

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: CORELITE

Report Number: P395451

Luminaire Tested: **I3-CL-60L92765-1D-UNV-W2A-W-4 (2700K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395451
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-656-3)
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: I3-CL-60L92765-1D-UNV-W2A-W-4 (2700K)
Description: CORELITE I3, CLEAR TOP COVER
6000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 2700K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4360.2 lumens
Efficiency: N/A
Efficacy: 99.1 lumens/watt
Spacing Criteria (0/90/45): 1.32 / 1.52 / 1.54
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')
CIE Type: Semi-Indirect

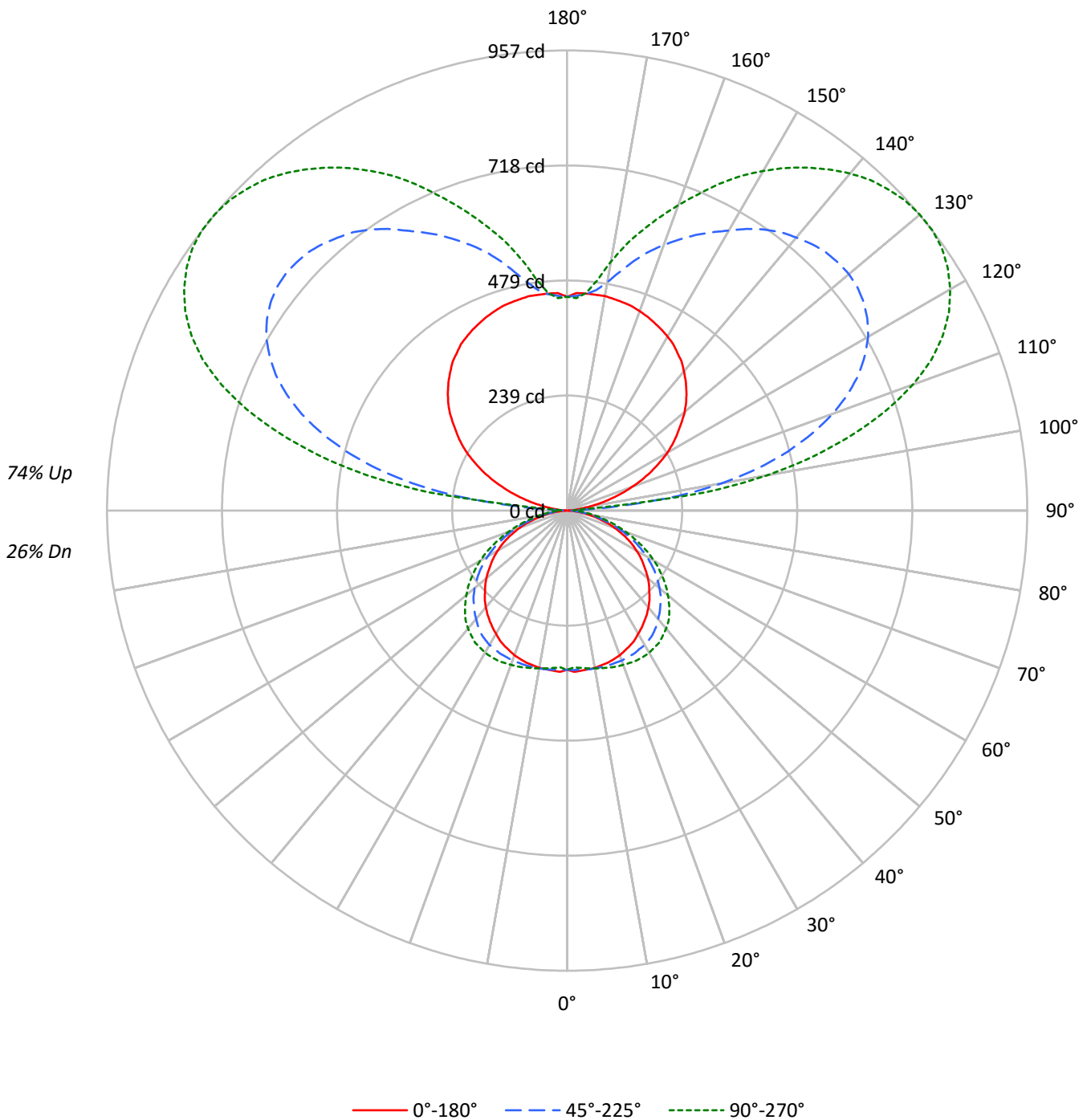
Input Watts (W): 44
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395451

CATALOG NUMBER: I3-CL-60L92765-1D-UNV-W2A-W-4 (2700K)

Luminous Intensity Polar Plot





TEST NUMBER: P395451

CATALOG NUMBER: I3-CL-60L92765-1D-UNV-W2A-W-4 (2700K)

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	101	101	101	101	91	91	91	91	70	70	70	51	51	51	34	34	34	26
1	92	88	84	81	82	79	75	73	61	59	57	45	43	42	30	29	28	22
2	84	77	71	65	74	68	63	59	53	50	47	39	37	35	26	25	24	18
3	76	67	60	54	68	60	54	49	47	42	39	34	32	29	23	21	20	15
4	70	59	51	45	62	53	46	41	41	37	33	30	27	25	20	18	17	13
5	64	52	44	39	56	47	40	35	37	32	28	27	24	21	18	16	15	11
6	58	47	39	33	52	42	35	30	33	28	24	24	21	18	16	14	13	9
7	54	42	34	29	48	38	31	26	30	25	21	22	19	16	15	13	11	8
8	50	38	30	25	44	34	27	23	27	22	18	20	17	14	14	11	10	7
9	46	34	27	22	41	31	25	20	24	20	16	18	15	13	12	10	9	6
10	43	31	24	20	38	28	22	18	22	18	15	17	13	11	11	9	8	6

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1819	1819	1819
5°	1838	1790	1761
10°	1839	1776	1756
15°	1842	1770	1765
20°	1845	1771	1781
25°	1842	1773	1805
30°	1832	1776	1817
35°	1827	1766	1819
40°	1821	1728	1796
45°	1802	1686	1751
50°	1786	1631	1673
55°	1749	1548	1577
60°	1706	1439	1455
65°	1636	1292	1290
70°	1519	1101	1092
75°	1312	875	877
80°	1017	622	643
85°	598	384	431



TEST NUMBER: P395451

CATALOG NUMBER: I3-CL-60L92765-1D-UNV-W2A-W-4 (2700K)

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.7	0.7
10°-20°	94.1	2.2
20°-30°	150.8	3.5
30°-40°	192.9	4.4
40°-50°	210.3	4.8
50°-60°	197.0	4.5
60°-70°	152.9	3.5
70°-80°	87.6	2.0
80°-90°	28.0	0.6
90°-100°	112.5	2.6
100°-110°	437.2	10.0
110°-120°	595.2	13.6
120°-130°	617.8	14.2
130°-140°	548.0	12.6
140°-150°	425.2	9.8
150°-160°	283.8	6.5
160°-170°	151.2	3.5
170°-180°	44.3	1.0
0°-30°	276.5	6.3
0°-40°	469.4	10.8
0°-60°	876.7	20.1
0°-90°	1145.2	26.3
90°-120°	1144.8	26.3
90°-150°	2735.8	62.7
90°-180°	3215.0	73.7
0°-180°	4360.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	331	331	331	331	331	
5°	334	331	332	331	328	32
15°	327	326	333	338	338	92
25°	310	312	328	340	344	143
35°	280	286	312	328	334	176
45°	242	252	275	292	300	187
55°	194	204	223	238	243	173
65°	137	143	156	167	170	135
75°	72	75	82	90	93	76
85°	14	16	25	32	33	17
90°	1	4	8	12	14	2
95°	14	80	109	22	21	19
105°	93	280	475	564	618	99
115°	194	433	669	786	862	191
125°	280	510	753	885	952	251
135°	351	537	760	892	944	270
145°	400	537	713	828	871	251
155°	431	508	632	717	750	199
165°	448	467	537	588	603	127
175°	453	450	452	454	454	43
180°	445	445	445	445	445	



TEST NUMBER: P395451

CATALOG NUMBER: I3-CL-60L92765-1D-UNV-W2A-W-4 (2700K)

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	330.9	330.9	330.9	330.9	330.9	330.9	330.9	330.9	330.9	330.9	330.9
2.5°	335.6	334.4	334.4	332.0	332.0	330.9	330.9	330.9	330.9	330.9	332.0
5°	334.4	334.4	333.2	332.0	332.0	330.9	330.9	330.9	330.9	330.9	332.0
7.5°	333.2	333.2	332.0	330.9	330.9	330.9	330.9	330.9	330.9	330.9	333.2
10°	332.0	332.0	330.9	329.7	329.7	329.7	329.7	330.9	330.9	330.9	333.2
12.5°	329.7	328.5	328.5	327.4	327.4	327.4	328.5	328.5	329.7	330.9	333.2
15°	327.4	327.4	326.2	325.0	326.2	326.2	326.2	327.4	328.5	329.7	333.2
17.5°	323.8	323.8	322.7	322.7	322.7	323.8	323.8	325.0	327.4	329.7	332.0
20°	320.3	319.1	319.1	319.1	320.3	320.3	321.5	323.8	325.0	328.5	332.0
22.5°	314.4	315.6	314.4	314.4	315.6	316.8	318.0	320.3	322.7	326.2	329.7
25°	309.8	309.8	309.8	309.8	312.1	312.1	314.4	316.8	320.3	323.8	328.5
27.5°	303.9	303.9	303.9	305.1	306.2	307.4	308.6	312.1	315.6	320.3	325.0
30°	295.7	295.7	295.7	295.7	299.2	300.4	302.7	307.4	310.9	316.8	322.7
32.5°	288.6	288.6	288.6	289.8	292.2	293.3	295.7	301.5	306.2	312.1	318.0
35°	280.4	280.4	281.6	281.6	285.1	286.3	288.6	293.3	298.0	305.1	312.1
37.5°	272.2	272.2	273.4	274.6	276.9	279.2	281.6	286.3	291.0	296.8	303.9
40°	262.8	262.8	264.0	265.2	268.7	271.0	273.4	278.1	282.8	288.6	294.5
42.5°	253.4	253.4	254.6	255.8	259.3	261.6	264.0	269.9	274.6	280.4	285.1
45°	241.7	242.9	244.0	246.4	249.9	252.3	254.6	259.3	265.2	269.9	274.6
47.5°	231.1	232.3	233.5	235.8	239.4	241.7	244.0	248.7	253.4	258.1	264.0
50°	219.4	220.6	221.8	224.1	227.6	230.0	232.3	237.0	241.7	245.2	251.1
52.5°	206.5	207.7	208.8	211.2	215.9	217.1	219.4	224.1	227.6	232.3	237.0
55°	193.6	194.8	195.9	198.3	201.8	204.2	205.3	210.0	213.5	218.2	222.9
57.5°	180.7	181.9	183.0	185.4	187.7	190.1	191.2	194.8	199.5	203.0	207.7
60°	166.6	167.8	169.0	170.1	173.6	174.8	176.0	179.5	183.0	187.7	191.2
62.5°	152.5	152.5	153.7	154.9	158.4	159.6	160.7	163.1	167.8	170.1	173.6
65°	137.3	137.3	138.4	139.6	142.0	143.1	144.3	146.7	150.2	152.5	156.0
67.5°	120.9	120.9	122.0	123.2	125.5	126.7	126.7	130.2	132.6	134.9	137.3
70°	105.6	105.6	106.8	106.8	107.9	109.1	110.3	112.6	113.8	117.3	118.5
72.5°	89.2	89.2	89.2	89.2	91.5	91.5	92.7	95.0	96.2	98.6	100.9
75°	71.6	71.6	72.7	72.7	73.9	75.1	76.3	77.4	79.8	81.0	82.1
77.5°	56.3	55.1	56.3	57.5	58.7	58.7	59.8	61.0	62.2	64.5	65.7
80°	39.9	39.9	39.9	41.1	42.2	42.2	43.4	44.6	45.8	48.1	49.3
82.5°	25.8	25.8	27.0	27.0	28.2	29.3	29.3	30.5	31.7	34.0	35.2
85°	14.1	14.1	14.1	15.3	16.4	16.4	17.6	18.8	21.1	22.3	24.6
87.5°	4.7	4.7	5.9	7.0	8.2	8.2	9.4	10.6	11.7	14.1	15.3
90°	1.2	1.2	1.2	2.3	2.3	3.5	3.5	4.7	5.9	7.0	8.2
92.5°	4.7	8.2	12.9	18.8	17.6	18.8	12.9	8.2	8.2	8.2	9.4
95°	14.1	21.1	34.0	54.0	70.4	79.8	88.0	96.2	112.6	113.8	109.1
97.5°	28.2	38.7	62.2	88.0	117.3	132.6	144.3	169.0	194.8	211.2	231.1
100°	46.9	62.2	92.7	127.9	161.9	181.9	200.6	235.8	267.5	295.7	326.2
102.5°	69.2	86.8	124.4	167.8	210.0	232.3	252.3	293.3	336.7	374.3	407.1
105°	92.7	112.6	157.2	206.5	254.6	280.4	305.1	349.6	395.4	436.5	475.2
107.5°	118.5	139.6	187.7	242.9	296.8	326.2	353.2	401.3	449.4	494.0	535.0
110°	143.1	166.6	217.1	276.9	337.9	367.2	394.2	447.0	497.5	544.4	587.8



TEST NUMBER: P395451

CATALOG NUMBER: I3-CL-60L92765-1D-UNV-W2A-W-4 (2700K)

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	169.0	193.6	244.0	309.8	371.9	402.4	430.6	486.9	539.7	587.8	631.2
115°	193.6	217.1	269.9	337.9	401.3	432.9	463.5	520.9	576.1	624.2	668.8
117.5°	217.1	239.4	293.3	361.4	427.1	458.8	489.3	549.1	604.3	654.7	698.1
120°	240.5	260.5	319.1	381.3	448.2	479.9	511.6	571.4	627.7	678.2	722.8
122.5°	261.6	280.4	337.9	398.9	464.6	497.5	528.0	589.0	646.5	696.9	740.4
125°	280.4	298.0	355.5	413.0	478.7	510.4	542.1	601.9	659.4	708.7	753.3
127.5°	299.2	316.8	368.4	427.1	488.1	520.9	551.5	611.3	667.6	718.1	761.5
130°	319.1	332.0	381.3	440.0	497.5	528.0	559.7	617.2	672.3	721.6	765.0
132.5°	335.6	347.3	394.2	450.5	504.5	533.9	562.0	619.5	674.6	721.6	763.8
135°	350.8	360.2	403.6	459.9	510.4	537.4	564.4	618.3	672.3	719.2	760.3
137.5°	364.9	374.3	411.8	467.0	515.1	538.5	564.4	614.8	666.4	713.4	752.1
140°	377.8	384.8	418.9	470.5	517.4	539.7	562.0	608.9	657.1	702.8	741.5
142.5°	390.7	396.6	424.7	472.8	518.6	539.7	560.8	601.9	646.5	691.1	729.8
145°	400.1	406.0	429.4	474.0	517.4	537.4	556.1	594.9	634.8	675.8	713.4
147.5°	410.7	415.3	434.1	471.7	513.9	532.7	550.3	585.5	621.9	659.4	694.6
150°	417.7	422.4	436.5	469.3	508.0	525.6	543.2	576.1	608.9	641.8	672.3
152.5°	424.7	428.3	440.0	465.8	501.0	517.4	533.9	565.5	596.0	625.4	652.4
155°	430.6	434.1	442.3	463.5	492.8	508.0	523.3	553.8	582.0	607.8	632.4
157.5°	436.5	438.8	444.7	459.9	483.4	497.5	511.6	538.5	564.4	590.2	610.1
160°	441.2	442.3	447.0	458.8	475.2	485.7	498.7	523.3	546.8	569.1	587.8
162.5°	445.9	445.9	449.4	456.4	468.1	475.2	484.6	505.7	526.8	546.8	564.4
165°	448.2	448.2	450.5	455.2	462.3	467.0	472.8	486.9	503.3	520.9	537.4
167.5°	450.5	450.5	451.7	454.1	458.8	461.1	463.5	472.8	483.4	496.3	509.2
170°	452.9	451.7	451.7	454.1	455.2	456.4	457.6	462.3	467.0	475.2	482.2
172.5°	452.9	451.7	451.7	452.9	452.9	452.9	452.9	454.1	455.2	459.9	462.3
175°	452.9	451.7	451.7	451.7	451.7	450.5	450.5	450.5	450.5	450.5	451.7
177.5°	452.9	451.7	450.5	450.5	449.4	449.4	448.2	448.2	447.0	447.0	447.0
180°	444.7	444.7	444.7	444.7	444.7	444.7	444.7	444.7	444.7	444.7	444.7



TEST NUMBER: P395451

CATALOG NUMBER: I3-CL-60L92765-1D-UNV-W2A-W-4 (2700K)

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	330.9	330.9	330.9	330.9	330.9	330.9	330.9	330.9	330.9	330.9
2.5°	332.0	332.0	330.9	330.9	329.7	329.7	328.5	327.4	326.2	326.2
5°	333.2	332.0	330.9	330.9	330.9	329.7	329.7	329.7	328.5	328.5
7.5°	333.2	333.2	333.2	332.0	332.0	332.0	332.0	332.0	330.9	330.9
10°	334.4	334.4	334.4	334.4	334.4	334.4	334.4	333.2	333.2	333.2
12.5°	334.4	334.4	334.4	335.6	335.6	335.6	335.6	335.6	335.6	335.6
15°	335.6	335.6	336.7	336.7	337.9	337.9	339.1	339.1	339.1	337.9
17.5°	334.4	335.6	336.7	337.9	339.1	339.1	340.3	340.3	340.3	340.3
20°	334.4	336.7	337.9	339.1	340.3	340.3	341.4	342.6	342.6	341.4
22.5°	333.2	335.6	336.7	339.1	340.3	340.3	342.6	342.6	342.6	342.6
25°	332.0	334.4	336.7	339.1	340.3	340.3	342.6	342.6	343.8	343.8
27.5°	329.7	332.0	335.6	337.9	339.1	340.3	341.4	342.6	342.6	342.6
30°	326.2	329.7	333.2	335.6	336.7	337.9	339.1	340.3	341.4	341.4
32.5°	321.5	325.0	328.5	332.0	333.2	334.4	336.7	337.9	337.9	337.9
35°	316.8	320.3	323.8	327.4	328.5	329.7	332.0	333.2	334.4	334.4
37.5°	309.8	313.3	316.8	320.3	321.5	323.8	326.2	327.4	327.4	327.4
40°	299.2	305.1	309.8	313.3	314.4	316.8	318.0	320.3	320.3	320.3
42.5°	289.8	294.5	298.0	302.7	303.9	307.4	309.8	310.9	312.1	312.1
45°	279.2	283.9	287.5	291.0	292.2	294.5	296.8	298.0	299.2	300.4
47.5°	268.7	272.2	275.7	279.2	280.4	282.8	285.1	286.3	287.5	287.5
50°	255.8	259.3	262.8	266.3	267.5	269.9	271.0	272.2	273.4	273.4
52.5°	241.7	245.2	248.7	252.3	253.4	254.6	257.0	258.1	259.3	259.3
55°	227.6	231.1	233.5	237.0	238.2	239.4	240.5	242.9	244.0	242.9
57.5°	211.2	214.7	217.1	220.6	221.8	222.9	224.1	225.3	226.4	226.4
60°	193.6	197.1	200.6	203.0	204.2	205.3	206.5	207.7	208.8	208.8
62.5°	176.0	179.5	181.9	185.4	186.6	186.6	187.7	188.9	190.1	190.1
65°	158.4	161.9	163.1	166.6	166.6	167.8	169.0	170.1	170.1	170.1
67.5°	139.6	143.1	144.3	146.7	146.7	147.8	149.0	150.2	150.2	150.2
70°	122.0	123.2	125.5	126.7	127.9	127.9	129.1	130.2	131.4	130.2
72.5°	103.3	104.4	106.8	107.9	107.9	109.1	109.1	110.3	111.5	111.5
75°	84.5	86.8	88.0	89.2	90.3	90.3	91.5	92.7	92.7	92.7
77.5°	66.9	69.2	70.4	71.6	72.7	72.7	73.9	73.9	75.1	73.9
80°	51.6	52.8	54.0	55.1	56.3	56.3	57.5	58.7	58.7	58.7
82.5°	37.5	38.7	41.1	42.2	42.2	42.2	44.6	44.6	45.8	44.6
85°	25.8	27.0	29.3	30.5	31.7	31.7	31.7	32.9	34.0	32.9
87.5°	16.4	18.8	19.9	21.1	21.1	21.1	22.3	23.5	23.5	23.5
90°	9.4	9.4	10.6	11.7	11.7	12.9	12.9	14.1	14.1	14.1
92.5°	9.4	10.6	10.6	10.6	11.7	11.7	11.7	12.9	12.9	12.9
95°	79.8	57.5	32.9	25.8	22.3	22.3	21.1	22.3	21.1	21.1
97.5°	241.7	261.6	271.0	283.9	291.0	289.8	285.1	289.8	286.3	289.8
100°	343.8	362.6	376.6	380.2	387.2	390.7	403.6	413.0	417.7	423.6
102.5°	427.1	449.4	465.8	475.2	482.2	486.9	502.2	516.3	523.3	528.0
105°	503.3	526.8	546.8	556.1	564.4	569.1	585.5	601.9	612.5	618.3
107.5°	564.4	591.3	612.5	626.5	634.8	643.0	662.9	679.3	692.2	698.1
110°	619.5	646.5	668.8	685.2	694.6	702.8	725.1	743.9	758.0	765.0



TEST NUMBER: P395451

CATALOG NUMBER: I3-CL-60L92765-1D-UNV-W2A-W-4 (2700K)

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	665.3	694.6	716.9	734.5	743.9	755.6	776.7	797.8	811.9	820.1
115°	702.8	733.3	756.8	775.6	786.1	796.7	821.3	842.4	856.5	862.4
117.5°	734.5	765.0	789.6	808.4	820.1	831.9	856.5	875.3	890.5	895.2
120°	760.3	790.8	815.4	836.6	848.3	858.9	882.3	902.3	916.4	919.9
122.5°	777.9	809.6	835.4	858.9	869.4	880.0	902.3	922.2	935.1	938.6
125°	790.8	823.7	849.5	874.1	884.7	895.2	916.4	936.3	946.9	951.5
127.5°	799.0	831.9	860.0	883.5	895.2	904.6	925.7	943.3	953.9	957.4
130°	801.4	835.4	863.6	888.2	898.8	908.1	928.1	945.7	955.1	957.4
132.5°	801.4	834.2	863.6	887.0	897.6	907.0	925.7	942.2	951.5	953.9
135°	796.7	828.4	857.7	881.2	891.7	901.1	919.9	933.9	943.3	944.5
137.5°	788.5	819.0	847.1	870.6	881.2	890.5	907.0	922.2	930.4	932.8
140°	777.9	806.1	834.2	856.5	867.1	875.3	891.7	904.6	912.8	915.2
142.5°	763.8	792.0	817.8	840.1	848.3	857.7	871.8	884.7	891.7	894.1
145°	748.6	775.6	799.0	819.0	828.4	836.6	849.5	861.2	868.2	870.6
147.5°	728.6	755.6	777.9	796.7	804.9	813.1	824.8	835.4	842.4	844.8
150°	704.0	728.6	752.1	769.7	777.9	786.1	797.8	807.2	814.3	815.4
152.5°	679.3	702.8	722.8	740.4	748.6	756.8	767.3	776.7	784.9	784.9
155°	655.9	675.8	694.6	709.8	716.9	723.9	734.5	742.7	749.7	749.7
157.5°	631.2	650.0	665.3	679.3	685.2	691.1	700.5	707.5	713.4	712.2
160°	607.8	621.9	635.9	647.7	653.5	658.2	665.3	671.1	677.0	675.8
162.5°	582.0	594.9	606.6	614.8	619.5	623.0	630.1	635.9	639.5	639.5
165°	552.6	564.4	574.9	583.1	587.8	590.2	596.0	599.6	603.1	603.1
167.5°	522.1	531.5	540.9	547.9	552.6	555.0	560.8	563.2	567.9	566.7
170°	491.6	498.7	505.7	511.6	513.9	516.3	520.9	523.3	525.6	525.6
172.5°	467.0	469.3	472.8	477.5	477.5	478.7	481.1	482.2	483.4	483.4
175°	452.9	454.1	454.1	454.1	454.1	454.1	455.2	454.1	455.2	454.1
177.5°	447.0	447.0	445.9	445.9	444.7	445.9	444.7	443.5	443.5	442.3
180°	444.7	444.7	444.7	444.7	444.7	444.7	444.7	444.7	444.7	444.7

(END OF REPORT)