

Scene Radiance												Painting					
3-D Mondrians						3-D Mondrians						LDR Watercolor			HDR Watercolor		
LDR KM1000						HDR KM1000						Spectralino			Spectralino		
Paint Area	L*(X)	L*(Y)	L*(Z)	L*(X)	L*(Y)	L*(Z)	L*(X)	L*(Y)	L*(Z)	Paint Area	L*(X)	L*(Y)	L*(Z)	L*(X)	L*(Y)	L*(Z)	
R 7	60.5	49.1	35.9	46.7	36.6	23.4	41.6	32.8	28.1	R 7	61.0	47.5	33.3	56.0	45.3	46.3	
R 10	60.5	49.1	35.9	90.6	77.2	59.7	48.1	40.8	50.9	R 10	74.0	63.9	58.8	61.6	53.9	59.8	
R 11	60.5	49.1	35.9	57.5	46.4	30.7	56.8	48.5	65.1	R 11	62.8	50.7	33.8	69.9	58.9	63.6	
R 13	60.5	49.1	35.9	57.5	46.4	30.7	34.2	28.8	46.0	R 13	62.8	50.7	33.8	57.7	48.2	52.2	
R 30	60.5	49.1	35.9	58.2	46.4	29.5	55.8	46.7	59.7	R 30	57.2	45.7	27.4	78.6	71.5	78.3	
R 31	60.5	49.1	35.9	58.2	46.4	29.5	40.8	35.4	54.7	R 31	57.2	45.7	27.4	66.4	59.6	65.8	
R 55	60.5	49.1	35.9	58.4	47.1	31.4	65.9	52.3	35.3	R 55	60.7	48.7	27.7	57.3	44.3	23.8	
R 56	60.5	49.1	35.9	58.4	47.1	31.4	23.8	19.3	26.0	R 56	60.7	48.7	27.7	47.4	38.1	33.2	
R 66	60.5	49.1	35.9	38.2	29.9	18.7	82.9	66.5	39.5	R 66	58.0	44.7	25.9	61.9	48.3	23.5	
R 67	60.5	49.1	35.9	51.2	41.0	28.0	45.9	40.3	37.0	R 67	57.9	44.0	28.2	53.5	41.6	22.8	
R 92	60.5	49.1	35.9	52.8	44.1	16.3	67.6	53.6	36.7	R 92	62.0	49.4	27.2	56.8	42.7	28.7	
R 97	60.5	49.1	35.9	55.4	46.9	30.2	59.3	55.9	35.9	R 97	55.9	47.1	26.0	51.0	41.3	27.7	
Y 19	81.5	77.4	26.6	55.4	53.8	24.2	59.3	56.3	22.3	Y 19	82.7	74.1	28.7	85.7	81.6	29.6	
Y 20	81.5	77.4	26.6	66.4	53.8	26.5	51.9	56.0	25.3	Y 20	68.8	65.5	28.6	71.6	69.3	25.4	
Y 43	81.5	77.4	26.6	69.9	67.0	27.2	29.9	32.5	45.0	Y 43	63.8	64.1	26.7	55.7	53.8	30.1	
Y 54	81.5	77.4	26.6	75.7	72.5	29.6	19.5	18.3	14.0	Y 54	86.2	83.6	38.9	50.3	44.1	23.9	
Y 68	81.5	77.4	26.6	55.3	53.0	20.7	98.1	94.2	33.2	Y 68	85.1	80.8	35.4	85.3	81.6	30.3	
Y 69	81.5	77.4	26.6	75.5	71.6	29.6	81.2	79.7	46.9	Y 69	85.2	81.4	42.7	87.1	84.6	55.5	
Y 74	81.5	77.4	26.6	43.9	40.9	15.2	103.3	99.0	34.0	Y 74	81.8	78.0	34.0	82.1	76.7	28.1	
Y 75	81.5	77.4	26.6	31.1	29.8	14.3	46.4	44.2	12.3	Y 75	63.7	53.3	36.3	71.4	71.9	51.6	
Y 100	81.5	77.4	26.6	73.0	69.2	28.6	13.2	12.1	2.7	Y 100	82.0	77.0	26.7	78.5	73.4	28.3	
G 14	42.1	51.7	33.4	46.5	54.0	40.8	31.7	30.9	41.4	G 14	51.6	58.4	29.4	28.2	31.1	36.2	
G 16	42.1	51.7	33.4	25.3	31.6	23.9	29.8	40.8	39.2	G 16	34.6	42.7	25.0	46.3	59.2	37.8	
G 17	42.1	51.7	33.4	25.3	31.6	23.9	13.9	18.8	20.7	G 17	34.6	42.7	25.0	43.9	49.1	49.4	
G 50	42.1	51.7	33.4	24.6	27.3	23.0	41.8	52.7	40.8	G 50	40.4	49.0	30.3	44.3	57.8	38.2	
G 51	42.1	51.7	33.4	24.6	27.3	23.0	10.3	12.1	18.5	G 51	40.4	49.0	30.3	30.0	33.7	35.9	
G 65	42.1	51.7	33.4	34.0	41.1	31.9	29.2	37.8	28.5	G 65	37.5	48.6	33.8	47.9	53.2	49.5	
G 76	42.1	51.7	33.4	35.6	43.2	34.5	14.8	16.0	16.4	G 76	38.3	44.8	24.9	27.8	29.7	31.9	
G 91	42.1	51.7	33.4	25.5	34.3	32.1	43.8	55.8	37.5	G 91	38.2	46.7	26.7	30.4	37.2	23.6	
G 103	42.1	51.7	33.4	30.8	38.8	28.3	2.4	4.4	3.8	G 103	36.3	47.6	33.4	35.3	42.2	30.4	
C 39	54.2	62.2	67.7	45.9	52.7	66.4	14.0	16.0	31.5	C 39	66.4	71.9	65.7	28.5	32.4	35.6	
C 45	54.2	62.2	67.7	23.4	27.5	41.4	52.9	60.7	81.5	C 45	52.8	58.7	57.0	70.8	75.4	71.9	
C 52	54.2	62.2	67.7	30.4	36.1	50.2	44.7	53.4	79.1	C 52	63.3	68.8	71.8	55.3	61.0	65.2	
C 53	54.2	62.2	67.7	46.6	53.4	67.7	51.0	58.9	102.5	C 53	67.3	72.2	82.1	63.0	67.8	80.6	
C 73	54.2	62.2	67.7	40.8	46.4	57.7	38.0	44.4	57.4	C 73	68.7	73.4	81.7	74.0	78.1	87.0	
C 102	54.2	62.2	67.7	38.3	44.3	58.2	3.9	5.6	11.2	C 102	69.9	75.0	83.9	57.1	63.6	70.6	
B 2	43.7	44.7	66.7	31.0	32.4	54.9	35.5	35.7	87.9	B 2	54.6	53.9	84.1	54.1	53.3	84.2	
B 3	43.7	44.7	66.7	26.4	27.5	47.5	22.7	23.7	45.0	B 3	63.6	64.4	84.5	49.9	47.8	82.7	
B 32	43.7	44.7	66.7	32.4	33.6	56.4	37.2	37.6	87.4	B 32	50.7	49.3	80.8	59.4	60.0	83.4	
B 33	43.7	44.7	66.7	32.4	33.6	56.4	22.2	21.0	69.1	B 33	50.7	49.3	80.8	49.1	49.6	74.2	
B 47	43.7	44.7	66.7	36.2	38.5	65.7	22.5	25.6	55.9	B 47	48.5	46.8	79.3	22.8	22.8	23.9	
B 49	43.7	44.7	66.7	35.8	37.6	63.6	38.8	38.9	95.5	B 49	52.7	52.5	78.9	53.4	54.5	80.6	
B 80	43.7	44.7	66.7	34.0	36.0	51.9	41.2	42.4	77.4	B 80	52.4	52.4	78.3	53.7	56.5	85.1	
B 82	43.7	44.7	66.7	20.9	21.2	57.7	40.9	42.8	67.3	B 82	45.5	45.3	73.1	47.8	48.3	75.3	
B 93	43.7	44.7	66.7	34.9	36.3	57.7	48.2	50.8	82.6	B 93	55.9	56.3	79.7	50.8	50.4	74.6	
B 99	43.7	44.7	66.7	32.1	33.8	58.3	1.4	1.8	10.7	B 99	54.5	54.1	83.5	51.4	41.0	69.8	
M 5	67.8	61.7	70.3	66.4	59.7	64.7	51.2	44.8	50.2	M 5	85.7	81.6	87.6	72.6	66.1	73.2	
M 6	67.8	61.7	70.3	69.9	62.5	68.5	67.7	62.4	110.0	M 6	76.0	73.0	83.2	83.4	78.9	85.4	
M 44	67.8	61.7	70.3	68.9	61.4	66.9	67.5	62.0	107.0	M 44	86.4	82.6	87.9	73.8	70.8	80.3	
M 46	67.8	61.7	70.3	68.9	61.4	66.9	48.6	45.4	96.8	M 46	89.3	86.5	90.4	75.5	72.1	83.1	
M 59	67.8	61.7	70.3	69.3	61.8	66.8	70.3	64.1	96.3	M 59	81.7	76.8	84.4	74.6	70.4	81.9	
M 61	67.8	61.7	70.3	69.3	61.8	66.8	45.4	43.4	84.5	M 61	81.7	76.8	84.4	55.9	53.6	73.1	
M 62	67.8	61.7	70.3	36.4	31.6	33.1	62.6	55.6	59.9	M 62	79.1	77.4	86.4	43.3	41.7	46.8	
M 70	67.8	61.7	70.3	36.6	32.3	36.4	93.9	83.6	88.0	M 70	75.3	70.2	80.5	79.9	74.6	81.7	
M 90	67.8	61.7	70.3	76.1	68.9	74.6	34.6	32.7	32.4	M 90	87.4	83.3	87.6	34.5	31.6	26.9	
M 96	67.8	61.7	70.3	62.9	56.5	62.6	10.7	8.7	12.9	M 96	87.2	83.7	88.6	75.1	68.8	78.0	
W 9	93.2	93.4	92.0	100.0	100.0	100.0	35.5	34.0	53.2	W 9	85.7	85.7	71.6	73.3	73.4	74.4	
W 24	93.2	93.4	92.0	49.1	49.1	50.2	68.0	68.2	69.5	W 24	92.3	92.4	91.5	95.1	94.9	95.9	
W 28	93.2	93.4	92.0	49.0	48.8	50.1	57.2	57.2	64.1	W 28	93.0	93.0	90.9	87.2	87.6	87.9	
W 29	93.2	93.4	92.0	49.0	48.8	50.1	25.2	24.9	29.0	W 29	93.0	93.0	90.9	78.4	79.0	81.9	
W 57	93.2	93.4	92.0	73.8	73.8	75.6	31.2	31.4	38.5	W 57	85.9	85.6	73.3	50.9	51.7	53.3	
W 60	93.2	93.4	92.0	39.6	38.3	42.7	100.0	100.0	100.0	W 60	84.1	84.8	83.7	88.4	88.7	78.8	
W 63	93.2	93.4	92.0	81.4	80.7	78.2	51.3	50.5	45.4	W 63	91.1	91.1	83.8	41.4	41.2	39.8	
W 81	93.2	93.4	92.0	76.4	76.4	77.5	86.8	87.4	96.3	W 81	94.7	94.8	93.4	89.7	89.9	81.3	
W 83	93.2	93.4	92.0	76.4	76.4	77.5	51.1	51.5	73.6	W 83	94.7	94.8	93.4	75.5	76.5	85.3	
W 84	93.2	93.4	92.0	39.6	38.7	40.7	63.0	56.5	60.7	W 84	83.0	83.1	81.7	74.1	71.3	78.6	
W 85	93.2	93.4	92.0	39.0	38.6	35.6	48.1	46.8	26.1	W 85	69.4	64.3	52.4	65.5	61.3	42.5	
W 95	93.2	93.4	92.0	80.8	81.0	83.1	16.6	16.6	20.5	W 95	95.8	95.9	94.2	89.6	89.8	89.8	
NL 1	72.5	73.1	74.6	58.8	59.3	62.6	32.4	32.7	35.3	NL 1	83.4	83.3	83.0	78.3	78.5	77.3	
NL 15	72.5	73.1	74.6	55.6	55.8	58.2	48.0	48.4	51.9	NL 15	78.7	78.7	78.9	78.7	78.8	76.1	
NL 23	72.5	73.1	74.6	39.1	39.2	41.3	61.2	61.5	62.1	NL 23	73.7	73.9	74.8	74.9	74.9	73.3	
NL 26	72.5	73.1	74.6	54.4	54.7	58.2	47.9	49.8	81.1	NL 26	84.3	84.5	85.3	71.7	72.3	74.8	
NL 27	72.5	73.1	74.6	54.4	54.7	58.2	40.1	42.6	81.0	NL 27	84.3	84.5	85.3	53.8	54.6	59.6	
NL 77	72.5	73.1	74.6	44.4	45.7	47.9	69.0	69.7	69.9	NL 77	71.8	71.8	72.5	68.7	68.8	60.7	
NL 78	72.5	73.1	74.6	13.5	15.7	17.9	13.6	13.9	19.9	NL 78	68.6	68.1	68.8	43.6	44.1	46.1	
NL 86	72.5	73.1	74.6	24.7	25.2	26.5	13.0	12.9	13.5	NL 86	45.3	45.3	46.5	23.8	23.1	22.4	
NL 87	72.5	73.1	74.6	63.1	63.7	66.1	25.8	26.5	25.9	NL 87	96.1	96.2	94.4	29.7	26.6	24.4	
NL 101	72.5	73.1	74.6	60.1	60.6	64.0	9.2	9.3	12.8	NL 101	7						