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Armstrong Infusions Lay-In Panels Colorimetric Data

Date: June 11, 2011
 Version: 1.00A

The following Armstrong Infusions colorimetric data were derived from CIE La*b* and Y (transmittance) data presented in Armstrong document “Infusions Light Transmission Rates per ASTM D1003-00 using Hunterlab Colorquest XE Spectrophotometer,” available from www.armstrong.com/infusions.

NOTES

1. The RGB values are based on industry-standard ITU BT.709 phosphor chromaticities for HDTV and computer monitor displays with a white point of 6500 Kelvin.
2. Negative RGB values (highlighted in yellow) indicate that the panel color is outside the display color gamut. The closest desaturated color $\{x_d, y_d\}$ and its corresponding RGB values are shown in the rightmost columns.
3. **NOTE:** The RGB values are intended for use with Lighting Analysts’ *AGi32* lighting design software. They are not gamma-corrected, and will not display properly in programs such as Microsoft Paint™.

CIE Illuminant D65 (6500 Kelvin Daylight)

Armstrong Name	L*	a*	b*	X	Y	Z	x	y	Trans (%)	R	G	B	Rd	Gd	Bd
BEADS Large Kiwi	83.91	-4.08	5.68	59.01	63.89	62.91	0.32	0.34	64	157	166	145			
BEADS Large Lagoon	61.34	-15.75	-34.25	24.35	29.63	64.05	0.21	0.25	30	4	88	161			
BEADS Large Plum	60.36	19.19	-10.74	32.13	28.52	39.29	0.32	0.29	29	104	61	96			
BEADS Large Reef	78.27	-12.47	-7.73	46.45	53.66	67.16	0.28	0.32	54	88	149	160			

BEADS Large Tangerine	68.31	35.36	40.14	48.22	38.40	15.86	0.47	0.37	38	228	66	30			
BEADS Small Kiwi	82.75	-4.10	5.80	56.95	61.69	60.53	0.32	0.34	62	152	161	139			
BEADS Small Lagoon	59.95	-15.33	-32.72	23.09	28.06	59.65	0.21	0.25	28	5	83	149			
BEADS Small Plum	58.90	18.10	-9.96	30.13	26.92	36.63	0.32	0.29	27	97	58	89			
BEADS Small Reef	75.57	-12.33	-7.47	42.50	49.19	61.53	0.28	0.32	49	80	137	146			
BEADS Small Tangerine	67.17	33.57	37.93	45.81	36.85	15.96	0.46	0.37	37	214	65	30			
Blue Arbor	68.15	-2.56	3.37	35.52	38.18	38.74	0.32	0.34	38	95	99	90			
Blue Linen	81.88	-1.63	0.83	56.44	60.08	64.45	0.31	0.33	60	149	155	151			
Blueberry Bliss	27.06	-7.40	-19.56	4.30	5.11	11.22	0.21	0.25	5	1	15	28			
BRANCHES Latte	47.93	6.32	6.53	17.03	16.74	15.18	0.35	0.34	17	56	40	35			
BRANCHES Cinnamon	22.70	9.65	12.33	4.17	3.71	2.19	0.41	0.37	4	17	8	5			
Budding Creativity	45.09	-7.80	53.41	12.69	14.61	1.91	0.43	0.50	15	45	39	-1	44	39	0
Calm Water	92.13	-0.16	1.12	76.89	80.99	86.60	0.31	0.33	81	208	207	202			
Caribbean Renewal	91.91	-0.31	2.24	76.34	80.49	84.51	0.32	0.33	80	208	205	197			
Chalk Folio	91.69	0.56	1.53	76.32	80.01	84.98	0.32	0.33	80	209	203	198			
Channeled Caribbean	91.36	-3.39	1.62	73.69	79.26	84.05	0.31	0.33	79	191	206	196			
Channeled Caribbean	90.44	-4.25	1.93	71.41	77.26	81.49	0.31	0.34	77	184	202	190			
Channeled Fire	59.16	58.76	37.43	42.62	27.20	10.65	0.53	0.34	27	232	26	21			
Channeled Fire	58.22	58.55	37.19	41.23	26.20	10.18	0.53	0.34	26	225	25	20			
Channeled Intellect	91.58	0.01	1.16	75.81	79.76	85.22	0.31	0.33	80	205	203	199			
Channeled Midnight	76.94	-3.39	-18.80	47.66	51.44	78.12	0.27	0.29	51	93	137	191			
Channeled Midnight	78.76	-3.44	-16.67	50.52	54.52	79.45	0.27	0.30	55	103	144	193			
Channeled Mist	82.65	0.60	3.75	58.72	61.52	62.65	0.32	0.34	62	164	156	145			
Channeled Mist	88.61	0.67	1.99	70.02	73.35	77.25	0.32	0.33	73	193	186	180			
Channeled Sunset	76.32	19.04	53.44	55.13	50.42	16.09	0.45	0.41	50	237	107	25			
Channeled Sunset	81.05	14.92	52.41	61.83	58.56	20.65	0.44	0.42	59	255	129	34			
Channeled Vision	70.19	1.39	9.33	39.42	41.02	36.77	0.34	0.35	41	118	103	83			
Cinnamon Sanity	15.43	13.27	20.49	2.50	1.99	0.52	0.50	0.40	2	12	3	1			
Clear Arbor	88.97	0.31	1.62	70.58	74.11	78.54	0.32	0.33	74	193	188	183			
Crushed Copper	78.15	0.79	0.20	51.11	53.46	57.99	0.31	0.33	53	139	136	136			

Crystalline Focus	67.01	0.66	1.15	35.03	36.65	38.95	0.32	0.33	37	96	93	91			
Crystalline Focus	58.34	0.28	3.30	26.11	27.40	27.59	0.32	0.34	27	73	69	64			
Crystalline Silverado	64.57	0.08	0.16	31.86	33.50	36.35	0.31	0.33	34	86	85	85			
Crystalline Sky	57.75	-0.31	0.18	24.18	25.52	27.67	0.31	0.33	26	65	65	65			
Cultured Pearl	49.28	0.54	1.43	17.03	17.82	18.67	0.32	0.33	18	47	45	43			
DOTS Blueberry	14.12	-6.52	-26.61	1.42	1.75	6.59	0.15	0.18	2	-3	6	17	0	5	12
DOTS Cinnamon	38.69	16.68	31.00	12.23	10.48	3.45	0.47	0.40	10	56	20	6			
Goodness Grape	74.39	3.81	-3.60	46.31	47.32	55.18	0.31	0.32	47	127	118	131			
Honey Canvas	68.99	0.12	9.90	37.42	39.33	34.72	0.34	0.35	39	111	99	78			
Indigo Surf	76.28	-2.66	-3.22	46.90	50.35	58.22	0.30	0.32	50	116	131	137			
Inspiration Ice	68.69	1.01	1.70	37.30	38.92	40.91	0.32	0.33	39	104	98	95			
Linen Gold	70.76	5.56	13.67	41.55	41.83	34.16	0.35	0.36	42	136	101	76			
Loyalty Latte	73.71	-0.50	8.95	43.79	46.25	42.11	0.33	0.35	46	127	117	96			
Mica Weave	60.64	2.45	22.32	28.02	28.84	18.03	0.37	0.39	29	96	71	38			
Midnight Dream	79.57	-2.47	-15.74	52.20	55.92	80.05	0.28	0.30	56	110	147	194			
Natural Faith	50.49	1.72	10.39	18.22	18.83	15.42	0.35	0.36	19	57	47	34			
Natural Linen	79.96	0.17	4.55	53.86	56.60	56.68	0.32	0.34	57	151	144	131			
OARS Black	54.81	1.25	3.27	21.89	22.75	22.83	0.32	0.34	23	63	57	53			
OARS Latte	58.15	3.24	7.63	25.59	26.12	23.65	0.34	0.35	26	79	64	54			
Orange Arbor	83.49	2.05	1.14	60.82	63.09	67.33	0.32	0.33	63	170	159	157			
OVALS Teal	59.92	0.02	0.07	26.64	28.03	30.47	0.31	0.33	28	72	71	71			
OVALS Grape	68.22	0.23	-0.21	36.44	38.27	41.85	0.31	0.33	38	98	97	98			
Peace Blue	39.64	-9.56	-6.96	9.29	11.04	14.83	0.26	0.31	11	15	31	36			
Peace Blue	50.60	-4.81	-2.77	17.10	18.93	22.14	0.29	0.33	19	39	51	52			
Red Arbor	21.45	43.53	31.33	6.54	3.36	0.50	0.63	0.32	3	40	0	1			
Red Fire	26.05	47.21	33.64	9.06	4.76	0.80	0.62	0.33	5	55	0	1			
Refined Black	56.57	1.58	4.52	4.32	4.48	4.37	0.33	0.34	4	13	11	10			
Refined Cranberry	7.01	21.63	10.50	1.34	0.78	0.34	0.55	0.32	1	8	0	1			
Refined Kiwi	86.50	-12.24	10.69	60.28	69.00	62.30	0.31	0.36	69	148	188	141			
Refined Lagoon	66.57	-16.80	-35.80	29.64	36.06	76.95	0.21	0.25	36	6	107	193			

Refined Plum	62.77	20.74	-13.41	35.55	31.31	45.22	0.32	0.28	31	114	67	111			
Refined Reef	84.30	-13.01	-9.67	56.05	64.64	82.86	0.28	0.32	65	104	179	198			
Refined Tangerine	70.77	36.74	41.13	52.70	41.86	17.37	0.47	0.37	42	249	72	33			
Saffron Energy	59.20	6.95	53.59	27.59	27.24	5.99	0.45	0.45	27	114	63	6			
Sage Happiness	58.32	-6.55	28.48	24.46	27.38	14.02	0.37	0.42	27	77	72	27			
Sedona Spirit	17.04	31.17	27.46	3.98	2.31	0.35	0.60	0.35	2	23	1	0			
Silver Orbit	84.47	0.84	0.78	62.11	64.97	69.79	0.32	0.33	65	170	165	163			
SPLASH Kiwi	82.38	-4.16	6.02	56.28	61.00	59.59	0.32	0.34	61	150	159	137			
SPLASH Lagoon	59.75	-15.26	-33.54	22.92	27.84	60.18	0.21	0.25	28	4	83	151			
SPLASH Plum	57.80	20.37	-11.26	29.48	25.75	36.16	0.32	0.28	26	97	54	88			
SPLASH Reef	77.94	-12.65	-7.78	45.89	53.11	66.57	0.28	0.32	53	86	148	158			
SPLASH Tangerine	69.49	33.55	37.85	49.40	40.02	17.89	0.46	0.37	40	229	71	34			
Spun Copper	78.69	1.27	0.96	52.18	54.39	58.18	0.32	0.33	54	144	137	136			
Stripes Latte	56.83	4.79	10.79	24.62	24.75	20.58	0.35	0.35	25	80	60	46			
Stripes Teal	19.03	-25.91	-7.98	1.49	2.75	4.34	0.17	0.32	3	-4	10	10	0	9	9
Tranquility Teal	40.15	-17.92	-12.33	8.56	11.34	17.69	0.23	0.30	11	4	35	43			
White Circlets	80.30	1.37	1.90	54.91	57.21	60.18	0.32	0.33	57	153	144	140			
WINGS Refined Black	55.79	-0.25	-0.83	22.48	23.71	26.34	0.31	0.33	24	59	61	62			
WINGS Refined Clear	81.23	0.29	0.62	56.09	58.89	63.41	0.31	0.33	59	152	150	148			
WINGS Refined Kiwi	69.76	-18.17	21.48	33.02	40.41	27.47	0.33	0.40	40	80	115	58			
WINGS Refined Lagoon	42.22	-17.62	-36.35	9.66	12.64	34.78	0.17	0.22	13	-14	40	89	0	38	73
WINGS Refined Plum	41.72	31.88	-20.99	16.81	12.32	23.82	0.32	0.23	12	60	20	60			
WINGS Refined Reef	71.07	-16.56	-8.10	35.10	42.29	53.91	0.27	0.32	42	56	121	128			
WINGS Refined Tangerine	54.46	33.37	43.95	29.12	22.41	6.34	0.50	0.39	22	145	36	10			