

inches

centimeters

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Label	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.79	97.06	92.02	82.74	72.06	62.14	51.68	41.89	32.13	22.44	12.76	3.44	0.31	0.28	0.26	0.24	0.22	0.20	0.18	0.16	0.14	0.12	0.10	
a*	13.24	18.11	4.34	-3.44	3.44	13.80	20.96	14.31	8.81	-0.43	-0.34	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	
b*	15.07	18.51	22.85	24.49	14.31	-4.34	34.26	34.26	11.81	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	
Density										0.05	0.09	0.16	0.22	0.36	0.52																	

Dor Williams

M000549

All values are batch averages

D50 Illuminant, 2 degree observer