



Print created by:	https://cielab.xyz	Measuring device:	EFI ES-2000 - M0
Last calibration:	2023_08_24	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	0.9 dE -	3.0	OK
Maximum all patches	2.5 dE Patch 7	6.0	OK
Paper white	0.7 dE Patch 40	3.0	OK
Cyan	0.9 dE Patch 1	5.0	OK
Magenta	2.0 dE Patch 4	5.0	OK
Yellow	2.5 dE Patch 7	5.0	OK
Black	1.0 dE Patch 23	5.0	OK
Hue difference - CMY	1.1 dH -	2.5	OK
Hue difference - CMYK	1.1 dH -	2.5	OK
Hue difference - CMYRGB	1.1 dH -	4.0	OK
Hue diff. average gray	0.4 dH -	1.5	OK
Tone value diff.	1.3 % Patch 9	10.0	OK
Average CMYK patches	0.6 dCh -	2.5	OK
Maximum weighted CMY scale	0.8 dCh -	3.0	OK
Average weighted CMY scale	0.4 dCh -	1.5	OK
Maximum weighted K scale	0.5 dL -	3.0	OK
Average weighted K scale	0.2 dL -	1.5	OK
Maximum weighted CMY scale	0.5 dL -	3.0	OK
Average weighted CMY scale	0.2 dL -	1.5	OK

Overall Result

PASSED

Measuring data analysis

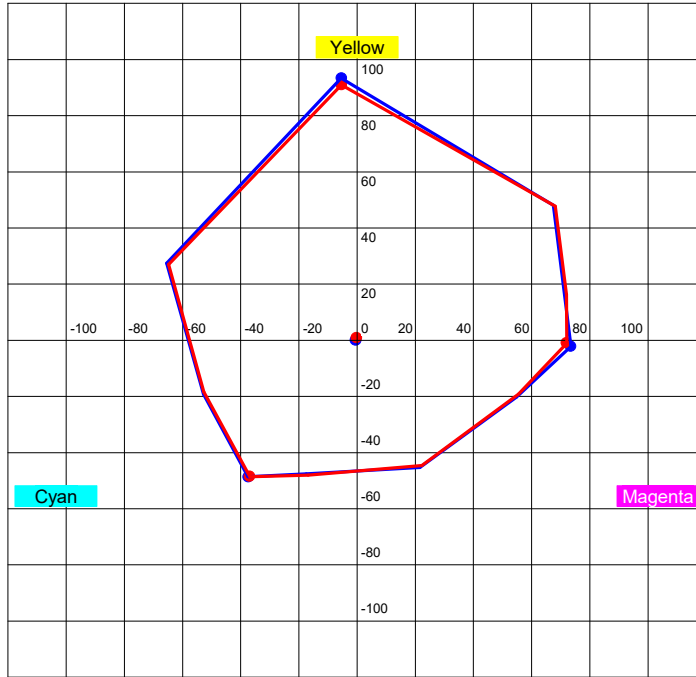
Patch ID	Reference				Measured			Color difference							Result		
	C	M	Y	K	L*	a*	b*	L*	a*	b*	Delta E	dL*	da*	db*		dH*	Tone value diff.
1	100	0	0	0	55.01	-37.49	-48.61	54.40	-36.87	-48.57	0.87	0.61	0.62	0.04	0.47	-	OK
2	70	0	0	0	66.88	-25.21	-35.62	66.77	-24.88	-35.77	0.38	0.10	0.33	0.15	0.36	-0.35%	OK
3	40	0	0	0	79.73	-13.05	-20.19	79.89	-12.70	-20.01	0.42	0.16	0.35	0.19	0.19	-0.82%	OK
4	0	100	0	0	48.00	73.46	-2.22	48.80	72.03	-1.05	2.01	0.80	1.43	1.17	1.14	-	OK
5	0	70	0	0	60.86	50.10	-5.70	61.18	49.35	-5.38	0.88	0.32	0.75	0.32	0.23	0.23%	OK
6	0	40	0	0	76.43	25.25	-5.61	76.17	24.73	-5.27	0.67	0.27	0.52	0.35	0.23	1.05%	OK
7	0	0	100	0	89.02	-5.51	93.40	88.48	-5.38	90.97	2.49	0.54	0.13	2.42	0.02	-	OK
8	0	0	70	0	90.35	-5.20	63.31	89.64	-5.11	62.25	1.28	0.71	0.09	1.06	0.00	0.76%	OK
9	0	0	40	0	92.20	-4.02	32.31	91.36	-4.14	31.23	1.37	0.84	0.12	1.08	0.26	1.26%	OK
10	20	70	70	0	53.13	37.21	29.37	53.45	38.06	30.18	1.22	0.32	0.85	0.80	0.10	-	OK
11	40	70	70	20	41.59	22.19	17.09	41.91	22.68	17.63	0.80	0.32	0.48	0.55	0.14	-	OK
12	40	100	100	20	31.94	39.42	24.10	31.90	39.59	24.51	0.45	0.04	0.17	0.41	0.26	-	OK
13	40	100	40	20	32.56	43.91	-1.40	32.98	43.99	-0.57	0.93	0.43	0.08	0.83	0.83	-	OK
14	40	40	100	20	51.30	0.77	44.75	51.34	1.18	45.17	0.59	0.04	0.41	0.42	0.40	-	OK
15	100	40	100	20	34.59	-36.90	14.14	34.21	-36.27	13.46	1.00	0.38	0.63	0.68	0.42	-	OK
16	100	40	40	20	35.98	-26.64	-20.15	36.20	-25.31	-20.17	1.35	0.22	1.33	0.03	0.84	-	OK
17	100	100	40	20	20.99	9.02	-23.18	21.06	8.77	-22.93	0.36	0.07	0.25	0.25	0.14	-	OK
18	0	0	0	10	88.95	-0.57	-0.55	88.76	-0.43	-0.30	0.34	0.18	0.14	0.25	0.10	0.42%	OK
19	0	0	0	20	82.77	-0.65	-0.65	82.77	-0.21	-0.42	0.50	0.00	0.43	0.23	0.20	-0.01%	OK
20	0	0	0	40	69.27	-0.67	-0.87	69.15	-0.37	-1.01	0.35	0.12	0.31	0.14	0.34	0.21%	OK
21	0	0	0	60	54.15	-0.64	-0.31	54.76	0.34	0.22	1.27	0.61	0.98	0.52	1.07	-0.62%	OK
22	0	0	0	80	36.64	-0.54	-0.08	36.86	-0.60	-0.02	0.24	0.21	0.05	0.06	0.07	-0.06%	OK
23	0	0	0	100	16.04	-0.56	0.10	16.40	-0.27	0.93	0.95	0.37	0.30	0.83	0.79	-	OK
24	100	100	0	0	23.91	21.60	-45.30	24.16	22.24	-44.58	1.00	0.25	0.64	0.72	0.89	-	OK
25	70	70	0	0	40.95	17.35	-35.63	41.10	18.71	-35.23	1.43	0.15	1.36	0.40	1.39	-	OK
26	40	40	0	0	63.70	9.82	-22.51	64.59	10.19	-21.67	1.28	0.89	0.37	0.85	0.69	-	OK
27	0	100	100	0	47.02	67.48	48.16	46.78	68.07	47.77	0.75	0.24	0.59	0.38	0.65	-	OK
28	0	70	70	0	58.54	46.59	38.30	58.85	46.40	39.49	1.24	0.31	0.19	1.19	1.04	-	OK
29	0	40	40	0	74.18	22.42	22.34	74.32	22.36	22.94	0.62	0.14	0.06	0.60	0.47	-	OK
30	100	0	100	0	50.03	-65.47	27.47	50.12	-64.77	27.05	0.82	0.09	0.70	0.42	0.12	-	OK
31	70	0	70	0	62.18	-40.35	21.70	62.52	-40.00	22.85	1.25	0.35	0.35	1.15	1.18	-	OK
32	40	0	40	0	76.96	-19.57	12.12	77.22	-18.83	12.12	0.78	0.26	0.74	0.01	0.39	-	OK
33	10	40	40	0	71.21	18.32	18.16	71.39	18.40	18.49	0.38	0.18	0.08	0.33	0.18	-	OK
34	0	40	100	0	71.29	21.60	73.40	71.60	21.60	74.35	1.00	0.31	0.00	0.94	0.26	-	OK
35	0	100	40	0	47.75	70.65	16.75	47.53	71.96	16.30	1.40	0.22	1.31	0.45	0.73	-	OK
36	40	100	0	0	38.04	54.83	-20.23	38.60	55.45	-19.13	1.38	0.56	0.61	1.10	1.25	-	OK
37	40	0	100	0	73.67	-23.35	67.97	73.90	-22.40	68.91	1.36	0.23	0.94	0.94	1.19	-	OK
38	100	0	40	0	52.36	-52.79	-19.19	52.53	-52.67	-18.31	0.90	0.17	0.12	0.88	0.79	-	OK
39	100	40	0	0	43.33	-17.48	-47.49	43.84	-16.85	-47.95	0.93	0.52	0.63	0.46	0.75	-	OK
40	0	0	0	0	95.40	0.00	0.00	95.38	-0.02	-0.74	0.74	0.02	0.02	0.74	0.00	-	OK
41	10	6	6	0	88.52	-0.89	-1.68	88.46	-0.97	-1.93	0.41	0.06	0.32	0.24	0.39	-	OK
42	20	12	12	0	81.98	-1.37	-2.73	82.14	-0.97	-2.54	0.47	0.15	0.40	0.19	0.28	-	OK
43	40	27	27	0	67.68	-2.45	-3.26	67.81	-1.70	-3.05	0.79	0.12	0.75	0.21	0.51	-	OK
44	60	45	45	0	52.26	-3.00	-2.71	52.83	-2.09	-2.61	1.08	0.57	0.91	0.10	0.59	-	OK
45	80	65	65	0	37.55	-4.42	-2.61	37.88	-4.42	-2.56	0.33	0.33	0.00	0.05	0.05	-	OK
46	100	85	85	0	26.33	-7.31	-3.16	26.99	-6.49	-3.54	1.12	0.66	0.82	0.38	0.70	-	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*54.40 a*-36.87 b*-48.57
 - M: L*48.80 a*72.03 b*-1.05
 - Y: L*88.48 a*-5.38 b*90.97
 - K: L*16.40 a*-0.27 b*0.93



Gradation Curves

