

2X2 40W 4000K

IESNA:LM-63-2002

[TEST] 1

[TESTLAB] EVERFINE

[TESTDATE] 2015-08-10

[ISSUEDATE] 2015-09-08 11:23:42

[NEARFIELD] 882240-40-L-F 2X2 40W 4000K

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-3000H_V1 SYSTEM

[MANUFAC] Truly Green Solutions

[LUMINAIRE] LED C470SP-Q2-P-03A 230V50HZ

[OTHER]

[OTHER]	Gamma(deg)	Fz(lm)	Ft(lm)	%Lum	%Lamp
[OTHER]	0- 10	140.27	140.27	3.28	3.47
[OTHER]	10- 20	402.58	542.85	12.69	13.44
[OTHER]	20- 30	611.53	1154.38	26.99	28.59
[OTHER]	30- 40	741.23	1895.61	44.32	46.94
[OTHER]	40- 50	773.64	2669.25	62.40	66.10
[OTHER]	50- 60	704.55	3373.80	78.87	83.55
[OTHER]	60- 70	547.99	3921.79	91.68	97.12
[OTHER]	70- 80	317.49	4239.28	99.10	104.98
[OTHER]	80- 90	38.29	4277.57	100.00	105.93
[OTHER]	90-100	0.00	4277.57	100.00	105.93
[OTHER]	100-110	0.00	4277.57	100.00	105.93
[OTHER]	110-120	0.00	4277.57	100.00	105.93
[OTHER]	120-130	0.00	4277.57	100.00	105.93
[OTHER]	130-140	0.00	4277.57	100.00	105.93
[OTHER]	140-150	0.00	4277.57	100.00	105.93
[OTHER]	150-160	0.00	4277.57	100.00	105.93
[OTHER]	160-170	0.00	4277.57	100.00	105.93
[OTHER]	170-180	0.00	4277.57	100.00	105.93

[OTHER]

TILT=NONE

1 4038.2 1 37 181 2 2 0.000 0.000 0.000

1.000 1 38.8

-90.0 -85.0 -80.0 -75.0 -70.0 -65.0 -60.0 -55.0 -50.0 -45.0

-40.0 -35.0 -30.0 -25.0 -20.0 -15.0 -10.0 -5.0 0.0 5.0

10.0 15.0 20.0 25.0 30.0 35.0 40.0 45.0 50.0 55.0

60.0 65.0 70.0 75.0 80.0 85.0 90.0

-90.0 -89.0 -88.0 -87.0 -86.0 -85.0 -84.0 -83.0 -82.0 -81.0

-80.0 -79.0 -78.0 -77.0 -76.0 -75.0 -74.0 -73.0 -72.0 -71.0

-70.0 -69.0 -68.0 -67.0 -66.0 -65.0 -64.0 -63.0 -62.0 -61.0

-60.0 -59.0 -58.0 -57.0 -56.0 -55.0 -54.0 -53.0 -52.0 -51.0

2X2 40W 4000K

-50.0	-49.0	-48.0	-47.0	-46.0	-45.0	-44.0	-43.0	-42.0	-41.0
-40.0	-39.0	-38.0	-37.0	-36.0	-35.0	-34.0	-33.0	-32.0	-31.0
-30.0	-29.0	-28.0	-27.0	-26.0	-25.0	-24.0	-23.0	-22.0	-21.0
-20.0	-19.0	-18.0	-17.0	-16.0	-15.0	-14.0	-13.0	-12.0	-11.0
-10.0	-9.0	-8.0	-7.0	-6.0	-5.0	-4.0	-3.0	-2.0	-1.0
0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0
40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0
70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
90.0									
0.00	0.00	0.00	1.75	10.59	4.90	17.52	7.92	22.06	10.80
24.71	10.66	25.46	9.73	27.72	8.01	33.26	0.14	42.07	1.65
48.97	12.55	49.83	13.11	44.62	12.38	36.91	10.35	28.77	7.87
20.20	5.28	12.30	2.59	0.00	0.00	0.00			
0.00	0.00	0.00	4.43	14.17	9.49	22.90	13.88	28.45	17.62
33.06	17.50	36.73	17.44	42.82	17.43	54.71	17.47	72.40	22.30
74.30	31.93	71.35	29.63	63.57	26.15	52.03	21.49	40.06	16.06
27.64	10.71	16.77	5.45	0.00	0.00	0.00			
0.00	0.00	0.00	7.12	17.68	14.05	28.15	19.79	35.65	24.33
43.46	25.09	51.58	26.59	63.41	28.85	80.37	37.66	102.44	45.52
100.20	52.43	94.32	47.23	84.79	40.77	69.60	33.05	53.36	24.48
36.07	16.25	21.60	8.35	0.00	0.00	0.00			
0.00	0.00	0.00	9.81	21.14	18.54	33.59	25.68	44.44	31.22
56.27	34.89	69.06	39.77	87.69	45.86	107.17	63.56	127.50	73.35
123.91	75.25	116.82	67.46	106.22	57.80	88.39	46.27	68.24	33.85
45.78	22.20	26.88	11.33	0.00	0.00	0.00			
0.00	0.00	0.00	12.44	24.89	22.91	39.96	31.90	55.07	39.40
71.32	47.52	88.72	57.49	113.48	69.33	133.51	91.41	148.79	
101.32									
145.74	99.09	138.42	89.56	126.81	77.20	107.17	62.00	83.94	44.71
57.11	28.84	32.81	14.37	0.00	0.00	0.00			
0.00	0.00	0.00	14.91	29.36	27.36	47.77	39.02	67.24	49.87

2X2 40W 4000K

88.18	62.66	110.59	78.37	139.64	97.00	158.97	117.33	168.59	
125.71									
166.99	122.12	159.45	111.52	145.97	97.30	125.12	79.47	99.71	
57.01									
69.74	36.33	39.48	17.43	0.00	0.00	0.00			
0.00	0.00	0.00	17.36	34.74	32.43	56.92	47.52	80.69	62.62
106.30	80.02	133.75	101.10	165.67	125.86	184.36	141.15	189.85	
147.27									
189.02	144.22	180.22	132.62	163.43	116.99	141.93	97.35	115.02	
70.52									
82.70	44.96	46.68	20.66	0.00	0.00	0.00			
0.00	0.00	0.00	20.16	40.95	38.57	67.12	57.50	95.46	76.97
125.30	99.38	156.63	125.11	190.91	154.16	209.62	163.78	212.76	
167.79									
211.89	166.18	201.27	152.71	180.91	135.55	158.48	114.70	130.02	
84.73									
95.51	54.61	54.25	24.35	0.00	0.00	0.00			
0.00	0.00	0.00	23.65	47.80	45.83	78.14	68.80	111.57	92.57
145.41	120.02	179.67	149.71	215.30	181.62	234.12	187.11	236.13	
189.43									
235.11	188.61	223.06	171.82	199.98	152.68	175.61	131.18	144.99	
98.86									
108.09	64.69	62.11	28.68	0.00	0.00	0.00			
0.00	0.00	0.00	27.87	55.16	54.03	89.97	81.29	128.80	109.63
166.75	140.96	203.82	173.77	239.30	208.05	257.99	211.19	259.90	
212.32									
258.65	211.46	245.38	191.09	220.07	169.70	193.18	147.27	159.88	
112.76									
120.17	74.88	70.15	33.63	0.00	0.00	0.00			
0.00	0.00	0.00	32.63	63.07	62.97	102.70	94.85	146.71	128.28
188.55	162.54	228.23	197.49	263.16	233.12	281.73	235.13	283.92	
235.62									
282.48	234.60	267.99	211.52	240.45	187.80	210.95	163.43	174.68	
126.54									
131.63	85.10	78.34	39.11	0.00	0.00	0.00			
0.00	0.00	0.00	37.76	71.48	72.57	116.15	109.38	164.89	148.22
210.21	185.29	252.13	221.56	286.36	257.03	305.03	258.95	308.15	
259.28									
305.92	258.03	290.19	232.72	260.96	206.62	228.90	179.73	189.52	
140.02									
142.83	95.16	86.64	45.13	0.00	0.00	0.00			
0.00	0.00	0.00	43.25	80.21	82.88	129.88	124.71	183.08	168.72

2X2 40W 4000K

231.63	208.39	275.54	245.69	308.17	280.63	327.22	282.82	332.67
283.20								
328.24	281.76	311.24	254.22	281.69	225.70	247.03	196.20	204.26
153.16								
153.36	104.99	94.76	51.69	0.00	0.00	0.00		
0.00	0.00	0.00	49.15	88.77	93.82	142.86	140.52	200.87
252.65	231.17	298.20	269.24	329.69	303.47	349.42	306.59	357.39
307.04								
350.56	304.80	332.32	275.58	302.69	244.93	265.35	212.87	218.64
166.18								
162.57	114.73	102.43	58.54	0.00	0.00	0.00		
0.00	0.00	0.00	55.37	96.86	105.04	154.37	156.48	218.03
								209.68
273.23	253.58	319.96	291.86	352.11	324.49	372.85	329.94	382.16
330.45								
374.09	326.02	354.68	296.47	323.91	264.36	283.85	229.71	233.13
178.81								
171.76	124.06	110.04	65.46	0.00	0.00	0.00		
0.00	0.00	0.00	61.73	104.88	115.81	165.74	171.86	234.93
								229.88
293.38	275.43	341.09	313.95	374.90	345.44	396.82	353.41	406.86
353.97								
398.23	347.14	377.66	317.51	345.15	284.02	302.43	246.68	248.14
190.61								
182.28	132.50	118.04	72.35	0.00	0.00	0.00		
0.00	0.00	0.00	68.10	113.21	125.61	178.20	186.20	251.84
								249.86
313.11	296.59	362.01	336.04	397.58	368.19	420.76	377.50	431.53
378.13								
422.33	370.06	400.59	339.29	366.32	303.88	321.00	263.82	263.40
202.45								
193.50	140.90	126.17	79.18	0.00	0.00	0.00		
0.00	0.00	0.00	74.44	121.60	135.31	191.01	200.33	267.75
								269.52
331.70	317.24	382.87	358.00	420.28	391.80	444.74	401.84	456.24
402.55								
446.39	393.92	423.49	361.40	387.53	323.79	338.90	281.08	278.00
215.21								
204.82	150.16	134.19	85.92	0.00	0.00	0.00		
0.00	0.00	0.00	80.72	129.80	145.71	203.52	215.02	281.74
								288.67
348.44	337.56	403.62	379.79	442.96	415.37	468.73	426.14	480.93

2X2 40W 4000K

426.93									
470.45	417.73	446.37	383.46	408.70	343.66	355.39	298.35	291.19	
228.45									
216.12	159.83	142.05	92.50	0.00	0.00	0.00			
0.00	0.00	0.00	86.90	137.83	156.30	215.78	229.38	295.26	306.12
364.77	357.29	424.31	401.58	465.69	438.99	492.82	450.49	505.70	
451.31									
494.59	441.47	469.31	405.51	429.83	363.21	371.82	314.58	304.34	
241.41									
227.41	169.51	149.73	98.88	0.00	0.00	0.00			
0.00	0.00	0.00	92.95	145.66	166.66	227.69	242.63	309.60	320.85
382.05	376.03	445.06	423.29	488.51	462.64	516.99	474.83	530.49	
475.69									
518.86	465.21	492.35	427.54	450.94	382.04	389.53	328.73	318.80	
253.65									
238.75	179.08	157.27	105.02	0.00	0.00	0.00			
0.00	0.00	0.00	98.86	153.23	176.80	239.16	255.52	324.20	334.99
399.76	394.54	465.82	445.00	511.27	486.39	541.08	499.26	555.26	
500.15									
543.11	489.04	515.34	449.57	471.95	400.83	407.75	342.81	333.80	
265.87									
250.09	188.57	164.75	110.89	0.00	0.00	0.00			
0.00	0.00	0.00	104.65	160.50	186.67	250.22	268.64	338.62	350.55
417.40	413.55	486.56	466.78	533.96	510.24	565.14	523.74	580.10	
524.67									
567.28	513.05	538.24	471.64	492.98	420.23	425.84	358.83	348.67	
278.78									
261.47	198.01	172.23	116.54	0.00	0.00	0.00			
0.00	0.00	0.00	110.27	167.51	196.20	261.00	281.68	352.96	366.73
435.05	432.79	507.26	488.54	556.60	533.99	589.14	548.17	604.87	
549.19									
591.35	537.04	561.09	493.65	514.08	439.85	443.94	375.65	363.54	
291.94									
272.88	207.42	179.72	122.08	0.00	0.00	0.00			
0.00	0.00	0.00	115.64	174.38	205.36	271.72	294.42	367.25	382.82
452.63	451.98	527.87	510.26	579.10	557.66	612.96	572.62	629.44	

2X2 40W 4000K

573.69									
615.35	560.87	583.89	515.61	535.07	459.41	461.99	392.27	378.37	
305.07									
284.23	216.85	187.17	127.61	0.00	0.00	0.00			
0.00	0.00	0.00	120.76	181.22	214.25	282.45	306.98	381.50	398.94
470.15	471.15	548.39	531.93	601.52	581.28	636.66	597.01	653.83	
598.11									
639.24	584.60	606.61	537.59	555.96	479.01	479.96	408.86	393.16	
318.21									
295.54	226.30	194.58	133.14	0.00	0.00	0.00			
0.00	0.00	0.00	125.71	188.05	223.05	293.10	319.49	395.74	415.01
487.64	490.25	568.78	553.48	623.88	604.72	660.33	621.20	678.14	
622.39									
662.97	608.30	629.20	559.48	576.83	498.53	497.94	425.45	407.95	
331.30									
306.85	235.70	202.00	138.64	0.00	0.00	0.00			
0.00	0.00	0.00	130.60	194.86	231.84	303.72	331.98	409.95	431.03
505.09	509.27	589.14	574.95	646.08	628.08	683.83	645.25	702.41	
646.53									
686.56	631.94	651.60	581.29	597.53	517.96	515.80	441.96	422.63	
344.35									
318.03	245.06	209.37	144.10	0.00	0.00	0.00			
0.00	0.00	0.00	135.52	201.60	240.57	314.27	344.42	424.03	447.07
522.40	528.21	609.37	596.33	668.11	651.43	707.14	669.23	726.44	
670.56									
709.95	655.39	673.83	603.02	618.09	537.38	533.53	458.49	437.19	
357.40									
329.08	254.42	216.67	149.57	0.00	0.00	0.00			
0.00	0.00	0.00	140.43	208.27	249.29	324.74	356.83	437.98	463.07
539.55	547.12	629.43	617.61	690.00	674.55	730.25	693.12	750.21	
694.48									
733.23	678.63	696.02	624.56	638.56	556.66	551.22	474.93	451.73	
370.33									
340.09	263.70	223.94	155.04	0.00	0.00	0.00			
0.00	0.00	0.00	145.26	214.94	257.94	335.14	369.15	451.89	478.91
556.66	565.88	649.46	638.74	711.72	697.48	753.17	716.79	773.83	

2X2 40W 4000K

718.19

756.41 701.70 718.09 645.96 658.88 575.81 568.75 491.24 466.13

383.13

351.02 272.87 231.17 160.46 0.00 0.00 0.00

0.00 0.00 0.00 150.04 221.53 266.51 345.38 381.36 465.71 494.61

573.67 584.49 669.26 659.72 733.30 720.28 775.95 740.23 797.23

741.72

779.27 724.75 739.86 667.29 679.00 594.89 586.14 507.55 480.39

395.91

361.77 282.02 238.31 165.86 0.00 0.00 0.00

0.00 0.00 0.00 154.83 228.03 275.04 355.42 393.52 479.34 510.27

590.46 603.06 688.80 680.59 754.61 742.84 798.46 763.50 820.37

765.12

801.86 747.70 761.36 688.48 698.88 613.81 603.40 523.69 494.59

408.58

372.44 291.09 245.41 171.24 0.00 0.00 0.00

0.00 0.00 0.00 159.60 234.46 283.46 365.37 405.54 492.81 525.87

607.09 621.46 708.21 701.28 775.63 765.31 820.61 786.59 843.15

788.25

824.21 770.29 782.68 709.43 718.55 632.57 620.50 539.70 508.68

421.08

383.09 300.04 252.48 176.58 0.00 0.00 0.00

0.00 0.00 0.00 164.33 240.84 291.72 375.28 417.38 506.21 541.30

623.59 639.63 727.41 721.70 796.48 787.51 842.56 809.42 865.66

811.11

846.28 792.60 803.71 730.12 737.97 651.14 637.40 555.66 522.61

433.51

393.61 308.92 259.47 181.89 0.00 0.00 0.00

0.00 0.00 0.00 169.00 247.20 299.92 385.11 429.09 519.55 556.53

639.96 657.65 746.33 741.92 817.14 809.34 864.39 831.88 888.06

833.68

868.15 814.74 824.52 750.61 757.18 669.52 654.06 571.47 536.34

445.88

404.03 317.78 266.40 187.17 0.00 0.00 0.00

0.00 0.00 0.00 173.62 253.53 308.06 394.88 440.74 532.72 571.68

656.11 675.50 765.06 761.95 837.57 831.02 885.97 854.11 910.24

2X2 40W 4000K

855.97

889.82 836.59 845.18 770.84 776.33 687.68 670.58 587.11 549.91

458.11

414.35 326.54 273.25 192.41 0.00 0.00 0.00

0.00 0.00 0.00 178.24 259.76 316.15 404.51 452.33 545.65 586.77

672.00 693.14 783.55 781.74 857.66 852.55 907.13 876.22 931.97

878.10

911.03 858.19 865.44 790.85 795.18 705.62 686.91 602.49 563.34

470.18

424.48 335.21 280.00 197.58 0.00 0.00 0.00

0.00 0.00 0.00 182.85 265.89 324.20 413.99 463.80 558.45 601.64

687.73 710.58 801.82 801.31 877.35 873.83 927.85 898.10 953.34

900.03

931.84 879.61 885.29 810.76 813.68 723.45 702.97 617.70 576.58

482.13

434.49 343.80 286.68 202.70 0.00 0.00 0.00

0.00 0.00 0.00 187.38 271.96 332.14 423.37 475.08 571.11 616.22

703.27 727.77 819.87 820.60 896.79 894.71 948.33 919.55 974.48

921.50

952.51 900.57 905.00 830.31 831.95 741.05 718.81 632.77 589.63

493.91

444.42 352.24 293.30 207.76 0.00 0.00 0.00

0.00 0.00 0.00 191.84 277.96 339.94 432.69 486.22 583.58 630.68

718.55 744.77 837.61 839.58 916.11 915.11 968.66 940.60 995.27

942.59

972.89 921.10 924.44 849.48 849.91 758.33 734.46 647.62 602.56

505.53

454.22 360.58 299.88 212.77 0.00 0.00 0.00

0.00 0.00 0.00 196.25 283.90 347.66 441.93 497.24 595.90 644.98

733.61 761.57 855.07 858.33 935.11 935.26 988.67 961.41 1015.73

963.50

992.92 941.52 943.56 868.47 867.65 775.38 749.95 662.24 615.37

517.02

463.91 368.86 306.37 217.74 0.00 0.00 0.00

0.00 0.00 0.00 200.59 289.73 355.33 450.97 508.13 608.00 659.02

748.41 778.08 872.21 876.86 953.68 955.35 1008.23 981.96 1035.88

2X2 40W 4000K

984.08

1012.63 961.71 962.37 887.18 885.11 792.19 765.17 676.73 627.95

528.39

473.45 377.05 312.75 222.71 0.00 0.00 0.00

0.00 0.00 0.00 204.88 295.49 362.91 459.82 518.92 619.83 672.89

762.88 794.34 888.97 895.09 971.86 975.13 1027.42 1002.20 1055.66

1004.32

1031.97 981.51 980.83 905.60 902.25 808.80 780.07 691.10 640.27

539.64

482.86 385.14 319.03 227.60 0.00 0.00 0.00

0.00 0.00 0.00 209.11 301.17 370.35 468.58 529.48 631.52 686.51

777.12 810.31 905.41 912.94 989.75 994.41 1046.29 1022.06 1075.04

1024.26

1050.88 1001.01 998.94 923.74 919.22 825.14 794.74 705.20 652.40

550.70

492.19 393.10 325.21 232.40 0.00 0.00 0.00

0.00 0.00 0.00 213.32 306.74 377.66 477.21 539.82 643.05 699.83

791.20 825.92 921.67 930.41 1007.36 1013.30 1064.81 1041.54 1094.03

1043.81

1069.43 1020.12 1016.70 941.54 935.86 841.16 809.19 718.98 664.36

561.56

501.35 400.94 331.25 237.11 0.00 0.00 0.00

0.00 0.00 0.00 217.47 312.19 384.88 485.62 550.05 654.34 712.98

805.02 841.27 937.65 947.58 1024.60 1031.92 1082.97 1060.67 1112.75

1062.96

1087.68 1038.81 1034.12 959.08 952.07 856.98 823.35 732.50 676.06

572.29

510.22 408.70 337.14 241.72 0.00 0.00 0.00

0.00 0.00 0.00 221.51 317.52 391.97 493.93 560.13 665.42 725.97

818.51 856.44 953.20 964.52 1041.51 1050.20 1100.80 1079.42 1131.08

1081.73

1105.57 1057.12 1051.19 976.28 967.93 872.53 837.16 745.86 687.47

582.85

518.87 416.30 342.88 246.21 0.00 0.00 0.00

0.00 0.00 0.00 225.47 322.74 398.90 502.15 569.98 676.28 738.70

831.70 871.33 968.40 981.13 1057.98 1068.08 1118.15 1097.86 1148.92

2X2 40W 4000K

1100.22
 1123.05 1075.15 1067.88 993.09 983.41 887.71 850.68 758.99 698.68
 593.14
 527.44 423.68 348.51 250.60 0.00 0.00 0.00
 0.00 0.00 0.00 229.31 327.82 405.72 510.16 579.67 686.88 751.16

 844.61 885.86 983.33 997.36 1074.06 1085.66 1135.09 1115.94 1166.42
 1118.32
 1140.21 1092.82 1084.26 1009.56 998.55 902.55 863.98 771.78 709.79
 603.17
 535.97 430.87 354.06 254.89 0.00 0.00 0.00
 0.00 0.00 0.00 233.03 332.77 412.44 517.96 589.22 697.23 763.35

 857.24 900.05 998.00 1013.19 1089.80 1102.77 1151.64 1133.53 1183.52
 1135.98
 1156.94 1110.11 1100.22 1025.64 1013.36 917.04 876.99 784.31 720.63
 613.06
 544.26 437.97 359.51 259.04 0.00 0.00 0.00
 0.00 0.00 0.00 236.65 337.59 418.99 525.63 598.52 707.34 775.25

 869.57 913.97 1012.32 1028.69 1105.12 1119.42 1167.73 1150.75
 1200.16 1153.32
 1173.19 1127.11 1115.73 1041.40 1027.76 931.27 889.61 796.70 731.12
 622.88
 552.31 445.02 364.81 263.11 0.00 0.00 0.00
 0.00 0.00 0.00 240.17 342.31 425.36 533.09 607.59 717.20 786.86

 881.58 927.62 1026.23 1043.90 1120.17 1135.69 1183.56 1167.58
 1216.38 1170.23
 1189.11 1143.65 1130.96 1056.79 1041.94 945.18 902.00 808.81 741.42
 632.45
 560.22 451.89 370.00 267.13 0.00 0.00 0.00
 0.00 0.00 0.00 243.58 346.91 431.61 540.35 616.48 726.84 798.20

 893.28 940.94 1039.67 1058.72 1134.88 1151.52 1199.04 1183.94
 1232.15 1186.67
 1204.58 1159.71 1145.79 1071.74 1055.79 958.69 914.08 820.53 751.48
 641.71
 567.99 458.56 375.05 271.06 0.00 0.00 0.00
 0.00 0.00 0.00 246.92 351.37 437.70 547.38 625.15 736.27 809.25

 904.74 953.90 1052.82 1073.20 1149.10 1167.15 1214.03 1199.97

2X2 40W 4000K

1247.61	1202.74								
1219.61	1175.47	1160.12	1086.45	1069.14	971.97	925.71	832.02	761.17	
650.82									
575.54	465.11	379.97	274.89	0.00	0.00	0.00			
0.00	0.00	0.00	250.19	355.73	443.63	554.24	633.59	745.43	820.09
915.94	966.48	1065.80	1087.28	1163.01	1182.49	1228.61	1215.60		
1262.60	1218.37								
1234.28	1190.79	1174.14	1100.79	1082.18	984.94	937.05	843.23	770.61	
659.73									
582.86	471.52	384.74	278.59	0.00	0.00	0.00			
0.00	0.00	0.00	253.37	360.02	449.38	561.01	641.82	754.37	830.71
926.82	978.78	1078.38	1100.96	1176.47	1197.25	1242.66	1230.82		
1276.97	1233.61								
1248.53	1205.61	1187.85	1114.63	1094.92	997.42	948.17	853.99	779.84	
668.36									
589.95	477.75	389.38	282.18	0.00	0.00	0.00			
0.00	0.00	0.00	256.48	364.17	454.99	567.57	649.83	763.03	841.02
937.32	990.87	1090.43	1114.40	1189.45	1211.61	1256.33	1245.61		
1291.09	1248.44								
1262.39	1220.12	1201.10	1128.16	1107.21	1009.61	958.90	864.48	788.77	
676.73									
596.82	483.80	393.89	285.69	0.00	0.00	0.00			
0.00	0.00	0.00	259.52	368.16	460.51	573.86	657.69	771.32	851.05
947.41	1002.60	1102.11	1127.42	1202.12	1225.51	1269.78	1259.82		
1305.11	1262.75								
1275.92	1234.31	1213.90	1141.38	1119.06	1021.55	969.22	874.79	797.35	
684.90									
603.46	489.66	398.27	289.09	0.00	0.00	0.00			
0.00	0.00	0.00	262.47	372.02	465.87	579.96	665.30	779.30	860.76
957.14	1013.87	1113.45	1139.94	1214.37	1238.96	1282.73	1273.71		
1318.54	1276.74								
1288.89	1248.05	1226.21	1154.16	1130.47	1033.06	979.24	884.74	805.71	
692.79									
609.87	495.35	402.51	292.42	0.00	0.00	0.00			
0.00	0.00	0.00	265.30	375.79	471.01	585.91	672.59	787.06	870.05
966.52	1024.76	1124.29	1152.12	1226.14	1252.12	1295.12	1287.44		

2X2 40W 4000K

1331.24	1290.51								
1301.31	1261.32	1238.08	1166.48	1141.55	1044.14	988.98	894.30	813.82	
700.41									
616.09	500.87	406.62	295.68	0.00	0.00	0.00			
0.00	0.00	0.00	268.06	379.39	475.99	591.61	679.63	794.55	878.98
975.59	1035.29	1134.74	1163.91	1237.57	1264.83	1307.18	1300.64		
1343.56	1303.72								
1313.36	1274.07	1249.61	1178.34	1152.30	1054.86	998.38	903.62	821.65	
707.79									
622.12	506.19	410.61	298.83	0.00	0.00	0.00			
0.00	0.00	0.00	270.73	382.85	480.85	597.05	686.48	801.78	887.63
984.35	1045.41	1144.79	1175.22	1248.57	1277.07	1318.83	1313.18		
1355.55	1316.27								
1324.96	1286.35	1260.65	1189.82	1162.62	1065.27	1007.40	912.69	829.18	
714.96									
627.98	511.35	414.45	301.89	0.00	0.00	0.00			
0.00	0.00	0.00	273.29	386.21	485.50	602.35	693.08	808.77	896.02
992.79	1055.16	1154.43	1186.15	1259.15	1288.98	1330.03	1325.37		
1367.07	1328.46								
1336.07	1298.27	1271.21	1200.96	1172.50	1075.34	1016.06	921.41	836.44	
721.88									
633.64	516.36	418.14	304.85	0.00	0.00	0.00			
0.00	0.00	0.00	275.75	389.46	489.95	607.42	699.41	815.44	904.14
1000.89	1064.57	1163.76	1196.68	1269.35	1300.46	1340.80	1337.19		
1378.09	1340.25								
1346.83	1309.67	1281.44	1211.63	1181.92	1085.01	1024.34	929.78	843.38	
728.58									
639.03	521.21	421.66	307.69	0.00	0.00	0.00			
0.00	0.00	0.00	278.15	392.55	494.28	612.22	705.56	821.80	911.97
1008.61	1073.61	1172.67	1206.79	1279.00	1311.51	1350.94	1348.55		
1388.50	1351.57								
1357.14	1320.57	1291.32	1221.86	1191.01	1094.28	1032.24	937.84	849.93	
735.04									
644.08	525.89	425.00	310.39	0.00	0.00	0.00			
0.00	0.00	0.00	280.48	395.50	498.44	616.84	711.43	827.91	919.45
1016.01	1082.33	1181.16	1216.56	1288.13	1322.15	1360.59	1359.44		

2X2 40W 4000K

1398.52	1362.46								
1366.92	1331.20	1300.71	1231.68	1199.86	1103.13	1039.83	945.55	856.18	
741.20									
648.90	530.34	428.19	312.97	0.00	0.00	0.00			
0.00	0.00	0.00	282.72	398.31	502.39	621.28	717.01	833.73	926.59
1023.05	1090.64	1189.23	1225.83	1296.91	1332.17	1369.91	1369.72		
1408.23	1372.82								
1376.27	1341.47	1309.59	1241.16	1208.18	1111.62	1047.10	952.85	862.23	
747.00									
653.55	534.54	431.25	315.46	0.00	0.00	0.00			
0.00	0.00	0.00	284.84	400.99	506.17	625.52	722.37	839.26	933.44
1029.71	1098.58	1196.87	1234.64	1305.26	1341.62	1378.76	1379.55		
1417.36	1382.72								
1385.17	1351.13	1318.02	1250.28	1215.92	1119.85	1053.97	959.82	867.98	
752.54									
657.95	538.54	434.17	317.84	0.00	0.00	0.00			
0.00	0.00	0.00	286.83	403.52	509.80	629.53	727.51	844.49	939.96
1036.04	1106.14	1204.18	1243.07	1313.06	1350.76	1386.96	1389.07		
1425.88	1392.25								
1393.45	1360.29	1325.92	1258.88	1223.30	1127.64	1060.46	966.56	873.41	
757.89									
662.16	542.40	436.96	320.10	0.00	0.00	0.00			
0.00	0.00	0.00	288.72	405.89	513.25	633.26	732.39	849.40	946.13
1042.00	1113.29	1211.04	1251.07	1320.40	1359.46	1394.69	1398.06		
1433.90	1401.26								
1401.22	1369.07	1333.38	1266.97	1230.40	1134.95	1066.62	973.00	878.56	
762.97									
666.22	546.06	439.62	322.28	0.00	0.00	0.00			
0.00	0.00	0.00	290.51	408.10	516.53	636.71	737.01	853.96	951.97
1047.55	1120.11	1217.50	1258.62	1327.42	1367.51	1402.07	1406.42		
1441.46	1409.66								
1408.77	1377.24	1340.65	1274.61	1237.12	1141.88	1072.43	979.03	883.38	
767.78									
669.97	549.56	441.38	324.36	0.00	0.00	0.00			
0.00	0.00	0.00	292.21	410.20	519.58	639.99	741.33	858.22	957.47
1052.74	1126.52	1223.57	1265.72	1334.08	1375.08	1409.08	1414.29		

2X2 40W 4000K

1448.59	1417.56								
1415.86	1384.88	1347.42	1281.89	1243.27	1148.51	1077.81	984.73	887.85	
772.39									
673.39	552.92	441.50	326.32	0.00	0.00	0.00			
0.00	0.00	0.00	293.79	412.19	522.41	643.07	745.34	862.22	962.58
1057.56	1132.53	1229.10	1272.46	1340.19	1382.38	1415.59	1421.76		
1455.28	1425.11								
1422.29	1392.42	1353.47	1288.88	1248.83	1154.77	1082.74	990.08	892.01	
776.67									
676.64	555.67	441.43	327.08	0.00	0.00	0.00			
0.00	0.00	0.00	295.30	414.02	525.09	645.95	749.11	865.95	967.33
1062.05	1138.16	1234.25	1278.82	1345.73	1389.33	1421.44	1428.84		
1461.37	1432.22								
1428.21	1399.49	1359.12	1295.34	1254.09	1160.54	1087.28	995.09	895.83	
780.62									
679.73	557.44	442.55	325.56	0.00	0.00	0.00			
0.00	0.00	0.00	296.75	415.68	527.63	648.57	752.65	869.37	971.79
1066.23	1143.33	1239.14	1284.65	1350.91	1395.74	1426.82	1435.43		
1466.89	1438.79								
1433.63	1405.80	1364.35	1301.15	1259.06	1165.79	1091.45	999.70	899.28	
784.33									
682.55	559.03	444.21	323.82	0.00	0.00	0.00			
0.00	0.00	0.00	298.05	417.16	529.99	650.85	755.95	872.46	975.94
1070.03	1148.15	1243.56	1289.99	1355.60	1401.47	1431.77	1441.40		
1472.07	1444.79								
1438.61	1411.64	1369.06	1306.61	1263.42	1170.69	1095.24	1003.88		
902.45	787.78								
685.06	561.14	445.76	323.96	0.00	0.00	0.00			
0.00	0.00	0.00	299.23	418.49	532.12	652.90	758.97	875.18	979.77
1073.36	1152.68	1247.42	1295.02	1359.70	1406.79	1436.15	1446.86		
1476.76	1450.26								
1443.14	1417.00	1373.32	1311.71	1267.28	1175.25	1098.71	1007.65		
905.35	790.92								
687.21	563.38	447.17	325.04	0.00	0.00	0.00			
0.00	0.00	0.00	300.31	419.68	534.00	654.78	761.66	877.53	983.27
1076.20	1156.80	1250.80	1299.58	1363.47	1411.62	1440.15	1451.92		

2X2 40W 4000K

1480.86	1455.34									
1447.10	1421.88	1377.06	1316.24	1270.75	1179.33	1101.80	1011.15			
907.93	793.75									
689.14	565.41	448.45	326.12	0.00	0.00	0.00				
0.00	0.00	0.00	301.28	420.72	535.69	656.46	764.04	879.56	986.33	
1078.63	1160.39	1253.68	1303.56	1366.77	1415.84	1443.71	1456.45			
1484.49	1459.95									
1450.48	1426.33	1380.23	1320.30	1273.75	1183.00	1104.42	1014.42			
910.14	796.28									
690.91	567.19	449.62	327.15	0.00	0.00	0.00				
0.00	0.00	0.00	302.13	421.60	537.23	657.91	766.16	881.38	988.90	
1080.78	1163.50	1256.10	1307.13	1369.41	1419.80	1446.56	1460.51			
1487.54	1463.98									
1453.28	1430.22	1382.89	1323.91	1276.37	1186.28	1106.67	1017.32			
912.02	798.54									
692.43	568.80	450.59	328.11	0.00	0.00	0.00				
0.00	0.00	0.00	302.84	422.34	538.59	659.05	768.01	883.02	991.11	
1082.75	1166.15	1258.24	1310.22	1371.64	1423.32	1448.92	1464.10			
1490.06	1467.48									
1455.69	1433.47	1385.22	1326.99	1278.67	1189.08	1108.58	1019.76			
913.59	800.53									
693.70	570.26	451.34	328.97	0.00	0.00	0.00				
0.00	0.00	0.00	303.45	422.90	539.76	659.89	769.65	884.25	993.12	
1084.29	1168.44	1260.03	1312.76	1373.59	1426.07	1451.00	1467.05			
1492.24	1470.41									
1457.78	1436.15	1387.23	1329.63	1280.60	1191.52	1110.14	1021.82			
914.82	802.23									
694.65	571.51	451.95	329.66	0.00	0.00	0.00				
0.00	0.00	0.00	303.98	423.36	540.69	660.58	771.03	885.07	995.01	
1085.31	1170.50	1261.30	1314.94	1375.05	1428.34	1452.54	1469.49			
1493.78	1472.88									
1459.28	1438.50	1388.69	1331.95	1282.02	1193.63	1111.27	1023.53			
915.70	803.64									
695.32	572.52	452.42	330.17	0.00	0.00	0.00				
0.00	0.00	0.00	304.41	423.70	541.40	661.10	772.07	885.67	996.42	
1085.98	1172.16	1262.02	1316.81	1375.82	1430.37	1453.34	1471.62			

2X2 40W 4000K

1494.58	1475.01								
1460.14	1440.54	1389.53	1333.92	1282.74	1195.37	1111.88	1024.90		
916.23	804.74								
695.79	573.30	452.70	330.59	0.00	0.00	0.00			
0.00	0.00	0.00	304.75	423.87	541.97	661.38	772.83	885.96	997.32
1086.29	1173.30	1262.36	1318.17	1376.09	1431.93	1453.65	1473.16		
1495.05	1476.53								
1460.59	1442.03	1389.93	1335.36	1283.05	1196.65	1112.17	1025.90		
916.52	805.51								
696.08	573.87	452.85	330.97	0.00	0.00	0.00			
0.00	0.00	0.00	305.00	423.87	542.40	661.39	773.38	885.92	997.95
1086.23	1174.00	1262.34	1318.92	1376.04	1432.73	1453.63	1473.96		
1495.11	1477.36								
1460.64	1442.92	1389.98	1336.14	1283.14	1197.31	1112.24	1026.45		
916.58	806.01								
696.14	574.24	452.86	331.16	0.00	0.00	0.00			
0.00	0.00	0.00	305.12	423.70	542.62	661.13	773.67	885.57	998.25
1085.80	1174.32	1261.83	1319.22	1375.54	1432.95	1453.11	1474.35		
1494.56	1477.82								
1460.05	1443.37	1389.42	1336.49	1282.67	1197.61	1111.86	1026.74		
916.24	806.30								
695.81	574.47	452.64	331.23	0.00	0.00	0.00			
0.00	0.00	0.00	305.11	423.39	542.63	660.69	773.65	884.89	998.18
1084.97	1174.29	1260.93	1319.19	1374.50	1432.89	1452.04	1474.37		
1493.53	1477.87								
1458.92	1443.40	1388.30	1336.56	1281.66	1197.69	1111.11	1026.80		
915.62	806.36								
695.19	574.50	452.27	331.22	0.00	0.00	0.00			
0.00	0.00	0.00	304.98	422.93	542.42	660.04	773.35	883.95	997.79
1083.80	1173.82	1259.59	1318.68	1373.03	1432.39	1450.46	1473.84		
1491.89	1477.31								
1457.39	1442.79	1386.85	1336.05	1280.28	1197.27	1110.01	1026.46		
914.72	806.03								
694.44	574.23	451.79	331.06	0.00	0.00	0.00			
0.00	0.00	0.00	304.75	422.32	542.04	659.11	772.79	882.71	996.99
1082.27	1172.95	1257.78	1317.72	1371.02	1431.29	1448.33	1472.78		

2X2 40W 4000K

1489.71	1476.23								
1455.32	1441.62	1384.90	1334.98	1278.46	1196.38	1108.37	1025.83		
913.37	805.40								
693.46	573.73	451.14	330.81	0.00	0.00	0.00			
0.00	0.00	0.00	304.38	421.57	541.49	657.90	771.99	881.14	995.90
1080.38	1171.69	1255.63	1316.31	1368.54	1429.75	1445.73	1471.18		
1487.19	1474.64								
1452.74	1440.14	1382.41	1333.57	1276.18	1195.14	1106.21	1024.87		
911.56	804.58								
692.23	573.11	450.32	330.47	0.00	0.00	0.00			
0.00	0.00	0.00	303.92	420.66	540.71	656.47	770.91	879.27	994.51
1078.18	1170.02	1253.20	1314.40	1365.77	1427.64	1442.72	1469.02		
1484.05	1472.52								
1449.69	1438.12	1379.52	1331.68	1273.52	1193.42	1103.75	1023.33		
909.51	803.41								
690.80	572.30	449.34	329.99	0.00	0.00	0.00			
0.00	0.00	0.00	303.40	419.59	539.73	654.79	769.52	877.04	992.76
1075.57	1168.00	1250.37	1312.08	1362.57	1424.99	1439.21	1466.46		
1480.27	1469.97								
1446.06	1435.52	1376.13	1329.29	1270.47	1191.20	1101.04	1021.22		
907.25	801.89								
689.11	571.27	448.17	329.36	0.00	0.00	0.00			
0.00	0.00	0.00	302.76	418.37	538.57	652.88	767.87	874.49	990.68
1072.48	1165.69	1246.86	1309.49	1358.69	1422.06	1435.10	1463.39		
1476.08	1466.87								
1441.89	1432.52	1372.16	1326.52	1266.89	1188.63	1097.90	1018.86		
904.62	800.15								
687.06	570.07	446.78	328.61	0.00	0.00	0.00			
0.00	0.00	0.00	301.98	417.03	537.19	650.77	765.92	871.69	988.17
1069.01	1162.97	1242.76	1306.47	1354.32	1418.67	1430.53	1459.74		
1471.41	1463.17								
1437.30	1428.96	1367.76	1323.30	1262.79	1185.76	1094.32	1016.32		
901.63	798.18								
684.72	568.64	445.25	327.70	0.00	0.00	0.00			
0.00	0.00	0.00	301.12	415.54	535.62	648.46	763.68	868.58	985.29
1065.21	1159.67	1238.35	1302.77	1349.66	1414.60	1425.58	1455.59		

2X2 40W 4000K

1466.14	1458.99								
1432.22	1424.79	1362.96	1319.52	1258.37	1182.39	1090.43	1013.40		
898.39	795.84								
682.25	566.92	443.66	326.64	0.00	0.00	0.00			
0.00	0.00	0.00	300.16	413.87	533.90	645.84	761.23	865.13	982.14
1061.08	1155.89	1233.68	1298.54	1344.46	1410.10	1420.06	1450.97		
1460.47	1454.35								
1426.67	1420.24	1357.71	1315.27	1253.59	1178.56	1086.19	1010.09		
894.87	793.18								
679.61	564.99	441.91	325.52	0.00	0.00	0.00			
0.00	0.00	0.00	299.08	412.06	532.00	643.00	758.52	861.33	978.64
1056.54	1151.78	1228.65	1294.00	1338.74	1405.31	1414.01	1445.86		
1454.47	1449.18								
1420.70	1415.26	1351.98	1310.67	1248.32	1174.40	1081.57	1006.45		
891.00	790.32								
676.61	562.95	439.92	324.36	0.00	0.00	0.00			
0.00	0.00	0.00	297.89	410.10	529.86	639.99	755.48	857.23	974.77
1051.63	1147.38	1223.20	1289.07	1332.67	1399.86	1407.58	1440.27		
1447.94	1443.57								
1414.20	1409.77	1345.74	1305.65	1242.57	1169.89	1076.56	1002.50		
886.82	787.24								
673.35	560.76	437.79	323.05	0.00	0.00	0.00			
0.00	0.00	0.00	296.59	408.00	527.53	636.71	752.16	852.89	970.49
1046.38	1142.60	1217.17	1283.69	1326.06	1393.78	1400.63	1434.24		
1440.87	1437.58								
1407.17	1403.81	1339.02	1300.15	1236.43	1164.95	1071.19	998.20	882.36	
783.81									
669.93	558.26	435.55	321.57	0.00	0.00	0.00			
0.00	0.00	0.00	295.16	405.75	525.05	633.19	748.61	848.31	965.84
1040.78	1137.41	1210.60	1277.93	1318.94	1387.40	1393.15	1427.76		
1433.22	1431.07								
1399.69	1397.33	1331.93	1294.15	1229.91	1159.56	1065.49	993.56	877.60	
780.08									
666.23	555.57	433.11	320.01	0.00	0.00	0.00			
0.00	0.00	0.00	293.64	403.37	522.35	629.50	744.80	843.46	960.98
1034.87	1131.77	1203.74	1271.62	1311.56	1380.51	1385.34	1420.75		

2X2 40W 4000K

1425.10	1424.02								
1391.77	1390.32	1324.37	1287.73	1222.89	1153.81	1059.44	988.58	872.57	
776.14									
662.28	552.74	430.52	318.37	0.00	0.00	0.00			
0.00	0.00	0.00	292.03	400.84	519.47	625.57	740.75	838.27	955.87
1028.56	1125.69	1196.45	1264.77	1303.70	1373.12	1377.10	1413.19		
1416.66	1416.46								
1383.44	1382.93	1316.38	1280.92	1215.46	1147.70	1053.00	983.28	867.22	
771.91									
658.10	549.67	427.80	316.56	0.00	0.00	0.00			
0.00	0.00	0.00	290.31	398.17	516.44	621.37	736.48	832.74	950.43
1021.85	1119.31	1188.71	1257.65	1295.33	1365.47	1368.33	1405.22		
1407.73	1408.44								
1374.67	1375.11	1308.00	1273.63	1207.73	1141.17	1046.15	977.72	861.48	
767.43									
653.70	546.40	424.92	314.64	0.00	0.00	0.00			
0.00	0.00	0.00	288.48	395.38	513.21	617.02	731.92	826.93	944.62
1014.82	1112.51	1180.68	1250.08	1286.49	1357.32	1358.99	1396.88		
1398.18	1400.05								
1365.38	1366.83	1299.21	1265.92	1199.69	1134.23	1038.95	971.77	855.42	
762.66									
649.10	542.95	421.92	312.64	0.00	0.00	0.00			
0.00	0.00	0.00	286.57	392.47	509.77	612.49	727.05	820.90	938.42
1007.47	1105.28	1172.21	1242.02	1277.13	1348.63	1349.12	1388.03		
1388.18	1391.20								
1355.58	1358.14	1289.92	1257.86	1191.23	1126.94	1031.44	965.36	849.11	
757.59									
644.26	539.31	418.75	310.53	0.00	0.00	0.00			
0.00	0.00	0.00	284.56	389.44	506.20	607.77	721.98	814.54	931.89
999.72	1097.75	1163.30	1233.59	1267.40	1339.40	1338.90	1378.59		
1377.79	1381.78								
1345.34	1348.97	1280.16	1249.45	1182.24	1119.32	1023.55	958.57	842.53	
752.26									
639.20	535.51	415.41	308.33	0.00	0.00	0.00			
0.00	0.00	0.00	282.46	386.27	502.48	602.84	716.69	807.94	925.10
991.71	1089.84	1154.15	1224.67	1257.47	1329.58	1328.39	1368.65		

2X2 40W 4000K

1366.90	1371.88								
1334.75	1339.27	1270.03	1240.58	1172.73	1111.33	1015.24	951.54	835.65	
746.69									
633.94	531.50	411.95	306.00	0.00	0.00	0.00			
0.00	0.00	0.00	280.27	382.96	498.60	597.65	711.15	801.12	917.93
983.44	1081.51	1144.60	1215.35	1247.12	1319.46	1317.42	1358.35		
1355.50	1361.57								
1323.69	1329.12	1259.45	1231.20	1162.79	1102.89	1006.64	944.20	828.55	
740.86									
628.50	527.30	408.38	303.52	0.00	0.00	0.00			
0.00	0.00	0.00	277.99	379.50	494.55	592.27	705.39	793.96	910.49
974.72	1072.93	1134.54	1205.81	1236.20	1309.14	1305.92	1347.64		
1343.70	1350.82								
1312.05	1318.68	1248.36	1221.38	1152.62	1093.99	997.79	936.50	821.18	
734.80									
622.80	522.95	404.67	300.95	0.00	0.00	0.00			
0.00	0.00	0.00	275.61	375.90	490.31	586.62	699.39	786.47	902.86
965.67	1064.02	1124.22	1195.86	1224.92	1298.38	1293.99	1336.46		
1331.43	1339.59								
1300.02	1307.78	1236.91	1211.12	1142.10	1084.72	988.54	928.57	813.46	
728.52									
616.84	518.44	400.79	298.31	0.00	0.00	0.00			
0.00	0.00	0.00	273.12	372.17	485.88	580.74	693.11	778.79	894.81
956.40	1054.63	1113.58	1185.37	1213.28	1287.03	1281.65	1324.81		
1318.69	1327.87								
1287.60	1296.23	1225.05	1200.49	1131.04	1075.20	978.86	920.37	805.41	
721.99									
610.69	513.73	396.74	295.60	0.00	0.00	0.00			
0.00	0.00	0.00	270.54	368.34	481.26	574.73	686.54	770.89	886.40
946.78	1044.95	1102.41	1174.57	1201.13	1275.28	1268.80	1312.71		
1305.44	1315.72								
1274.72	1284.31	1212.79	1189.50	1119.65	1065.32	968.91	911.76	797.12	
715.15									
604.27	508.82	392.55	292.76	0.00	0.00	0.00			
0.00	0.00	0.00	267.88	364.38	476.46	568.49	679.77	762.67	877.81
936.81	1034.99	1090.93	1163.43	1188.64	1263.12	1255.64	1300.17		

2X2 40W 4000K

1291.91	1303.14								
1261.52	1272.05	1200.22	1178.04	1108.02	1054.95	958.74	902.77	788.64	
708.05									
597.72	503.72	388.28	289.77	0.00	0.00	0.00			
0.00	0.00	0.00	265.14	360.31	471.54	562.10	672.81	754.22	868.96
926.59	1024.60	1079.20	1151.77	1175.82	1250.48	1242.15	1287.12		
1278.21	1290.08								
1247.94	1259.36	1187.22	1166.22	1096.07	1044.28	948.22	893.54	779.89	
700.69									
591.07	498.41	383.93	286.69	0.00	0.00	0.00			
0.00	0.00	0.00	262.32	356.14	466.44	555.58	665.58	745.54	859.75
916.02	1013.87	1067.02	1139.78	1162.49	1237.50	1228.09	1273.78		
1263.83	1276.72								
1233.76	1246.32	1173.68	1154.12	1083.57	1033.38	937.25	884.10	770.76	
693.18									
584.10	493.00	379.40	283.55	0.00	0.00	0.00			
0.00	0.00	0.00	259.42	351.84	461.21	548.81	658.16	736.49	850.28
905.03	1002.90	1054.43	1127.51	1148.79	1224.12	1213.60	1260.18		
1248.87	1263.07								
1219.18	1232.80	1159.75	1141.65	1070.59	1022.15	925.93	874.30	761.35	
685.48									
576.83	487.50	374.68	280.35	0.00	0.00	0.00			
0.00	0.00	0.00	256.42	347.41	455.86	541.87	650.56	727.23	840.52
893.76	991.52	1041.46	1114.76	1134.85	1210.22	1198.95	1245.96		
1233.75	1248.80								
1204.39	1218.73	1145.65	1128.62	1057.51	1010.41	914.48	864.09	751.79	
677.43									
569.45	481.75	369.86	277.05	0.00	0.00	0.00			
0.00	0.00	0.00	253.35	342.87	450.32	534.77	642.65	717.76	830.34
882.21	979.73	1028.14	1101.61	1120.44	1195.97	1183.85	1231.24		
1218.37	1234.02								
1189.24	1204.34	1131.18	1115.17	1044.18	998.26	902.75	853.61	742.01	
669.09									
561.95	475.75	364.97	273.60	0.00	0.00	0.00			
0.00	0.00	0.00	250.18	338.25	444.64	527.46	634.55	707.98	819.91
870.33	967.61	1014.50	1088.15	1105.61	1181.54	1168.27	1216.35		

2X2 40W 4000K

1202.48	1219.07								
1173.56	1189.71	1116.20	1101.58	1030.40	986.00	890.61	842.96	731.88	
660.62									
554.23	469.66	359.96	270.07	0.00	0.00	0.00			
0.00	0.00	0.00	246.93	333.51	438.82	519.99	626.26	698.04	809.25
858.25	955.17	1000.64	1074.29	1090.57	1166.59	1152.40	1201.11		
1186.13	1203.81								
1157.52	1174.67	1100.92	1087.68	1016.30	973.47	878.17	832.04	721.51	
651.98									
546.32	463.46	354.82	266.49	0.00	0.00	0.00			
0.00	0.00	0.00	243.65	328.65	432.86	512.32	617.72	687.93	798.24
845.98	942.41	986.46	1060.06	1075.15	1151.17	1136.14	1185.38	1169.45	
1188.02									
1141.21	1159.10	1085.35	1073.30	1001.89	960.50	865.50	820.71	710.95	
643.05									
538.24	457.09	349.58	262.82	0.00	0.00	0.00			
0.00	0.00	0.00	240.28	323.68	426.75	504.51	609.01	677.56	787.06
833.33	929.44	971.82	1045.60	1059.34	1135.53	1119.53	1169.26	1152.37	
1171.83									
1124.51	1143.22	1069.42	1058.61	987.09	947.24	852.56	809.10	700.18	
633.92									
529.95	450.57	344.22	259.07	0.00	0.00	0.00			
0.00	0.00	0.00	236.81	318.62	420.48	496.58	600.12	666.95	775.73
820.36	916.22	956.83	1030.80	1043.16	1119.49	1102.50	1152.79	1134.84	
1155.33									
1107.39	1127.09	1053.09	1043.62	971.93	933.69	839.31	797.31	689.17	
624.60									
521.49	443.91	338.75	255.24	0.00	0.00	0.00			
0.00	0.00	0.00	233.26	313.46	414.09	488.48	591.03	656.12	764.08
807.17	902.57	941.62	1015.58	1026.57	1103.11	1084.99	1135.95	1116.88	
1138.44									
1089.80	1110.58	1036.31	1028.25	956.42	919.82	825.74	785.29	677.89	
615.06									
512.87	437.09	333.16	251.36	0.00	0.00	0.00			
0.00	0.00	0.00	229.64	308.24	407.60	480.26	581.76	645.10	752.13
793.74	888.60	926.20	1000.00	1009.69	1086.33	1067.18	1118.67	1098.65	

2X2 40W 4000K

1121.12									
1071.88	1093.67	1019.20	1012.51	940.62	905.62	811.96	773.00	666.46	
605.33									
504.14	430.12	327.48	247.38	0.00	0.00	0.00			
0.00	0.00	0.00	225.95	302.95	400.97	471.93	572.30	633.92	739.94
780.11	874.39	910.50	984.09	992.54	1069.05	1049.10	1100.93	1080.18	
1103.34									
1053.75	1076.26	1001.86	996.37	924.53	891.08	797.97	760.39	654.90	
595.38									
495.34	423.01	321.74	243.30	0.00	0.00	0.00			
0.00	0.00	0.00	222.24	297.52	394.25	463.41	562.68	622.56	727.52
766.23	859.97	894.43	967.94	975.13	1051.44	1030.75	1082.91	1061.27	
1085.26									
1035.35	1058.50	984.29	979.91	908.09	876.29	783.68	747.62	643.09	
585.30									
486.31	415.81	315.90	239.16	0.00	0.00	0.00			
0.00	0.00	0.00	218.45	291.96	387.44	454.72	552.93	610.98	714.91
752.10	845.30	878.10	951.52	957.45	1033.57	1012.11	1064.64	1042.07	
1066.96									
1016.64	1040.53	966.41	963.20	891.38	861.25	769.18	734.69	631.08	
575.12									
477.06	408.54	309.95	234.95	0.00	0.00	0.00			
0.00	0.00	0.00	214.57	286.25	380.46	445.92	542.98	599.22	702.13
737.76	830.33	861.54	934.78	939.40	1015.49	993.09	1046.01	1022.62	
1048.31									
997.53	1022.40	948.15	946.19	874.50	845.88	754.43	721.48	618.84	
564.70									
467.74	401.10	303.88	230.70	0.00	0.00	0.00			
0.00	0.00	0.00	210.58	280.43	373.34	436.96	532.85	587.29	689.11
723.19	815.10	844.66	917.77	921.00	997.13	973.71	1027.09	1002.77	
1029.35									
978.09	1003.92	929.62	928.90	857.37	830.28	739.45	708.08	606.42	
554.07									
458.31	393.50	297.67	226.39	0.00	0.00	0.00			
0.00	0.00	0.00	206.42	274.53	366.09	427.86	522.57	575.13	675.87
708.31	799.65	827.41	900.47	902.27	978.33	953.99	1007.86	982.55	

2X2 40W 4000K

1010.07

958.28 984.98 910.70 911.33 839.81 814.47 724.18 694.40 593.80

543.29

448.68 385.81 291.32 221.94 0.00 0.00 0.00

0.00 0.00 0.00 202.16 268.56 358.70 418.69 512.12 562.78 662.45

693.19 783.92 809.92 882.83 883.31 959.18 934.03 988.24 962.08

990.43

938.17 965.75 891.45 893.50 821.92 798.41 708.65 680.48 580.98

532.37

438.91 377.99 284.86 217.35 0.00 0.00 0.00

0.00 0.00 0.00 197.86 262.54 351.20 409.45 501.50 550.27 648.76

677.88 767.86 792.29 864.84 864.16 939.70 913.85 968.27 941.38

970.41

917.88 946.14 872.08 875.26 803.96 782.00 692.96 666.37 568.01

521.24

429.11 370.00 278.35 212.64 0.00 0.00 0.00

0.00 0.00 0.00 193.49 256.43 343.62 400.05 490.73 537.63 634.82

662.40 751.55 774.39 846.61 844.69 920.00 893.33 948.05 920.29

950.13

897.22 926.22 852.39 856.68 785.79 765.28 677.05 652.01 554.85

509.94

419.17 361.89 271.76 207.84 0.00 0.00 0.00

0.00 0.00 0.00 189.08 250.23 335.99 390.50 479.86 524.83 620.68

646.74 735.09 756.21 828.23 824.94 900.09 872.52 927.62 898.93

929.63

876.25 906.14 832.38 838.02 767.33 748.46 660.99 637.46 541.57

498.56

409.07 353.73 265.10 202.97 0.00 0.00 0.00

0.00 0.00 0.00 184.62 243.99 328.24 380.88 468.84 511.88 606.41

630.86 718.39 737.81 809.54 804.93 879.85 851.46 906.81 877.38

908.75

855.07 885.68 812.19 819.09 748.74 731.42 644.78 622.69 528.16

487.01

398.88 345.47 258.40 198.05 0.00 0.00 0.00

0.00 0.00 0.00 180.09 237.71 320.37 371.21 457.67 498.85 592.00

614.84 701.47 719.18 790.58 784.70 859.31 830.14 885.72 855.53

2X2 40W 4000K

887.59

833.66 864.91 791.81 799.86 729.98 714.16 628.40 607.82 514.60

475.32

388.59 337.08 251.64 193.12 0.00 0.00 0.00

0.00 0.00 0.00 175.54 231.35 312.43 361.44 446.38 485.70 577.38

598.67 684.34 700.33 771.37 764.25 838.49 808.60 864.42 833.39

866.23

811.98 843.92 771.15 780.47 710.91 696.76 611.84 592.80 500.94

463.52

378.22 328.64 244.81 188.16 0.00 0.00 0.00

0.00 0.00 0.00 170.96 224.95 304.46 351.59 435.03 472.45 562.67

582.38 667.01 681.39 751.94 743.65 817.45 786.87 842.84 811.04

844.59

790.04 822.73 750.22 760.89 691.57 679.19 595.10 577.60 487.18

451.59

367.82 320.11 237.92 183.16 0.00 0.00 0.00

0.00 0.00 0.00 166.30 218.57 296.39 341.77 423.57 459.14 547.84

565.99 649.50 662.32 732.29 722.88 796.20 764.93 820.99 788.47

822.68

767.96 801.27 729.14 741.03 672.01 661.37 578.20 562.30 473.32

439.58

357.35 311.51 231.00 178.10 0.00 0.00 0.00

0.00 0.00 0.00 161.63 212.48 288.27 332.92 412.02 446.00 532.88

549.34 631.89 642.94 712.52 701.77 774.78 742.68 798.95 765.65

800.54

745.67 779.54 707.90 720.90 652.33 643.34 561.08 546.87 459.26

427.50

346.88 302.87 224.91 172.97 0.00 0.00 0.00

0.00 0.00 0.00 156.97 206.99 280.17 325.94 400.45 433.42 517.82

532.59 614.16 623.44 692.60 680.52 753.16 720.25 776.70 742.62

778.21

723.13 757.71 686.44 700.57 632.56 625.10 543.87 531.30 445.49

415.33

337.43 294.18 219.96 167.83 0.00 0.00 0.00

0.00 0.00 0.00 152.26 201.46 272.70 318.79 389.46 420.76 502.54

515.79 596.14 603.88 672.36 659.19 731.19 697.70 754.16 719.42

2X2 40W 4000K

755.66									
700.45	735.68	664.83	680.11	612.57	606.70	526.65	515.45	432.41	
403.07									
329.85	285.90	214.77	163.93	0.00	0.00	0.00			
0.00	0.00	0.00	147.52	195.15	266.47	309.45	379.68	407.29	487.16
498.83	578.01	584.09	651.98	637.59	709.06	674.89	731.43	695.98	
732.88									
677.59	713.38	643.07	659.50	592.42	588.21	509.25	499.52	419.13	
391.46									
322.06	278.70	208.63	161.23	0.00	0.00	0.00			
0.00	0.00	0.00	142.79	188.43	260.12	298.98	369.78	393.37	471.75
481.79	559.84	564.22	631.53	615.87	686.84	651.91	708.56	672.35	
709.93									
654.57	690.97	621.18	638.70	572.17	569.61	491.72	483.68	405.01	
381.13									
312.05	272.31	201.71	157.23	0.00	0.00	0.00			
0.00	0.00	0.00	138.00	181.68	252.30	288.37	358.37	379.40	456.21
464.72	541.46	544.35	610.84	594.15	664.34	628.91	685.43	648.64	
686.79									
631.45	668.40	599.20	617.74	551.88	550.83	474.18	467.67	390.52	
370.60									
300.88	265.34	194.41	151.92	0.00	0.00	0.00			
0.00	0.00	0.00	133.16	174.87	243.71	277.56	346.18	365.30	440.57
447.56	523.00	524.34	590.04	572.26	641.69	605.76	662.13	624.85	
663.46									
608.16	645.68	577.06	596.68	531.53	531.95	456.58	451.50	375.92	
358.53									
289.55	256.88	187.03	146.54	0.00	0.00	0.00			
0.00	0.00	0.00	128.34	168.01	235.03	266.64	333.88	351.12	424.91
430.29	504.54	504.14	569.25	550.21	619.05	582.46	638.78	600.90	
640.05									
584.70	622.85	554.75	575.54	511.05	513.03	438.88	435.33	361.22	
345.70									
278.07	247.64	179.58	141.17	0.00	0.00	0.00			
0.00	0.00	0.00	123.52	161.13	226.22	255.70	321.43	336.91	409.17
412.97	485.95	483.88	548.30	528.14	596.22	559.13	615.30	576.88	

2X2 40W 4000K

616.51									
561.22	599.82	532.43	554.30	490.48	494.05	421.13	419.10	346.49	
332.73									
266.55	238.29	172.14	135.77	0.00	0.00	0.00			
0.00	0.00	0.00	118.70	154.25	217.32	244.74	308.88	322.68	393.36
395.65	467.21	463.64	527.17	505.98	573.24	535.69	591.68	552.77	
592.80									
537.70	576.60	510.06	532.90	469.87	474.97	403.35	402.79	331.73	
319.65									
255.00	228.83	164.69	130.34	0.00	0.00	0.00			
0.00	0.00	0.00	113.85	147.36	208.41	233.79	296.30	308.49	377.51
378.36	448.43	443.40	506.01	483.79	550.26	512.18	568.01	528.58	
569.05									
514.09	553.40	487.62	511.45	449.17	455.81	385.55	386.46	316.99	
306.52									
243.49	219.34	157.25	124.93	0.00	0.00	0.00			
0.00	0.00	0.00	109.00	140.44	199.49	222.87	283.71	294.33	361.65
361.09	429.64	423.15	484.81	461.60	527.15	488.68	544.23	504.39	
545.23									
490.46	530.16	465.16	489.96	428.47	436.61	367.75	370.10	302.26	
293.37									
231.99	209.85	149.82	119.53	0.00	0.00	0.00			
0.00	0.00	0.00	104.14	133.37	190.58	211.87	271.14	280.08	345.85
343.74	410.88	402.85	463.60	439.32	503.98	465.10	520.38	480.18	
521.34									
466.78	506.85	442.66	468.40	407.82	417.36	349.96	353.75	287.51	
280.24									
220.49	200.37	142.38	114.13	0.00	0.00	0.00			
0.00	0.00	0.00	99.23	126.03	181.66	200.59	258.60	265.65	330.06
326.32	392.12	382.60	442.38	417.09	480.82	441.53	496.53	455.92	
497.43									
443.13	483.50	420.22	446.81	387.21	398.11	332.11	337.39	272.72	
267.13									
209.03	190.91	134.96	108.74	0.00	0.00	0.00			
0.00	0.00	0.00	94.12	118.38	172.62	188.81	245.97	250.97	314.18
308.87	373.29	362.51	421.09	395.00	457.56	418.08	472.64	431.75	

2X2 40W 4000K

473.48

419.54 460.08 397.86 425.24 366.69 378.89 314.21 321.02 257.86

254.00

197.64 181.43 127.56 103.32 0.00 0.00 0.00

0.00 0.00 0.00 88.75 110.44 163.31 176.53 233.12 236.07 298.18

291.68 354.46 343.38 399.84 373.29 434.33 394.72 448.73 407.66

449.53

395.96 436.73 375.80 403.71 347.18 359.66 296.63 304.57 243.01

240.88

186.33 172.00 120.04 97.93 0.00 0.00 0.00

0.00 0.00 0.00 83.17 102.27 153.60 163.85 219.89 221.08 282.04

275.08 335.69 325.87 378.76 352.12 411.24 371.35 424.92 383.56

425.65

372.41 413.44 354.37 382.27 329.44 340.45 279.69 287.97 228.23

227.75

175.03 162.60 112.30 92.52 0.00 0.00 0.00

0.00 0.00 0.00 77.40 93.92 143.49 150.86 206.30 205.97 265.83

258.39 317.53 308.11 358.34 330.90 388.25 348.37 401.19 360.55

401.81

349.37 390.12 333.03 361.49 311.52 321.90 262.77 271.35 213.53

214.67

163.80 153.18 104.41 86.89 0.00 0.00 0.00

0.00 0.00 0.00 71.48 85.47 133.06 137.67 192.46 190.42 249.69

240.65 300.47 288.35 338.99 309.06 365.25 326.15 377.46 339.62

377.99

327.12 366.84 311.06 341.91 291.45 304.57 245.25 254.82 199.01

201.63

152.71 143.67 96.46 80.93 0.00 0.00 0.00

0.00 0.00 0.00 65.45 76.95 122.39 124.31 178.42 173.93 233.53

221.69 283.25 267.57 319.50 286.84 342.29 303.79 354.46 318.42

354.96

304.62 343.78 288.58 322.28 270.32 287.15 227.46 238.39 184.58

188.67

141.67 134.11 88.43 74.72 0.00 0.00 0.00

0.00 0.00 0.00 59.38 68.43 111.57 110.86 164.04 157.02 216.80

202.37 264.50 246.91 298.70 264.64 319.42 280.65 332.89 294.91

2X2 40W 4000K

333.37
 281.32 320.87 266.14 301.26 249.37 268.35 209.79 222.16 170.23
 175.86
 130.71 124.58 80.38 68.33 0.00 0.00 0.00
 0.00 0.00 0.00 53.27 60.14 100.63 97.60 149.12 140.69 198.75
 183.61 244.63 226.35 277.20 242.64 296.47 257.37 311.10 270.53
 311.52
 257.93 297.72 243.98 279.45 228.69 248.89 192.81 206.03 156.55
 163.13
 119.90 115.05 72.37 61.80 0.00 0.00 0.00
 0.00 0.00 0.00 47.21 52.32 89.65 84.92 133.94 124.36 180.10
 164.43 224.64 205.13 255.78 220.61 273.51 234.36 287.78 246.38
 288.11
 234.83 274.52 222.14 257.75 208.29 229.58 176.94 190.00 143.90
 150.47
 109.17 105.54 64.50 55.21 0.00 0.00 0.00
 0.00 0.00 0.00 41.42 45.06 78.87 73.12 119.15 107.13 162.24
 143.53 204.98 182.31 234.49 198.24 250.78 211.63 263.95 222.47
 264.23
 212.04 251.63 200.61 236.34 188.17 210.75 161.18 174.87 131.19
 138.22
 98.19 96.14 56.84 48.60 0.00 0.00 0.00
 0.00 0.00 0.00 36.03 38.51 68.62 62.41 104.64 90.20 144.08
 121.96 184.78 157.69 212.87 175.52 228.35 189.31 240.37 199.07
 240.61
 189.69 229.06 179.45 215.21 168.37 192.61 144.69 161.26 117.44
 126.53
 86.60 86.83 49.40 42.16 0.00 0.00 0.00
 0.00 0.00 0.00 31.04 32.83 59.09 52.92 90.13 75.36 124.14
 101.68 162.92 131.89 190.27 153.47 206.21 168.22 217.05 176.13
 217.26
 168.19 206.83 159.13 194.39 148.97 174.67 128.04 147.68 103.21
 114.69
 74.47 77.52 42.24 36.17 0.00 0.00 0.00
 0.00 0.00 0.00 26.55 28.01 50.46 44.69 76.31 63.03 104.10
 83.46 139.82 106.00 166.60 131.80 184.43 147.66 194.19 153.56
 194.38
 147.83 185.00 139.96 173.91 129.94 156.53 111.42 132.86 88.79
 102.02
 62.04 68.00 35.45 30.79 0.00 0.00 0.00
 0.00 0.00 0.00 22.78 23.86 42.87 37.69 64.14 52.53 86.58
 67.26 116.78 81.88 142.68 108.20 164.26 124.75 172.18 131.53

2X2 40W 4000K

172.16
 127.81 164.22 121.02 154.05 111.16 138.50 94.39 117.57 73.98
 88.84
 49.91 58.36 29.14 26.12 0.00 0.00 0.00
 0.00 0.00 0.00 19.67 20.10 36.35 31.61 53.86 43.04 72.20
 53.01 94.73 61.50 118.90 82.70 144.71 98.85 150.61 109.95
 150.70
 107.13 144.96 101.13 134.95 91.97 120.68 76.74 102.16 59.15
 75.41
 39.21 48.75 23.53 22.16 0.00 0.00 0.00
 0.00 0.00 0.00 16.94 16.47 30.77 25.92 45.11 34.17 59.94
 40.66 74.57 45.39 95.04 57.83 121.36 71.86 128.14 87.49 129.67

 85.24 125.95 80.01 116.09 71.80 102.77 58.96 86.01 45.15 61.94

 30.36 39.52 18.62 18.75 0.00 0.00 0.00
 0.00 0.00 0.00 14.35 12.80 25.86 20.33 37.33 26.10 48.76
 30.43 57.25 33.32 72.10 37.29 93.30 46.91 104.40 62.17 108.54

 61.91 105.72 58.50 96.55 51.96 84.35 42.63 69.12 32.93 49.18

 22.86 31.37 14.17 15.69 0.00 0.00 0.00
 0.00 0.00 0.00 11.74 9.07 21.20 14.75 30.05 18.90 38.30
 22.04 43.03 24.16 51.61 23.44 64.05 27.43 79.68 36.12 86.37
 39.27 84.11 38.84 75.90 34.83 65.38 28.96 52.55 22.74 37.76
 16.19 24.49 10.09 12.74 0.00 0.00 0.00
 0.00 0.00 0.00 9.03 5.63 16.57 9.19 23.22 12.13 28.98
 14.36 31.87 15.90 35.31 14.41 39.28 14.76 54.54 16.94 62.04
 21.34 61.77 22.70 55.23 21.02 47.30 17.73 37.96 14.10 27.90
 10.12 18.52 6.72 9.83 0.00 0.00 0.00
 0.00 0.00 0.00 6.23 3.27 11.91 4.71 16.83 6.34 20.98
 7.57 23.10 8.41 23.80 7.79 23.08 7.56 31.77 7.70 37.69
 10.00 40.84 10.98 36.84 10.66 31.90 9.25 26.02 7.62 19.47
 5.78 13.14 4.79 7.04 0.00 0.00 0.00
 0.00 0.00 0.00 3.85 2.37 7.41 2.63 10.66 3.14 13.60
 3.56 15.13 3.87 15.15 3.92 13.67 4.03 15.85 4.22 19.14
 4.71 23.54 5.02 21.86 5.14 19.37 4.92 16.09 4.62 12.11
 4.25 8.42 4.26 5.02 0.00 0.00 0.00
 0.00 0.00 0.00 2.56 2.33 3.99 2.37 5.52 2.47 7.15
 2.60 7.99 2.74 8.10 2.94 7.49 3.14 7.63 3.34 8.85
 3.54 11.14 3.72 10.82 3.88 9.95 4.01 8.54 4.13 6.70
 4.22 5.29 4.28 4.30 0.00 0.00 0.00

2X2 40W 4000K									
0.00	0.00	0.00	2.24	2.53	2.50	2.58	2.89	2.67	3.40
2.79	3.72	2.92	3.90	3.10	3.94	3.29	4.13	3.49	4.47
3.70	4.96	3.88	5.08	4.03	5.03	4.15	4.80	4.24	4.43
4.31	4.25	4.35	4.27	0.00	0.00	0.00			
0.00	0.00	0.00	2.32	2.76	2.35	2.81	2.42	2.89	2.52
2.99	2.67	3.11	2.84	3.27	3.03	3.45	3.24	3.64	3.44
3.86	3.64	4.05	3.80	4.19	3.95	4.30	4.08	4.37	4.17
4.41	4.25	4.43	4.31	0.00	0.00	0.00			
0.00	0.00	0.00	2.51	2.97	2.56	3.04	2.62	3.11	2.72
3.20	2.85	3.30	3.01	3.43	3.19	3.60	3.39	3.79	3.59
4.02	3.80	4.21	3.96	4.36	4.09	4.44	4.21	4.49	4.28
4.51	4.33	4.51	4.37	0.00	0.00	0.00			