



Print created by:	https://cielab.xyz	Measuring device:	EFI ES-2000 - M0
Last calibration:	2023_08_24 (3cc granularity 41)	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	0.7 dE -	3.0	OK
Maximum all patches	2.3 dE Patch 4	6.0	OK
Paper white	0.2 dE Patch 40	3.0	OK
Cyan	0.8 dE Patch 1	5.0	OK
Magenta	2.3 dE Patch 4	5.0	OK
Yellow	0.9 dE Patch 7	5.0	OK
Black	0.7 dE Patch 23	5.0	OK
Hue difference - CMY	1.2 dH -	2.5	OK
Hue difference - CMYK	1.2 dH -	2.5	OK
Hue difference - CMYRGB	1.2 dH -	4.0	OK
Hue diff. average gray	0.4 dH -	1.5	OK
Tone value diff.	0.8 % Patch 8	10.0	OK
Average CMYK patches	0.5 dCh -	2.5	OK
Maximum weighted CMY scale	0.6 dCh -	3.0	OK
Average weighted CMY scale	0.3 dCh -	1.5	OK
Maximum weighted K scale	0.3 dL -	3.0	OK
Average weighted K scale	0.1 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

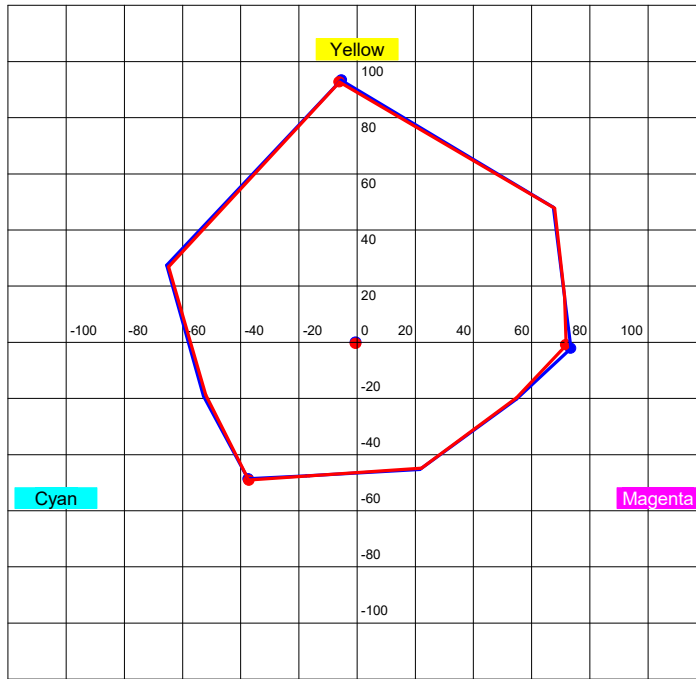
Patch ID	Reference				Measured			Color difference							Result		
	C	M	Y	K	L*	a*	b*	Delta E	dL*	da*	db*	dH*	Tone value diff.				
1	100	0	0	0	55.01	-37.49	-48.61	54.36	-37.28	-49.06	0.82	0.64	0.21	0.45	0.44	-	OK
2	70	0	0	0	66.88	-25.21	-35.62	66.95	-24.88	-35.72	0.35	0.08	0.33	0.10	0.33	-0.61%	OK
3	40	0	0	0	79.73	-13.05	-20.19	79.81	-13.14	-19.95	0.27	0.08	0.09	0.24	0.21	-0.17%	OK
4	0	100	0	0	48.00	73.46	-2.22	49.03	71.82	-1.00	2.29	1.03	1.64	1.22	1.18	-	OK
5	0	70	0	0	60.86	50.10	-5.70	61.08	49.88	-5.53	0.35	0.22	0.22	0.17	0.15	0.69%	OK
6	0	40	0	0	76.43	25.25	-5.61	76.59	25.28	-5.47	0.21	0.16	0.04	0.14	0.15	0.46%	OK
7	0	0	100	0	89.02	-5.51	93.40	88.92	-6.11	92.68	0.94	0.10	0.60	0.72	0.64	-	OK
8	0	0	70	0	90.35	-5.20	63.31	89.97	-5.20	63.59	0.47	0.38	0.01	0.29	0.03	0.85%	OK
9	0	0	40	0	92.20	-4.02	32.31	91.98	-4.19	31.68	0.69	0.21	0.18	0.63	0.25	-0.04%	OK
10	20	70	70	0	53.13	37.21	29.37	53.35	37.64	30.54	1.27	0.22	0.43	1.16	0.64	-	OK
11	40	70	70	20	41.59	22.19	17.09	41.63	22.60	17.73	0.76	0.04	0.40	0.64	0.26	-	OK
12	40	100	100	20	31.94	39.42	24.10	31.67	38.99	24.31	0.55	0.27	0.43	0.21	0.41	-	OK
13	40	100	40	20	32.56	43.91	-1.40	32.77	44.20	-0.90	0.61	0.21	0.28	0.29	0.50	-	OK
14	40	40	100	20	51.30	0.77	44.75	51.30	0.97	44.79	0.20	0.01	0.20	0.04	0.20	-	OK
15	100	40	100	20	34.59	-36.90	14.14	34.23	-36.10	14.11	0.88	0.36	0.81	0.04	0.26	-	OK
16	100	40	40	20	35.98	-26.64	-20.15	35.83	-26.04	-19.97	0.64	0.15	0.60	0.17	0.22	-	OK
17	100	100	40	20	20.99	9.02	-23.18	20.67	9.04	-23.12	0.33	0.32	0.02	0.07	0.05	-	OK
18	0	0	0	10	88.95	-0.57	-0.55	88.99	-0.50	-0.86	0.32	0.05	0.07	0.31	0.25	0.17%	OK
19	0	0	0	20	82.77	-0.65	-0.65	83.08	-0.38	-0.99	0.53	0.31	0.27	0.34	0.41	-0.45%	OK
20	0	0	0	40	69.27	-0.67	-0.87	69.35	-0.72	-1.02	0.18	0.08	0.04	0.15	0.05	-0.02%	OK
21	0	0	0	60	54.15	-0.64	-0.31	54.24	-0.26	-0.09	0.45	0.08	0.38	0.21	0.04	-0.09%	OK
22	0	0	0	80	36.64	-0.54	-0.08	36.71	-0.54	-0.20	0.14	0.06	0.01	0.12	0.11	-0.10%	OK
23	0	0	0	100	16.04	-0.56	0.10	15.59	-0.41	-0.36	0.66	0.44	0.15	0.46	0.48	-	OK
24	100	100	0	0	23.91	21.60	-45.30	23.77	22.09	-44.78	0.73	0.14	0.49	0.52	0.67	-	OK
25	70	70	0	0	40.95	17.35	-35.63	40.88	18.31	-35.20	1.05	0.07	0.96	0.43	1.05	-	OK
26	40	40	0	0	63.70	9.82	-22.51	64.56	10.20	-21.90	1.12	0.86	0.37	0.62	0.59	-	OK
27	0	100	100	0	47.02	67.48	48.16	46.68	67.90	47.79	0.65	0.33	0.42	0.37	0.54	-	OK
28	0	70	70	0	58.54	46.59	38.30	58.51	46.96	38.62	0.49	0.04	0.37	0.32	0.01	-	OK
29	0	40	40	0	74.18	22.42	22.34	74.32	22.53	22.79	0.48	0.14	0.12	0.46	0.24	-	OK
30	100	0	100	0	50.03	-65.47	27.47	49.79	-64.76	26.86	0.97	0.25	0.71	0.61	0.29	-	OK
31	70	0	70	0	62.18	-40.35	21.70	62.38	-39.77	22.35	0.89	0.20	0.58	0.65	0.85	-	OK
32	40	0	40	0	76.96	-19.57	12.12	77.35	-19.17	12.39	0.62	0.38	0.40	0.27	0.44	-	OK
33	10	40	40	0	71.21	18.32	18.16	71.68	18.46	18.66	0.70	0.47	0.14	0.50	0.25	-	OK
34	0	40	100	0	71.29	21.60	73.40	71.65	21.20	73.95	0.77	0.36	0.39	0.54	0.53	-	OK
35	0	100	40	0	47.75	70.65	16.75	47.57	71.33	16.52	0.74	0.18	0.68	0.23	0.38	-	OK
36	40	100	0	0	38.04	54.83	-20.23	38.18	54.79	-19.73	0.52	0.14	0.04	0.50	0.46	-	OK
37	40	0	100	0	73.67	-23.35	67.97	73.98	-23.02	68.07	0.46	0.32	0.32	0.09	0.34	-	OK
38	100	0	40	0	52.36	-52.79	-19.19	52.38	-52.08	-18.70	0.86	0.02	0.72	0.49	0.22	-	OK
39	100	40	0	0	43.33	-17.48	-47.49	43.33	-16.51	-47.59	0.98	0.00	0.97	0.10	0.95	-	OK
40	0	0	0	0	95.40	0.00	0.00	95.53	0.17	0.03	0.22	0.14	0.17	0.03	0.00	-	OK
41	10	6	6	0	88.52	-0.89	-1.68	88.88	-0.49	-1.81	0.55	0.36	0.39	0.13	0.41	-	OK
42	20	12	12	0	81.98	-1.37	-2.73	82.42	-1.36	-2.72	0.44	0.43	0.01	0.01	0.01	-	OK
43	40	27	27	0	67.68	-2.45	-3.26	67.90	-1.88	-3.48	0.65	0.21	0.57	0.21	0.59	-	OK
44	60	45	45	0	52.26	-3.00	-2.71	52.07	-2.31	-2.54	0.74	0.18	0.69	0.17	0.36	-	OK
45	80	65	65	0	37.55	-4.42	-2.61	37.70	-4.23	-2.23	0.45	0.15	0.19	0.39	0.25	-	OK
46	100	85	85	0	26.33	-7.31	-3.16	26.48	-6.61	-3.50	0.79	0.15	0.70	0.34	0.61	-	OK

Color space comparison

- Reference
- Measured

Primary colors

- Reference
 - C: L*55.01 a*-37.49 b*-48.61
 - M: L*48.00 a*73.46 b*-2.22
 - Y: L*89.02 a*-5.51 b*93.40
 - K: L*16.04 a*-0.56 b*0.10
- Measured
 - C: L*54.36 a*-37.28 b*-49.06
 - M: L*49.03 a*71.82 b*-1.00
 - Y: L*88.92 a*-6.11 b*92.68
 - K: L*15.59 a*-0.41 b*-0.36



Gradation Curves

