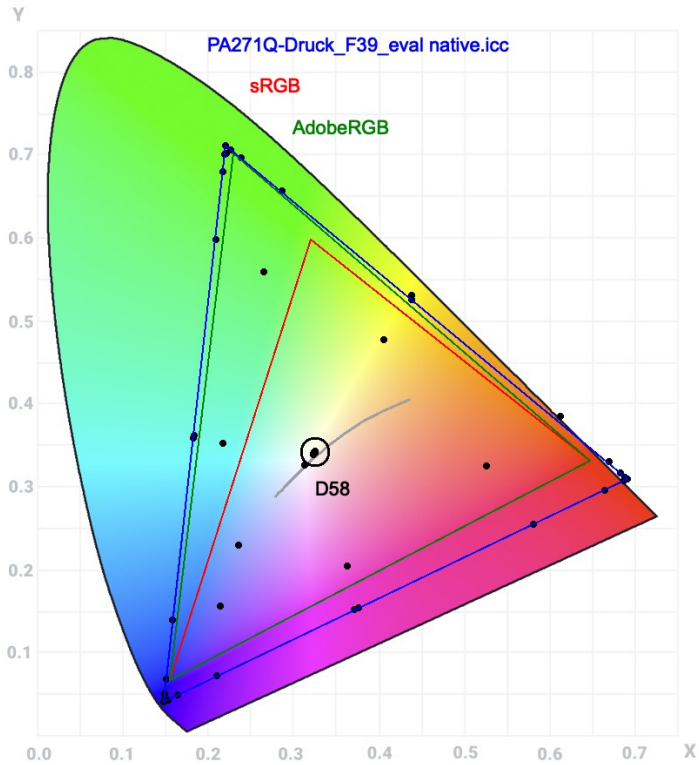


# Profiling Results

Date/Time: Do. Okt. 24 20:37:54 2019  
 Display: PA271Q  
 Profile: PA271Q-Druck\_F39\_eval native.icc  
 Color Space Emulation: Monitor Native  
 Instrument: basICColor DISCUS (NEC PA 271Q)



	Target	Achieved
White Point	D58	$\Delta a$ 0.0, $\Delta b$ -0.0
Tonal Response	L*	
White Luminance	159.9 cd/m <sup>2</sup>	159.9 cd/m <sup>2</sup>
Black Luminance	Min Native	0.09 cd/m <sup>2</sup>
Contrast		1:1690



# Validation Results

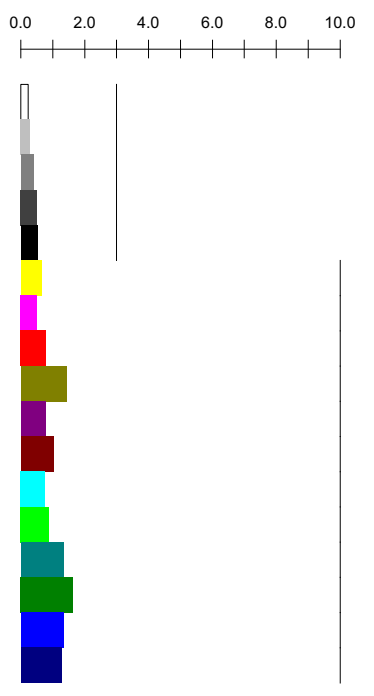
Date/Time: Do. Okt. 24 20:37:54 2019  
 Display: PA271Q  
 Profile: PA271Q-Druck\_F39\_eval native.icc  
 Color Space Emulation: Monitor Native  
 Instrument: basICColor DISCUS (NEC PA 271Q)



	Target	Achieved	Tolerance
White Point	D58	$\Delta a$ -0.0, $\Delta b$ 0.0	$\Delta ab$ 2.0
Tonal Response	L*		
White Luminance	159.9 cd/m <sup>2</sup>	159.8 cd/m <sup>2</sup>	+/-10.0%
Black Luminance	Min Native	0.09 cd/m <sup>2</sup>	
Contrast		1:1776	

	$\Delta E_{00}$	Tolerance
Average	0.85	3.00
Max. gray scale	0.52	3.00
Max. chromatic Colors	1.64	10.00
Standard Dev.	0.43	

No.	L ref	a ref	b ref	L	a	b	$\Delta E$	
1	100.00	0.00	-0.02	99.60	0.00	0.03	0.23	
2	75.00	0.00	-0.02	75.25	-0.04	-0.25	0.29	
3	50.62	0.00	0.00	50.42	-0.22	0.06	0.39	
4	26.09	0.01	0.00	25.55	0.16	-0.22	0.50	
5	0.85	0.36	-1.50	0.85	0.31	-2.06	0.52	
6	98.32	-23.45	120.62	97.67	-22.72	117.31	0.65	
7	61.45	124.77	-62.04	61.31	121.46	-61.14	0.51	
8	57.57	104.39	97.53	57.12	102.57	98.08	0.80	
9	49.67	-13.31	66.75	48.53	-11.87	64.26	1.43	
10	28.86	70.32	-35.01	28.32	67.82	-35.05	0.79	
11	26.70	58.59	45.50	25.66	56.27	43.61	1.04	
12	89.27	-84.22	-19.29	88.76	-84.49	-17.80	0.75	
13	87.23	-138.29	96.48	86.73	-132.24	93.56	0.88	
14	44.54	-47.56	-10.94	43.93	-48.81	-9.13	1.35	
15	43.38	-77.71	53.34	42.04	-72.90	50.72	1.64	
16	25.32	101.83	-125.14	26.21	95.39	-120.81	1.34	
17	9.44	53.84	-68.95	9.23	49.37	-65.95	1.29	



# Evaluation Results

Date/Time:  
Display:  
Profile:  
Instrument:

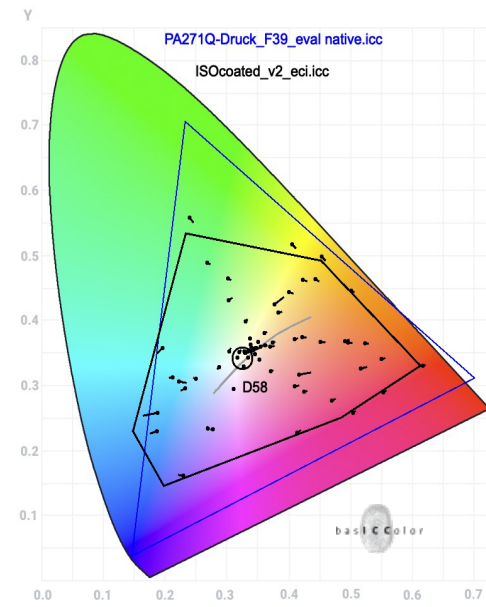
Do. Okt. 24 20:37:54 2019  
PA271Q  
PA271Q-Druck\_F39\_eval native.icc  
basICColor DISCUS (NEC PA 271Q)

Passed

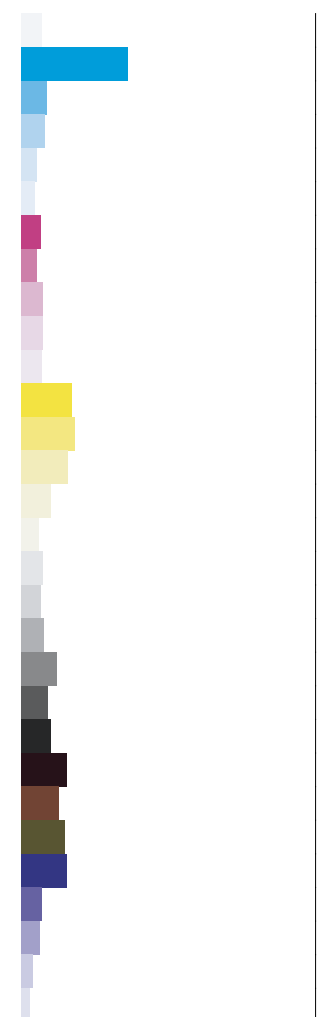
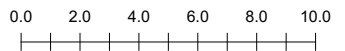


	$\Delta E_{00}$	Tolerance
Max	3.63	10.00
Average	0.95	3.00
Max. Primaries	3.63	10.00

	$\Delta CH$	Tolerance
Max. Gray Balance	1.55	5.00



No.	C	M	Y	K	Lref	Aref	Bref	L	A	B	$\Delta E$
1	0	0	0	0	95.03	0.00	-2.07	95.25	-0.39	-2.49	0.69
2	100	0	0	0	55.13	-36.86	-49.85	56.17	-27.52	-46.81	3.63
3	70	0	0	0	66.95	-24.63	-36.97	67.61	-23.18	-35.65	0.89
4	40	0	0	0	79.73	-12.54	-21.71	80.58	-12.31	-20.65	0.79
5	20	0	0	0	87.69	-5.79	-11.78	88.28	-5.91	-11.32	0.51
6	10	0	0	0	91.54	-2.91	-6.85	92.00	-3.11	-6.52	0.46
7	0	100	0	0	48.11	73.66	-3.01	47.64	73.64	-4.24	0.68
8	0	70	0	0	60.94	50.36	-6.71	60.83	49.86	-7.68	0.52
9	0	40	0	0	76.43	25.66	-6.90	76.99	25.05	-7.69	0.73
10	0	20	0	0	86.14	11.94	-5.22	86.75	11.23	-5.45	0.75
11	0	10	0	0	90.74	5.68	-3.80	91.09	5.14	-4.04	0.69
12	0	0	100	0	89.03	-4.99	92.53	88.60	-8.18	91.95	1.72
13	0	0	70	0	90.37	-4.69	62.22	90.19	-7.46	60.94	1.81
14	0	0	40	0	92.20	-3.50	31.04	92.49	-5.07	29.28	1.58
15	0	0	20	0	93.61	-1.66	13.18	93.79	-2.18	12.14	1.01
16	0	0	10	0	94.36	-0.91	5.18	94.59	-0.99	4.50	0.60
17	0	0	0	10	89.07	0.00	-1.96	89.40	-0.48	-1.92	0.73
18	0	0	0	20	82.77	-0.13	-2.00	83.31	-0.51	-2.17	0.67
19	0	0	0	40	69.26	-0.16	-1.96	69.68	-0.61	-2.21	0.75
20	0	0	0	60	54.14	-0.13	-1.17	54.05	-0.98	-1.21	1.22
21	0	0	0	80	36.61	0.00	-0.62	36.06	-0.03	-1.41	0.89
22	0	0	0	100	16.42	0.00	0.00	16.17	-0.65	-0.31	1.01
23	0	100	0	100	10.60	14.11	1.14	10.53	12.64	-0.33	1.55
24	0	70	70	60	33.45	25.18	20.71	32.44	24.19	18.89	1.27
25	0	0	70	80	34.44	-3.23	22.15	33.71	-4.50	21.34	1.50
26	100	100	0	0	24.05	21.97	-45.95	23.94	24.14	-45.52	1.55
27	70	70	0	0	41.06	17.71	-36.52	41.18	18.55	-36.21	0.71
28	40	40	0	0	63.69	10.22	-23.75	63.91	11.15	-24.17	0.63
29	20	20	0	0	79.42	4.98	-13.64	79.98	4.94	-13.47	0.40
30	10	10	0	0	87.35	2.43	-8.03	87.79	2.52	-8.13	0.31



No.	C	M	Y	K	Lref	Aref	Bref	L	A	B	$\Delta E$
31	0	100	100	0	47.11	67.70	47.84	46.29	66.55	46.08	0.99
32	0	70	70	0	58.62	46.85	37.64	58.17	45.80	36.19	0.69
33	0	40	40	0	74.17	22.82	21.29	74.19	21.22	20.21	0.86
34	0	20	20	0	84.99	9.89	9.68	85.25	9.15	8.43	1.00
35	0	10	10	0	90.10	4.57	3.49	90.29	4.13	2.55	0.92
36	100	0	100	0	50.14	-64.66	26.90	49.93	-66.68	27.33	0.55
37	70	0	70	0	62.26	-39.70	20.81	62.13	-41.19	20.70	0.59
38	40	0	40	0	76.96	-19.07	10.91	77.21	-19.36	10.10	0.62
39	20	0	20	0	86.32	-8.41	4.03	86.70	-8.45	3.14	0.76
40	10	0	10	0	90.86	-4.07	0.69	91.18	-4.44	0.28	0.62
41	10	6	6	0	88.65	-0.36	-3.13	88.97	-0.59	-3.22	0.39
42	20	12	12	0	82.09	-0.96	-4.23	82.70	-1.78	-4.36	1.17
43	40	27	27	0	67.83	-2.11	-4.57	68.07	-2.52	-4.86	0.58
44	60	45	45	0	52.37	-2.66	-3.67	52.06	-2.95	-3.83	0.48
45	80	65	65	0	37.64	-4.10	-3.27	37.28	-4.04	-3.94	0.66
46	100	85	85	0	26.46	-6.67	-3.43	25.94	-6.32	-4.18	0.87
47	100	0	0	100	10.66	-8.29	-10.39	10.29	-9.97	-10.48	1.55
48	20	100	70	60	24.37	32.39	13.01	23.62	31.03	11.26	1.20
49	70	0	70	80	24.72	-16.93	7.34	23.96	-17.15	6.34	0.92
50	100	100	100	0	23.01	0.18	0.00	22.38	0.30	-0.85	0.96
51	70	70	70	0	38.70	6.45	3.76	38.23	5.36	2.84	1.38
52	40	40	40	0	61.55	5.28	3.65	61.65	4.60	3.48	0.77
53	20	20	20	0	78.15	2.77	0.82	78.61	1.65	0.22	1.59
54	10	10	10	0	86.72	1.33	-0.78	87.02	1.24	-1.54	0.76
55	20	70	70	0	53.20	37.47	28.71	52.81	36.04	27.61	0.70
56	40	70	70	20	41.64	22.47	16.52	40.95	21.12	15.34	1.04
57	40	100	100	20	32.01	39.65	23.80	31.10	38.22	22.17	1.08
58	40	100	40	20	32.64	44.10	-1.81	32.13	43.34	-2.84	0.74
59	40	40	100	20	51.29	1.16	44.14	50.54	-0.34	43.26	1.34
60	100	40	100	20	34.66	-36.11	13.71	34.25	-36.92	13.49	0.51
61	100	40	40	20	36.06	-25.95	-20.71	35.97	-24.30	-20.27	0.78
62	100	100	40	20	21.10	9.44	-23.52	20.87	10.03	-23.64	0.47
63	10	40	40	0	71.26	18.81	17.21	71.37	17.66	16.20	0.76
64	0	40	100	0	71.30	22.00	72.70	70.88	20.12	71.70	1.03
65	0	100	40	0	47.85	70.84	16.13	47.23	70.27	14.37	0.98
66	40	100	0	0	38.14	55.01	-21.01	37.69	54.90	-22.18	0.64
67	40	0	100	0	73.67	-22.83	67.13	73.41	-25.14	67.07	1.16
68	100	0	40	0	52.48	-52.09	-20.02	52.52	-50.35	-17.51	1.19
69	100	40	0	0	43.42	-16.82	-48.52	43.77	-13.50	-47.04	1.86
70	0	0	0	0	95.03	0.00	-2.07	95.26	-0.38	-2.52	0.69
71	0	0	100	100	16.08	-3.07	11.90	15.47	-3.51	9.41	1.94
72	0	70	0	60	34.73	28.34	-4.05	34.23	27.38	-5.08	0.90
73	70	0	0	80	25.89	-10.97	-14.34	25.48	-10.11	-14.21	0.76

