



Print created by:	https://cielab.xyz	Measuring device:	EFI ES-2000 - M0
Last calibration:	2023_08_23	Measurement conditions:	D50 2gr M0
Proofing system:	EFI 7	Measuring underlay:	White Backing
Control strip:	Ugra Fogra-MediaWedge V2.2a	Printer:	Epson
Delta E format:	dE CIE76	Proof profile:	ORIS PearlProof 2023_08
Reference profile:	ISO Coated v2	Proofing substrate:	ORIS PearlProof FOGRA Sert
Reference data:	FOGRA 39L	Colorant:	Ultrachrome K3
Reference printing conditions:	ISO Coated v2	Job ID/Name	- / ISOcoated_v2_300_eci_WP_...
Fogra PSD Visual Assessment	-		

Summary

Criteria	Difference	Tolerance	Status
Average all patches	1.2 dE -	3.0	OK
Maximum all patches	3.0 dE Patch 4	6.0	OK
Paper white	0.2 dE Patch 40	3.0	OK
Cyan	0.9 dE Patch 1	5.0	OK
Magenta	3.0 dE Patch 4	5.0	OK
Yellow	0.9 dE Patch 7	5.0	OK
Black	0.9 dE Patch 23	5.0	OK
Hue difference - CMY	2.3 dH -	2.5	OK
Hue difference - CMYK	2.3 dH -	2.5	OK
Hue difference - CMYRGB	2.3 dH -	4.0	OK
Hue diff. average gray	0.6 dH -	1.5	OK
Tone value diff.	1.9 % Patch 8	10.0	OK
Average CMYK patches	0.9 dCh -	2.5	OK
Maximum weighted CMY scale	1.2 dCh -	3.0	OK
Average weighted CMY scale	0.7 dCh -	1.5	OK
Maximum weighted K scale	0.9 dL -	3.0	OK
Average weighted K scale	0.4 dL -	1.5	OK
Maximum weighted CMY scale	0.4 dL -	3.0	OK
Average weighted CMY scale	0.2 dL -	1.5	OK

Overall Result

PASSED

Measuring data analysis

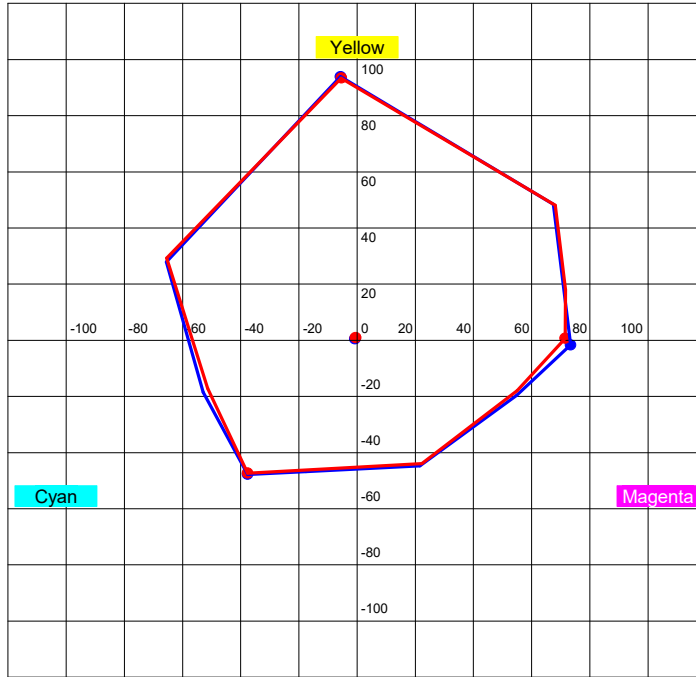
Patch ID	Reference				Measured			Color difference				Tone value diff.	Result				
	C	M	Y	K	L*	a*	b*	L*	a*	b*	Delta E			dL*	da*	db*	dH*
1	100	0	0	0	55.07	-37.63	-47.76	54.33	-37.64	-47.32	0.86	0.74	0.00	0.44	0.27	-	OK
2	70	0	0	0	66.95	-25.37	-34.73	66.68	-25.23	-34.09	0.71	0.27	0.14	0.63	0.26	-0.31%	OK
3	40	0	0	0	79.82	-13.23	-19.25	79.49	-13.40	-18.88	0.52	0.33	0.17	0.38	0.35	0.26%	OK
4	0	100	0	0	48.06	73.39	-1.64	48.52	71.56	0.66	2.97	0.47	1.83	2.29	2.28	-	OK
5	0	70	0	0	60.93	49.99	-4.99	60.86	49.73	-4.58	0.49	0.07	0.26	0.41	0.38	0.47%	OK
6	0	40	0	0	76.51	25.09	-4.76	76.95	24.68	-3.00	1.86	0.44	0.42	1.76	1.68	-0.95%	OK
7	0	0	100	0	89.11	-5.69	93.93	88.47	-5.49	93.38	0.87	0.64	0.20	0.55	0.17	-	OK
8	0	0	70	0	90.44	-5.40	63.99	89.56	-5.20	65.81	2.03	0.88	0.20	1.82	0.35	1.93%	OK
9	0	0	40	0	92.29	-4.21	33.14	91.51	-4.02	33.40	0.84	0.79	0.19	0.26	0.22	1.38%	OK
10	20	70	70	0	53.19	37.11	29.87	52.61	37.49	30.91	1.25	0.58	0.39	1.05	0.57	-	OK
11	40	70	70	20	41.64	22.10	17.53	40.74	22.07	17.87	0.96	0.91	0.03	0.35	0.29	-	OK
12	40	100	100	20	31.98	39.36	24.42	31.62	39.70	25.21	0.93	0.36	0.34	0.79	0.49	-	OK
13	40	100	40	20	32.60	43.85	-0.96	32.30	43.98	0.36	1.36	0.30	0.13	1.32	1.32	-	OK
14	40	40	100	20	51.36	0.65	45.16	50.87	0.91	44.89	0.62	0.48	0.26	0.27	0.27	-	OK
15	100	40	100	20	34.64	-37.01	14.54	34.15	-35.74	15.09	1.47	0.49	1.27	0.55	0.99	-	OK
16	100	40	40	20	36.02	-26.75	-19.60	35.50	-25.17	-18.95	1.79	0.52	1.58	0.64	0.43	-	OK
17	100	100	40	20	21.02	8.96	-22.75	20.71	9.03	-22.13	0.70	0.31	0.07	0.62	0.30	-	OK
18	0	0	0	10	89.04	-0.76	0.39	88.44	-0.42	0.69	0.75	0.60	0.34	0.29	0.44	1.14%	OK
19	0	0	0	20	82.86	-0.82	0.24	82.59	-0.56	0.48	0.45	0.27	0.27	0.25	0.34	0.28%	OK
20	0	0	0	40	69.35	-0.82	-0.10	69.63	-0.41	0.14	0.55	0.28	0.41	0.24	0.27	-0.70%	OK
21	0	0	0	60	54.22	-0.77	0.32	55.30	-0.13	0.86	1.37	1.08	0.64	0.54	0.83	-1.39%	OK
22	0	0	0	80	36.69	-0.64	0.39	36.27	-0.45	0.32	0.47	0.42	0.19	0.07	0.05	0.10%	OK
23	0	0	0	100	16.06	-0.62	0.39	15.43	-0.44	1.03	0.92	0.63	0.18	0.65	0.55	-	OK
24	100	100	0	0	23.95	21.54	-44.75	23.64	22.20	-43.89	1.13	0.31	0.66	0.86	0.97	-	OK
25	70	70	0	0	41.00	17.26	-34.97	39.51	18.35	-33.85	2.16	1.49	1.09	1.12	1.49	-	OK
26	40	40	0	0	63.77	9.69	-21.70	63.66	10.28	-20.52	1.32	0.11	0.59	1.18	1.04	-	OK
27	0	100	100	0	47.07	67.40	48.51	46.60	68.09	48.10	0.93	0.47	0.69	0.41	0.74	-	OK
28	0	70	70	0	58.61	46.48	38.80	57.89	46.59	40.20	1.58	0.72	0.11	1.40	0.99	-	OK
29	0	40	40	0	74.26	22.27	23.05	73.68	22.95	24.53	1.73	0.59	0.68	1.48	0.53	-	OK
30	100	0	100	0	50.09	-65.61	27.95	49.25	-65.48	29.30	1.60	0.84	0.14	1.36	1.30	-	OK
31	70	0	70	0	62.25	-40.51	22.31	61.49	-40.22	23.36	1.33	0.76	0.29	1.05	1.06	-	OK
32	40	0	40	0	77.05	-19.75	12.91	76.90	-19.03	13.57	0.99	0.15	0.71	0.67	0.95	-	OK
33	10	40	40	0	71.29	18.18	18.86	70.72	18.90	19.40	1.07	0.57	0.73	0.54	0.15	-	OK
34	0	40	100	0	71.36	21.46	73.87	70.95	22.27	73.62	0.94	0.42	0.82	0.25	0.85	-	OK
35	0	100	40	0	47.81	70.57	17.25	47.37	71.67	18.03	1.42	0.44	1.10	0.78	0.49	-	OK
36	40	100	0	0	38.09	54.76	-19.66	37.73	55.04	-17.89	1.83	0.36	0.28	1.77	1.77	-	OK
37	40	0	100	0	73.75	-23.52	68.48	73.28	-22.83	67.62	1.20	0.47	0.69	0.86	0.38	-	OK
38	100	0	40	0	52.42	-52.94	-18.49	51.46	-51.41	-17.06	2.30	0.96	1.53	1.43	0.86	-	OK
39	100	40	0	0	43.38	-17.60	-46.76	43.02	-16.76	-46.07	1.15	0.36	0.84	0.68	0.55	-	OK
40	0	0	0	0	95.50	-0.20	1.00	95.36	-0.08	1.13	0.23	0.14	0.12	0.13	0.14	-	OK
41	10	6	6	0	88.62	-1.07	-0.74	88.18	-0.42	-0.76	0.79	0.44	0.65	0.02	0.48	-	OK
42	20	12	12	0	82.07	-1.54	-1.84	82.10	-1.00	-1.80	0.54	0.03	0.54	0.04	0.42	-	OK
43	40	27	27	0	67.76	-2.60	-2.50	67.67	-1.83	-3.15	1.01	0.09	0.77	0.65	1.01	-	OK
44	60	45	45	0	52.32	-3.12	-2.09	52.71	-1.81	-1.71	1.42	0.39	1.31	0.37	0.51	-	OK
45	80	65	65	0	37.60	-4.52	-2.12	36.91	-4.23	-1.64	0.89	0.68	0.28	0.49	0.33	-	OK
46	100	85	85	0	26.37	-7.39	-2.77	25.98	-6.15	-3.01	1.32	0.39	1.24	0.24	0.71	-	OK

Color space comparison

- Reference
- Measured

Primary colors

- Reference
 - C: L*55.07 a*-37.63 b*-47.76
 - M: L*48.06 a*73.39 b*-1.64
 - Y: L*89.11 a*-5.69 b*93.93
 - K: L*16.06 a*-0.62 b*0.39
- Measured
 - C: L*54.33 a*-37.64 b*-47.32
 - M: L*48.52 a*71.56 b*0.66
 - Y: L*88.47 a*-5.49 b*93.38
 - K: L*15.43 a*-0.44 b*1.03



Gradation Curves

