

PHOTOMETRIC RESULTS

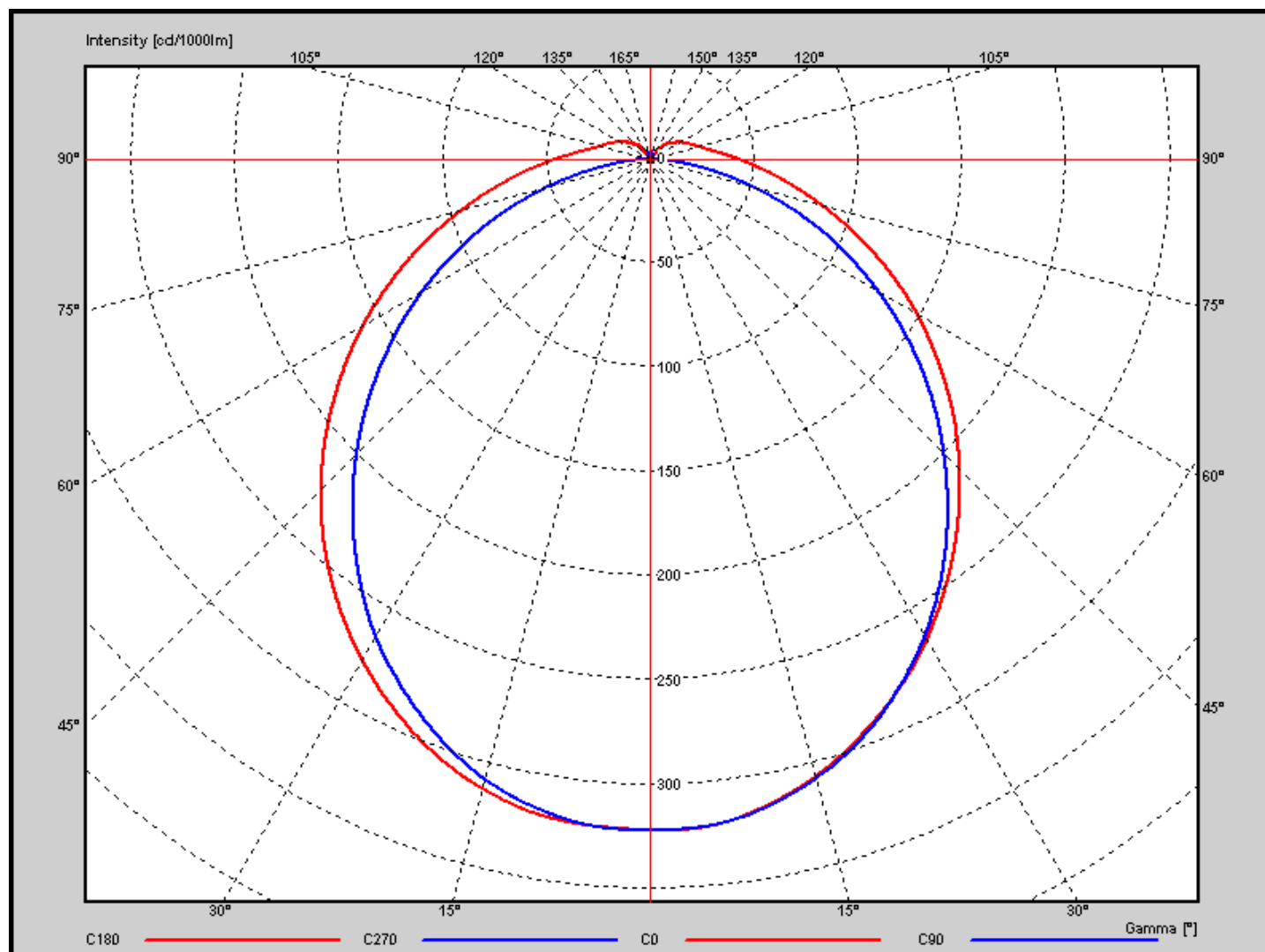
File Name:	LIICHT 482-QL17-S29 L700347		
Sample Number:	482-QL17-S29		
Report Number:			
Model:	L700347		
Flux:	6458 lm	Flux 2	0.00 lm
Date:	29/05/2017 10.37.19		
Manufacturer:	LIICHT		

Protocol

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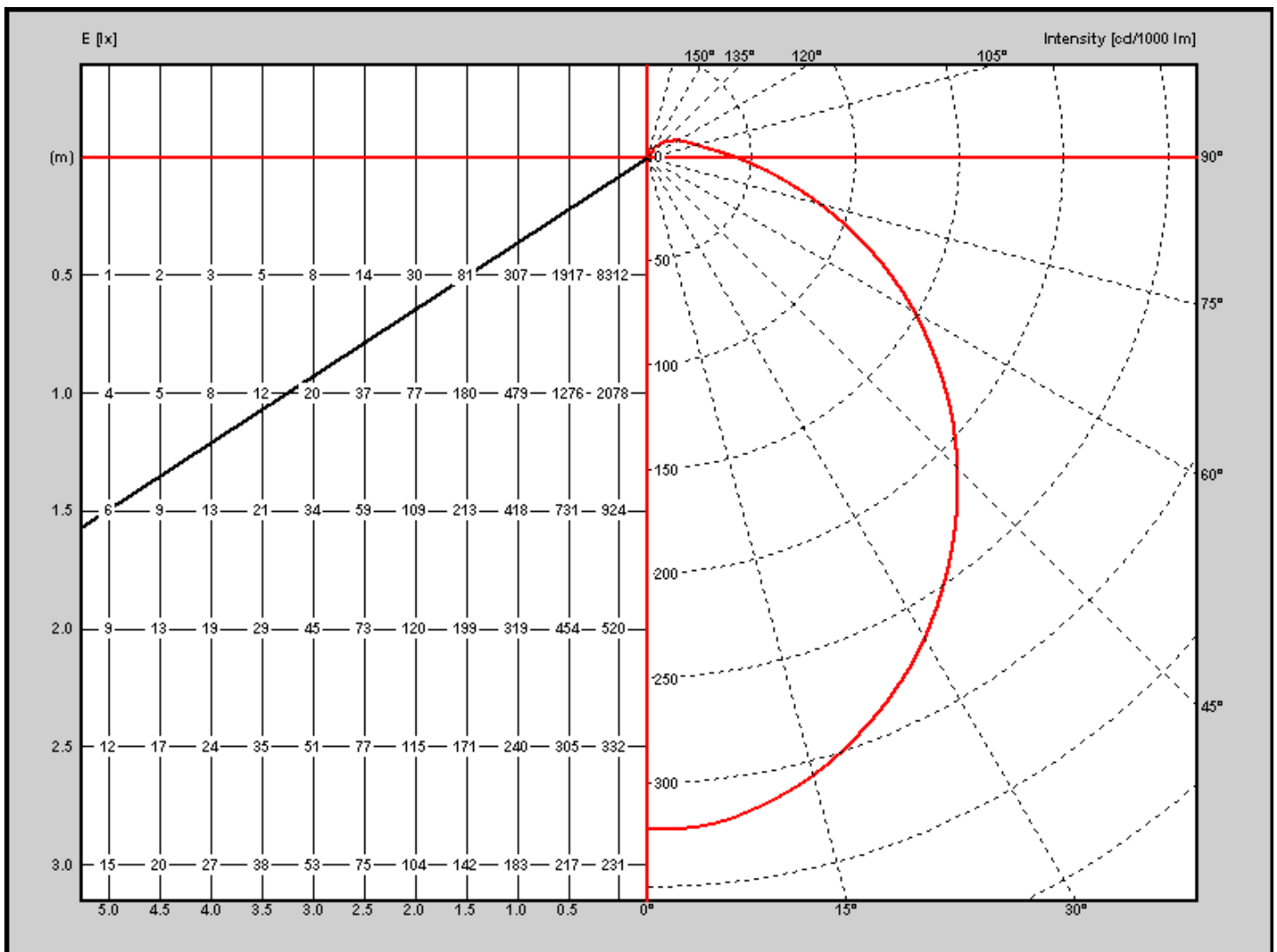
Polar diagram LIICHT 482-QL17-S29 L700347 / C0 to C270 in 90° - Gamma 0 to 180



PHOTOMETRIC RESULTS

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Illuminance and Intensity diagram LIICHT 482-QL17-S29 L700347 / C0 to C270 in 90 -
Gamma 0 to 180



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Date:	29/05/2017 10.37.19		
Manufacturer:	LIICHT		

Zonal flux LIICHT 482-QL17-S29 L700347 / C0 to C270 in 90 - Gamma 0 to 180

Gamm a [°]	Imin [cd/klm]	Imax [cd/klm]	Imean [cd/klm]	Zonal flux [lm]	Sum. zonal flux [lm]	Rel. zonal flux [%]	Sum. rel. zonal flux [%]
0.0	321.78	321.78	321.78	0	0	0.00	0.00
5.0	318.49	322.06	320.55	50	50	0.77	0.77
10.0	312.12	318.89	315.70	147	197	2.28	3.04
15.0	303.22	312.57	307.68	239	435	3.70	6.74
20.0	290.43	303.24	296.52	322	757	4.98	11.72
25.0	275.39	291.08	282.81	392	1149	6.08	17.80
30.0	258.11	277.11	266.65	449	1598	6.95	24.75
35.0	238.98	260.83	248.51	490	2088	7.59	32.34
40.0	217.14	243.11	228.80	514	2603	7.96	40.30
45.0	194.98	223.41	207.75	522	3125	8.08	48.38
50.0	171.75	202.88	185.88	514	3638	7.95	56.34
55.0	147.48	181.13	163.11	490	4128	7.59	63.93
60.0	123.29	159.33	140.16	453	4581	7.01	70.94
65.0	98.82	136.71	116.98	404	4985	6.25	77.19
70.0	74.82	114.83	94.16	345	5330	5.35	82.53
75.0	50.42	93.69	71.90	280	5610	4.34	86.87
80.0	27.60	74.87	52.03	214	5824	3.32	90.19
85.0	9.08	58.77	36.11	155	5979	2.40	92.58
90.0	0.39	45.40	25.12	108	6087	1.68	94.26
95.0	0.40	35.57	18.79	78	6165	1.20	95.46
100.0	0.40	28.48	15.15	60	6225	0.92	96.39
105.0	0.37	24.55	12.89	48	6273	0.75	97.14
110.0	0.37	21.41	11.20	41	6314	0.63	97.77
115.0	0.37	18.70	9.50	34	6348	0.52	98.29
120.0	0.40	16.32	8.09	28	6375	0.43	98.72
125.0	0.40	13.95	6.63	22	6397	0.34	99.06
130.0	0.40	11.96	5.32	17	6414	0.26	99.32
135.0	0.40	9.98	4.14	12	6426	0.19	99.51
140.0	0.73	7.58	2.65	8	6434	0.13	99.63
145.0	1.10	2.80	1.54	5	6439	0.07	99.70
150.0	1.46	3.20	1.94	3	6442	0.05	99.76
155.0	2.00	3.29	2.49	4	6446	0.06	99.81
160.0	2.55	3.65	2.97	4	6449	0.06	99.87

Zonal flux LIICHT 482-QL17-S29 L700347 / C0 to C270 in 90 - Gamma 0 to 180

Gamm a [°]	Imin [cd/klm]	Imax [cd/klm]	Imean [cd/klm]	Zonal flux [lm]	Sum. zonal flux [lm]	Rel. zonal flux [%]	Sum. rel. zonal flux [%]
165.0	2.81	4.41	3.50	3	6453	0.05	99.92
170.0	3.21	4.41	3.70	3	6456	0.04	99.96
175.0	3.61	4.02	3.67	2	6457	0.03	99.99
180.0	3.62	3.62	3.62	1	6458	0.01	100.00

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Report Number:			
Model:	L700347		
Flux:	6458 lm	Flux 2	0.00 lm
Date:	29/05/2017 10.37.19		
Manufacturer:	LIICHT		

Intensity [cd/klm] LIICHT 482-QL17-S29 L700347 / C0 to C270 in 90 - Gamma 0 to 180

G/C [cd/klm]	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0
0.0	321.78	321.78	321.78	321.78	321.78	321.78	321.78	321.78
5.0	321.13	319.24	318.86	319.61	318.49	320.54	319.30	320.93
10.0	315.05	313.60	312.86	313.19	312.12	314.64	312.98	315.42
15.0	306.27	304.90	304.18	304.09	303.46	305.99	303.22	306.38
20.0	294.43	293.54	292.45	292.31	291.37	294.60	290.43	294.60
25.0	281.09	279.14	278.85	278.66	277.40	280.46	275.39	279.29
30.0	265.49	263.64	262.99	261.99	260.42	263.56	258.11	262.78
35.0	248.03	246.28	246.04	244.23	242.36	245.45	238.98	243.10
40.0	229.49	227.85	227.25	225.00	223.22	225.34	218.40	222.61
45.0	209.87	208.33	207.38	204.70	202.24	204.42	196.74	200.50
50.0	189.95	187.75	186.82	184.10	180.95	182.28	174.41	177.57
55.0	168.58	166.86	165.58	162.44	159.37	159.70	151.39	153.42
60.0	147.68	145.67	144.04	140.48	137.10	137.07	128.45	129.22
65.0	126.10	124.19	122.96	118.60	115.30	114.01	105.60	104.58
70.0	104.99	103.54	101.58	97.57	93.58	91.69	83.20	80.67
75.0	85.11	83.35	81.41	77.00	72.31	69.33	61.26	57.12
80.0	67.95	66.25	63.95	59.52	54.13	49.68	41.26	35.88
85.0	53.49	52.22	49.93	45.11	39.77	34.73	26.21	19.73
90.0	42.10	41.25	38.97	34.52	29.21	24.10	16.45	10.27
95.0	33.39	32.56	30.29	26.59	22.05	17.79	11.19	6.33
100.0	27.33	26.52	24.64	21.67	17.91	14.25	8.94	5.15
105.0	23.53	22.74	21.24	18.65	15.27	12.28	7.81	4.36
110.0	20.50	20.09	18.59	16.38	13.38	10.71	6.68	3.57
115.0	18.23	17.45	16.33	14.49	11.87	9.13	5.56	0.79
120.0	15.59	15.19	14.08	12.23	10.00	7.95	4.44	0.40
125.0	13.33	12.94	12.20	10.36	8.50	6.76	0.74	0.40
130.0	11.09	10.70	10.33	8.86	7.38	1.99	0.74	0.40
135.0	9.59	9.21	8.84	7.00	2.21	0.80	0.74	0.80
140.0	5.89	5.15	3.31	1.10	0.73	0.80	0.73	1.20
145.0	1.10	1.10	1.10	1.10	1.10	1.20	1.10	2.00
150.0	1.47	1.46	1.46	1.46	1.46	1.60	1.83	2.80
155.0	2.19	2.19	2.19	2.19	2.19	2.40	2.92	3.20
160.0	2.55	2.55	2.55	2.55	2.92	3.60	3.64	3.60
165.0	3.64	3.64	3.64	4.00	4.00	4.41	3.64	3.61
170.0	4.00	4.00	4.00	4.00	4.00	4.01	3.63	4.01
175.0	3.63	3.63	3.62	3.63	3.62	4.02	3.62	4.02
180.0	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62

G/C [cd/klm]	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0
0.0	321.78	321.78	321.78	321.78	321.78	321.78	321.78	321.78
5.0	320.52	320.93	320.53	320.53	321.27	320.87	321.69	321.69
10.0	314.96	315.80	315.77	315.77	316.86	317.22	318.08	318.08
15.0	306.67	307.16	307.50	307.89	309.30	309.26	310.96	311.35

Intensity [cd/klm] LIICHT 482-QL17-S29 L700347 / C0 to C270 in 90 - Gamma 0 to 180

G/C [cd/klm]	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0
20.0	294.84	295.77	296.09	296.09	297.83	299.32	301.09	301.48
25.0	280.65	280.85	281.92	281.92	283.98	285.84	288.08	289.25
30.0	263.30	263.56	264.99	264.99	267.75	269.59	272.69	274.26
35.0	243.57	243.88	245.68	245.68	249.15	251.74	254.93	256.89
40.0	222.63	222.21	224.38	224.38	228.94	231.90	235.56	237.92
45.0	200.47	199.33	202.25	202.25	207.51	210.06	214.99	217.34
50.0	177.09	176.00	178.51	178.90	184.87	188.18	193.19	196.33
55.0	152.49	151.06	153.55	155.12	161.02	165.09	170.18	173.72
60.0	127.85	126.08	128.53	130.89	136.72	141.56	147.52	151.06
65.0	103.16	101.04	103.48	106.62	112.78	117.60	124.03	128.36
70.0	78.43	75.56	78.76	82.31	89.20	94.40	101.28	106.01
75.0	53.65	50.42	54.00	58.34	65.97	71.94	79.29	84.41
80.0	31.19	27.60	31.17	36.69	44.67	51.82	59.22	65.14
85.0	13.44	9.08	13.03	19.75	28.09	35.63	43.47	49.40
90.0	3.96	0.40	3.56	9.49	17.03	24.17	31.25	36.78
95.0	1.98	0.40	1.58	5.54	11.49	17.05	22.96	27.71
100.0	1.58	0.40	1.19	4.36	9.12	13.89	18.23	22.59
105.0	0.40	0.40	0.40	3.57	7.54	11.52	15.86	19.04
110.0	0.40	0.40	0.40	2.78	5.96	9.94	13.50	16.67
115.0	0.40	0.79	0.40	0.79	4.77	7.96	11.52	14.30
120.0	0.40	0.79	0.40	0.40	4.38	6.77	9.94	12.33
125.0	0.80	0.80	0.40	0.40	1.19	5.58	7.96	9.95
130.0	1.20	0.80	0.80	0.40	0.40	3.59	6.77	8.37
135.0	1.59	1.20	1.20	0.80	0.40	0.80	4.78	7.18
140.0	2.00	1.60	1.20	0.80	0.80	0.80	0.80	3.19
145.0	2.40	2.00	1.60	1.60	1.20	1.20	1.20	1.20
150.0	2.40	2.40	2.00	2.00	1.60	2.00	1.60	2.00
155.0	2.80	2.80	2.40	2.80	2.40	2.40	2.40	2.40
160.0	3.20	2.80	2.80	2.80	2.80	2.80	2.80	2.80
165.0	3.61	3.21	3.21	3.21	3.21	3.21	3.21	3.21
170.0	3.61	3.61	3.61	3.21	3.21	3.61	3.61	3.61
175.0	3.61	3.61	3.61	3.61	3.61	3.61	3.61	3.61
180.0	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62

G/C [cd/klm]	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0
0.0	321.78	321.78	321.78	321.78	321.78	321.78	321.78	321.78
5.0	322.06	321.70	320.94	321.72	321.71	321.70	321.32	321.32
10.0	318.45	318.89	318.55	318.16	318.53	318.11	317.75	317.36
15.0	312.48	312.57	312.27	311.88	312.22	311.40	310.67	310.28
20.0	302.98	303.11	303.24	302.85	303.18	301.94	300.45	299.28
25.0	290.73	290.90	291.08	291.08	290.99	289.34	288.26	285.53
30.0	276.10	277.11	276.95	276.56	276.44	273.98	272.15	270.20
35.0	259.49	260.16	260.83	260.05	259.52	257.03	254.83	251.70
40.0	241.28	242.39	243.11	241.94	241.38	238.09	235.52	232.00
45.0	221.07	222.24	223.41	222.23	221.26	217.93	214.99	210.29
50.0	200.04	201.66	202.88	201.70	200.31	196.56	193.64	188.16
55.0	178.19	179.86	181.13	179.95	178.53	174.75	171.08	165.19
60.0	156.30	158.01	159.33	157.76	156.32	152.12	148.07	142.18
65.0	133.58	135.34	136.71	135.14	134.06	129.05	125.02	118.73
70.0	111.22	113.42	114.83	113.25	111.37	106.72	102.32	95.63
75.0	90.00	91.84	93.69	92.11	90.21	84.75	79.96	72.87
80.0	70.72	72.99	74.87	73.29	70.97	65.89	60.33	52.44
85.0	54.57	57.26	58.77	57.59	55.25	49.76	44.20	36.31
90.0	41.95	44.27	45.40	44.22	41.88	37.16	32.00	24.89
95.0	32.08	34.42	35.57	34.38	32.43	28.09	23.73	17.79
100.0	25.77	27.72	28.48	27.69	26.12	22.57	19.00	14.25

Intensity [cd/klm] LIICHT 482-QL17-S29 L700347 / C0 to C270 in 90 - Gamma 0 to 180

G/C [cd/klm]	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0
105.0	22.22	23.78	24.55	23.76	22.19	19.42	16.24	11.89
110.0	19.46	20.63	21.41	21.01	19.43	17.06	13.88	10.31
115.0	16.69	17.87	18.65	17.86	16.67	14.30	11.91	8.73
120.0	14.32	15.11	15.89	15.49	14.31	12.32	10.33	7.15
125.0	11.95	13.13	13.52	13.12	11.93	10.35	8.35	5.97
130.0	9.96	10.75	11.14	10.75	9.95	8.76	6.77	4.78
135.0	8.38	8.77	9.16	9.16	8.37	7.18	5.98	1.20
140.0	6.79	7.58	7.58	7.58	7.18	4.39	1.20	1.20
145.0	1.20	2.00	2.79	2.40	1.60	1.20	1.20	1.60
150.0	2.00	2.00	1.60	1.60	2.00	1.60	2.00	2.00
155.0	2.40	2.40	2.00	2.40	2.00	2.40	2.40	2.40
160.0	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
165.0	2.81	3.21	3.21	3.21	3.21	3.21	3.21	3.21
170.0	3.61	3.61	3.61	3.61	3.61	3.61	3.61	3.61
175.0	3.61	3.61	3.61	3.61	3.61	3.61	3.61	3.61
180.0	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62

G/C [cd/klm]	240.0	250.0	260.0	270.0	280.0	290.0	300.0	310.0
0.0	321.78	321.78	321.78	321.78	321.78	321.78	321.78	321.78
5.0	320.60	320.54	320.52	320.96	319.62	320.50	319.55	319.52
10.0	316.70	316.19	316.13	315.86	313.60	315.32	313.44	313.35
15.0	308.91	308.33	308.23	307.65	304.52	305.84	303.85	303.70
20.0	297.62	296.94	296.02	295.53	291.23	293.99	291.19	291.76
25.0	283.97	282.41	282.22	280.66	276.06	279.38	276.27	276.76
30.0	267.18	265.51	264.87	263.81	258.65	262.00	259.08	259.88
35.0	248.79	247.01	245.53	243.80	239.01	243.02	240.04	240.76
40.0	228.80	226.13	224.98	222.19	217.14	222.05	219.54	220.57
45.0	206.81	204.03	202.43	199.36	194.98	199.47	197.60	199.69
50.0	184.38	180.71	179.06	175.70	171.75	176.07	175.35	177.36
55.0	160.73	156.56	154.46	151.21	147.48	152.62	152.06	155.14
60.0	137.03	132.36	129.82	126.66	123.29	128.74	128.86	132.24
65.0	113.27	107.33	104.74	101.28	98.82	104.82	105.76	109.83
70.0	89.86	83.03	80.00	76.23	74.82	80.45	83.14	87.51
75.0	66.78	59.48	55.22	51.14	50.92	56.84	60.99	66.06
80.0	46.01	37.85	32.37	27.96	29.36	35.56	41.20	46.97
85.0	29.13	20.92	14.23	9.46	12.02	18.98	25.65	32.13
90.0	17.74	10.27	4.35	0.39	3.37	9.10	15.81	22.25
95.0	11.84	6.33	1.98	0.40	1.50	5.94	10.89	16.18
100.0	9.48	5.15	1.58	0.40	1.12	4.76	8.62	13.14
105.0	7.91	3.96	0.79	0.40	0.37	3.97	7.10	11.24
110.0	6.73	3.17	0.40	0.40	0.37	3.18	6.34	9.72
115.0	5.55	2.78	0.40	0.40	0.37	0.79	5.21	8.20
120.0	4.36	0.79	0.40	0.40	0.74	0.80	3.34	7.07
125.0	3.18	0.40	0.40	0.79	1.11	0.40	0.74	5.94
130.0	0.80	0.80	0.40	0.80	1.11	0.40	0.74	1.11
135.0	0.80	0.80	0.80	1.19	1.47	0.80	0.74	0.74
140.0	1.20	1.20	1.60	1.59	1.84	2.00	1.10	1.11
145.0	1.60	1.60	1.60	2.00	2.20	2.80	1.47	1.10
150.0	2.00	2.00	2.40	2.40	2.20	3.20	2.20	1.83
155.0	2.40	2.80	2.40	2.80	2.56	3.20	3.29	2.56
160.0	3.20	3.20	3.20	3.20	2.92	3.61	3.29	3.65
165.0	3.61	3.61	3.21	3.61	3.28	3.61	3.64	3.64
170.0	3.61	3.61	3.61	3.61	3.27	3.61	3.63	3.63
175.0	3.61	3.61	3.61	3.61	3.63	4.02	3.63	3.63
180.0	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62

Intensity [cd/klm] LIICHT 482-QL17-S29 L700347 / C0 to C270 in 90 - Gamma 0 to 180

G/C [cd/klm]	320.0	330.0	340.0	350.0
0.0	321.78	321.78	321.78	321.78
5.0	319.21	320.48	319.19	320.48
10.0	312.77	315.65	312.71	315.26
15.0	304.04	306.91	304.33	307.69
20.0	291.86	296.19	292.49	296.58
25.0	277.80	282.31	279.16	283.49
30.0	260.72	266.45	263.18	268.41
35.0	242.55	249.00	245.72	251.35
40.0	222.92	229.94	226.80	233.08
45.0	201.83	209.67	207.19	213.99
50.0	180.45	188.97	186.89	193.30
55.0	158.77	167.06	165.53	172.18
60.0	136.79	145.11	144.25	150.63
65.0	114.53	123.13	122.68	129.05
70.0	93.10	101.11	101.58	107.43
75.0	72.14	80.24	81.33	86.96
80.0	53.53	61.71	63.79	69.23
85.0	39.12	47.11	49.72	54.64
90.0	28.53	35.66	38.34	43.19
95.0	21.73	27.76	30.38	34.10
100.0	17.20	22.62	24.33	27.78
105.0	14.93	19.46	20.92	24.23
110.0	13.03	17.09	18.64	21.07
115.0	11.15	15.12	15.99	18.70
120.0	9.64	13.14	14.11	16.32
125.0	8.14	11.16	11.85	13.95
130.0	6.65	9.57	10.35	11.96
135.0	1.47	6.39	8.48	9.98
140.0	0.74	1.20	2.94	5.19
145.0	1.10	1.20	1.10	1.60
150.0	1.83	2.00	1.47	2.00
155.0	2.19	2.40	2.19	2.40
160.0	3.28	2.80	2.55	2.80
165.0	4.00	4.41	3.64	4.01
170.0	3.63	4.01	4.00	4.41
175.0	3.63	4.02	3.63	4.02
180.0	3.62	3.62	3.62	3.62

PHOTOMETRIC RESULTS

File Name:	LIICHT 482-QL17-S29 L700347		
Sample Number:	482-QL17-S29		
Report Number:			
Model:	L700347		
Flux:	6458 lm	Flux 2	0.00 lm
Date:	29/05/2017 10.37.19		
Manufacturer:	LIICHT		

Intensity [cd] LIICHT 482-QL17-S29 L700347 / C0 to C270 in 90 - Gamma 0 to 180

G/C [cd]	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0
0.0	2078.0	2078.0	2078.0	2078.0	2078.0	2078.0	2078.0	2078.0
5.0	2073.9	2061.6	2059.2	2064.0	2056.8	2070.1	2062.0	2072.6
10.0	2034.6	2025.2	2020.4	2022.6	2015.6	2031.9	2021.2	2036.9
15.0	1977.9	1969.1	1964.4	1963.8	1959.7	1976.1	1958.2	1978.6
20.0	1901.4	1895.7	1888.7	1887.8	1881.7	1902.5	1875.6	1902.5
25.0	1815.3	1802.7	1800.8	1799.6	1791.5	1811.2	1778.5	1803.7
30.0	1714.5	1702.6	1698.4	1691.9	1681.8	1702.0	1666.9	1697.0
35.0	1601.8	1590.5	1588.9	1577.2	1565.2	1585.1	1543.3	1569.9
40.0	1482.0	1471.4	1467.6	1453.1	1441.5	1455.3	1410.4	1437.6
45.0	1355.3	1345.4	1339.2	1322.0	1306.0	1320.1	1270.6	1294.8
50.0	1226.7	1212.5	1206.5	1188.9	1168.6	1177.1	1126.3	1146.8
55.0	1088.7	1077.6	1069.3	1049.0	1029.2	1031.3	977.7	990.8
60.0	953.7	940.8	930.2	907.2	885.4	885.2	829.6	834.5
65.0	814.4	802.0	794.0	765.9	744.6	736.3	682.0	675.3
70.0	678.1	668.7	656.0	630.1	604.3	592.1	537.3	521.0
75.0	549.6	538.3	525.7	497.2	467.0	447.7	395.6	368.9
80.0	438.8	427.8	413.0	384.4	349.6	320.8	266.5	231.7
85.0	345.4	337.2	322.5	291.3	256.8	224.3	169.3	127.4
90.0	271.9	266.4	251.7	222.9	188.6	155.6	106.2	66.3
95.0	215.6	210.3	195.6	171.7	142.4	114.9	72.3	40.9
100.0	176.5	171.3	159.1	140.0	115.6	92.0	57.7	33.2
105.0	152.0	146.8	137.1	120.4	98.6	79.3	50.4	28.1
110.0	132.4	129.7	120.1	105.8	86.4	69.2	43.1	23.1
115.0	117.7	112.7	105.5	93.6	76.7	59.0	35.9	5.1
120.0	100.7	98.1	90.9	79.0	64.6	51.3	28.7	2.6
125.0	86.1	83.6	78.8	66.9	54.9	43.7	4.8	2.6
130.0	71.6	69.1	66.7	57.2	47.6	12.9	4.8	2.6
135.0	61.9	59.5	57.1	45.2	14.3	5.1	4.8	5.1
140.0	38.0	33.2	21.4	7.1	4.7	5.2	4.7	7.7
145.0	7.1	7.1	7.1	7.1	7.1	7.7	7.1	12.9
150.0	9.5	9.5	9.5	9.5	9.5	10.3	11.8	18.1
155.0	14.2	14.2	14.2	14.2	14.2	15.5	18.9	20.7
160.0	16.5	16.5	16.5	16.5	18.8	23.3	23.5	23.3
165.0	23.5	23.5	23.5	25.9	25.8	28.5	23.5	23.3
170.0	25.8	25.8	25.8	25.8	25.8	25.9	23.4	25.9
175.0	23.4	23.4	23.4	23.4	23.4	25.9	23.4	25.9
180.0	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4

G/C [cd]	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0
0.0	2078.0	2078.0	2078.0	2078.0	2078.0	2078.0	2078.0	2078.0
5.0	2069.9	2072.6	2070.0	2070.0	2074.8	2072.2	2077.4	2077.4
10.0	2034.0	2039.5	2039.3	2039.3	2046.3	2048.6	2054.2	2054.2
15.0	1980.5	1983.6	1985.8	1988.3	1997.5	1997.2	2008.2	2010.7
20.0	1904.1	1910.1	1912.1	1912.1	1923.4	1933.0	1944.5	1947.0
25.0	1812.4	1813.7	1820.7	1820.7	1833.9	1846.0	1860.4	1868.0

Intensity [cd] LIICHT 482-QL17-S29 L700347 / C0 to C270 in 90 - Gamma 0 to 180

G/C [cd]	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0
30.0	1700.4	1702.0	1711.3	1711.3	1729.1	1741.0	1761.0	1771.1
35.0	1573.0	1575.0	1586.6	1586.6	1609.0	1625.8	1646.3	1659.0
40.0	1437.7	1435.1	1449.0	1449.0	1478.5	1497.6	1521.3	1536.5
45.0	1294.6	1287.3	1306.1	1306.1	1340.1	1356.6	1388.4	1403.6
50.0	1143.7	1136.6	1152.8	1155.3	1193.9	1215.3	1247.6	1267.9
55.0	984.8	975.6	991.6	1001.7	1039.8	1066.1	1099.0	1121.9
60.0	825.6	814.2	830.1	845.3	882.9	914.2	952.7	975.5
65.0	666.2	652.5	668.2	688.6	728.3	759.5	801.0	828.9
70.0	506.5	487.9	508.6	531.5	576.0	609.6	654.1	684.6
75.0	346.4	325.6	348.7	376.8	426.0	464.6	512.0	545.1
80.0	201.4	178.2	201.3	237.0	288.5	334.7	382.5	420.7
85.0	86.8	58.6	84.2	127.5	181.4	230.1	280.7	319.0
90.0	25.5	2.6	23.0	61.3	110.0	156.1	201.8	237.6
95.0	12.8	2.6	10.2	35.8	74.2	110.1	148.3	179.0
100.0	10.2	2.6	7.7	28.1	58.9	89.7	117.7	145.9
105.0	2.6	2.6	2.6	23.0	48.7	74.4	102.4	122.9
110.0	2.6	2.6	2.6	17.9	38.5	64.2	87.2	107.7
115.0	2.6	5.1	2.6	5.1	30.8	51.4	74.4	92.4
120.0	2.6	5.1	2.6	2.6	28.3	43.7	64.2	79.6
125.0	5.1	5.1	2.6	2.6	7.7	36.0	51.4	64.3
130.0	7.7	5.1	5.1	2.6	2.6	23.2	43.7	54.0
135.0	10.3	7.7	7.7	5.1	2.6	5.2	30.9	46.4
140.0	12.9	10.3	7.7	5.2	5.2	5.2	5.2	20.6
145.0	15.5	12.9	10.3	10.3	7.7	7.7	7.7	7.7
150.0	15.5	15.5	12.9	12.9	10.3	12.9	10.3	12.9
155.0	18.1	18.1	15.5	18.1	15.5	15.5	15.5	15.5
160.0	20.7	18.1	18.1	18.1	18.1	18.1	18.1	18.1
165.0	23.3	20.7	20.7	20.7	20.7	20.7	20.7	20.7
170.0	23.3	23.3	23.3	20.7	20.7	23.3	23.3	23.3
175.0	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
180.0	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4

G/C [cd]	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0
0.0	2078.0	2078.0	2078.0	2078.0	2078.0	2078.0	2078.0	2078.0
5.0	2079.9	2077.5	2072.7	2077.7	2077.6	2077.5	2075.1	2075.1
10.0	2056.5	2059.4	2057.2	2054.7	2057.0	2054.3	2052.0	2049.5
15.0	2018.0	2018.6	2016.6	2014.1	2016.3	2011.0	2006.3	2003.8
20.0	1956.6	1957.5	1958.3	1955.8	1957.9	1949.9	1940.3	1932.7
25.0	1877.5	1878.7	1879.8	1879.8	1879.2	1868.6	1861.6	1844.0
30.0	1783.0	1789.6	1788.5	1786.0	1785.3	1769.4	1757.5	1744.9
35.0	1675.8	1680.1	1684.4	1679.4	1676.0	1659.9	1645.7	1625.5
40.0	1558.2	1565.4	1570.0	1562.5	1558.9	1537.5	1521.0	1498.2
45.0	1427.7	1435.2	1442.8	1435.2	1428.9	1407.4	1388.4	1358.1
50.0	1291.9	1302.3	1310.2	1302.6	1293.6	1269.4	1250.5	1215.1
55.0	1150.7	1161.5	1169.7	1162.1	1152.9	1128.5	1104.8	1066.8
60.0	1009.4	1020.5	1029.0	1018.8	1009.5	982.4	956.2	918.2
65.0	862.7	874.0	882.9	872.7	865.8	833.4	807.4	766.7
70.0	718.2	732.4	741.5	731.4	719.2	689.2	660.8	617.6
75.0	581.2	593.1	605.0	594.8	582.5	547.3	516.4	470.6
80.0	456.7	471.4	483.5	473.3	458.3	425.5	389.6	338.7
85.0	352.4	369.8	379.5	371.9	356.8	321.4	285.5	234.5
90.0	270.9	285.9	293.2	285.6	270.4	240.0	206.7	160.7
95.0	207.2	222.3	229.7	222.1	209.4	181.4	153.2	114.9
100.0	166.4	179.0	184.0	178.8	168.7	145.8	122.7	92.0
105.0	143.5	153.6	158.6	153.4	143.3	125.4	104.9	76.8
110.0	125.7	133.2	138.2	135.7	125.5	110.2	89.6	66.6
115.0	107.8	115.4	120.4	115.3	107.7	92.3	76.9	56.4
120.0	92.5	97.6	102.6	100.0	92.4	79.6	66.7	46.2

Intensity [cd] LIICHT 482-QL17-S29 L700347 / C0 to C270 in 90 - Gamma 0 to 180

G/C [cd]	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0
125.0	77.1	84.8	87.3	84.7	77.1	66.8	53.9	38.5
130.0	64.3	69.4	72.0	69.4	64.3	56.6	43.7	30.9
135.0	54.1	56.6	59.2	59.2	54.0	46.3	38.6	7.7
140.0	43.8	49.0	48.9	48.9	46.4	28.3	7.7	7.7
145.0	7.7	12.9	18.0	15.5	10.3	7.7	7.7	10.3
150.0	12.9	12.9	10.3	10.3	12.9	10.3	12.9	12.9
155.0	15.5	15.5	12.9	15.5	12.9	15.5	15.5	15.5
160.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
165.0	18.1	20.7	20.7	20.7	20.7	20.7	20.7	20.7
170.0	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
175.0	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
180.0	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4

G/C [cd]	240.0	250.0	260.0	270.0	280.0	290.0	300.0	310.0
0.0	2078.0	2078.0	2078.0	2078.0	2078.0	2078.0	2078.0	2078.0
5.0	2070.4	2070.1	2069.9	2072.7	2064.1	2069.8	2063.7	2063.4
10.0	2045.2	2042.0	2041.6	2039.8	2025.2	2036.4	2024.2	2023.6
15.0	1995.0	1991.2	1990.5	1986.8	1966.6	1975.1	1962.2	1961.3
20.0	1922.0	1917.6	1911.7	1908.5	1880.7	1898.6	1880.5	1884.2
25.0	1833.9	1823.8	1822.5	1812.5	1782.8	1804.2	1784.1	1787.3
30.0	1725.4	1714.7	1710.5	1703.7	1670.4	1692.0	1673.2	1678.3
35.0	1606.7	1595.2	1585.6	1574.5	1543.5	1569.4	1550.2	1554.8
40.0	1477.6	1460.3	1452.9	1434.9	1402.3	1434.0	1417.8	1424.4
45.0	1335.6	1317.6	1307.3	1287.5	1259.1	1288.2	1276.1	1289.6
50.0	1190.7	1167.0	1156.3	1134.7	1109.2	1137.0	1132.4	1145.4
55.0	1038.0	1011.0	997.5	976.5	952.4	985.6	982.0	1001.9
60.0	884.9	854.8	838.4	818.0	796.2	831.4	832.2	854.0
65.0	731.5	693.1	676.4	654.0	638.2	676.9	683.0	709.3
70.0	580.3	536.2	516.7	492.3	483.2	519.6	536.9	565.2
75.0	431.3	384.1	356.6	330.2	328.8	367.1	393.9	426.6
80.0	297.1	244.4	209.1	180.6	189.6	229.6	266.1	303.3
85.0	188.1	135.1	91.9	61.1	77.6	122.6	165.6	207.5
90.0	114.5	66.3	28.1	2.5	21.8	58.8	102.1	143.7
95.0	76.4	40.9	12.8	2.6	9.7	38.4	70.3	104.5
100.0	61.2	33.2	10.2	2.6	7.2	30.7	55.7	84.8
105.0	51.1	25.6	5.1	2.6	2.4	25.6	45.9	72.6
110.0	43.5	20.5	2.6	2.6	2.4	20.5	41.0	62.7
115.0	35.8	17.9	2.6	2.6	2.4	5.1	33.7	53.0
120.0	28.2	5.1	2.6	2.6	4.8	5.1	21.6	45.6
125.0	20.5	2.6	2.6	5.1	7.2	2.6	4.8	38.3
130.0	5.1	5.1	2.6	5.1	7.2	2.6	4.8	7.2
135.0	5.1	5.1	5.2	7.7	9.5	5.2	4.8	4.8
140.0	7.7	7.7	10.3	10.3	11.9	12.9	7.1	7.1
145.0	10.3	10.3	10.3	12.9	14.2	18.1	9.5	7.1
150.0	12.9	12.9	15.5	15.5	14.2	20.7	14.2	11.8
155.0	15.5	18.1	15.5	18.1	16.5	20.7	21.3	16.5
160.0	20.7	20.7	20.7	20.7	18.8	23.3	21.2	23.6
165.0	23.3	23.3	20.7	23.3	21.2	23.3	23.5	23.5
170.0	23.3	23.3	23.3	23.3	21.1	23.3	23.5	23.5
175.0	23.3	23.3	23.3	23.3	23.4	25.9	23.4	23.4
180.0	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4

G/C [cd]	320.0	330.0	340.0	350.0
0.0	2078.0	2078.0	2078.0	2078.0
5.0	2061.5	2069.6	2061.3	2069.6
10.0	2019.9	2038.5	2019.5	2036.0
15.0	1963.5	1982.0	1965.3	1987.1
20.0	1884.8	1912.8	1888.9	1915.3

Intensity [cd] LIICHT 482-QL17-S29 L700347 / C0 to C270 in 90 - Gamma 0 to 180

G/C [cd]	320.0	330.0	340.0	350.0
25.0	1794.0	1823.2	1802.8	1830.8
30.0	1683.7	1720.7	1699.6	1733.4
35.0	1566.4	1608.0	1586.9	1623.2
40.0	1439.6	1484.9	1464.7	1505.2
45.0	1303.4	1354.0	1338.0	1382.0
50.0	1165.3	1220.4	1206.9	1248.3
55.0	1025.3	1078.9	1069.0	1111.9
60.0	883.4	937.1	931.6	972.8
65.0	739.6	795.2	792.3	833.4
70.0	601.3	653.0	656.0	693.8
75.0	465.9	518.2	525.2	561.6
80.0	345.7	398.5	412.0	447.1
85.0	252.7	304.3	321.1	352.8
90.0	184.3	230.3	247.6	278.9
95.0	140.3	179.3	196.2	220.2
100.0	111.1	146.1	157.1	179.4
105.0	96.4	125.7	135.1	156.5
110.0	84.2	110.4	120.4	136.1
115.0	72.0	97.6	103.3	120.8
120.0	62.3	84.9	91.1	105.4
125.0	52.6	72.1	76.5	90.1
130.0	42.9	61.8	66.8	77.3
135.0	9.5	41.2	54.8	64.4
140.0	4.8	7.7	19.0	33.5
145.0	7.1	7.7	7.1	10.3
150.0	11.8	12.9	9.5	12.9
155.0	14.2	15.5	14.2	15.5
160.0	21.2	18.1	16.5	18.1
165.0	25.9	28.5	23.5	25.9
170.0	23.5	25.9	25.8	28.5
175.0	23.4	25.9	23.4	25.9
180.0	23.4	23.4	23.4	23.4

PHOTOMETRIC RESULTS

File Name:	LIICHT 482-QL17-S29 L700347		
Sample Number:	482-QL17-S29		
Report Number:			
Model:	L700347		
Flux:	6458 lm	Flux 2	0.00 lm
Date:	29/05/2017 10.37.19		
Manufacturer:	LIICHT		

Electrical protocol LIICHT 482-QL17-S29 L700347 / C0 to C270 in 90 - Gamma 0 to 180

[deg]	U [V]	I [A]	P [W]	PF
0.0	230.09	0.254	56.7	0.9677
10.0	230.09	0.254	56.6	0.9677
20.0	230.09	0.254	56.6	0.9677
30.0	230.08	0.254	56.6	0.9677
40.0	230.09	0.254	56.6	0.9677
50.0	230.08	0.254	56.6	0.9677
60.0	230.09	0.254	56.6	0.9677
70.0	230.09	0.254	56.6	0.9677
80.0	230.08	0.254	56.6	0.9678
90.0	230.08	0.254	56.6	0.9678
100.0	230.09	0.254	56.6	0.9677
110.0	230.09	0.254	56.6	0.9677
120.0	230.09	0.254	56.6	0.9678
130.0	230.09	0.254	56.6	0.9678
140.0	230.09	0.254	56.5	0.9678
150.0	230.09	0.254	56.5	0.9678
160.0	230.09	0.254	56.5	0.9678
170.0	230.09	0.254	56.5	0.9678
180.0	230.09	0.254	56.5	0.9678
190.0	230.09	0.254	56.5	0.9678
200.0	230.09	0.254	56.5	0.9678
210.0	230.09	0.254	56.5	0.9678
220.0	230.09	0.254	56.5	0.9679
230.0	230.09	0.254	56.5	0.9679
240.0	230.09	0.254	56.5	0.9679
250.0	230.09	0.254	56.5	0.9679
260.0	230.09	0.254	56.5	0.9677
270.0	230.09	0.254	56.5	0.9678
280.0	230.10	0.254	56.5	0.9678
290.0	230.09	0.254	56.5	0.9678
300.0	230.10	0.254	56.5	0.9678
310.0	230.10	0.254	56.5	0.9678
320.0	230.10	0.254	56.5	0.9677
330.0	230.10	0.254	56.5	0.9678
340.0	230.10	0.254	56.5	0.9678
350.0	230.10	0.254	56.5	0.9678