

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: P395770

Luminaire Tested: **I3-UL-60L92765-1D-UNV-W2A-W-4 (6500K)**

Issue Date: 5/6/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P395770  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-656-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: I3-UL-60L92765-1D-UNV-W2A-W-4 (6500K)  
Description: CORELITE I3, OPEN TOP  
6000 LUMENS, VIVIDTUNE TUNABLE WHITE  
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 6500K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5762.9 lumens  
Efficiency: N/A  
Efficacy: 124.7 lumens/watt  
Spacing Criteria (0/90/45): 1.33 / 1.54 / 1.55  
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')  
CIE Type: Semi-Indirect

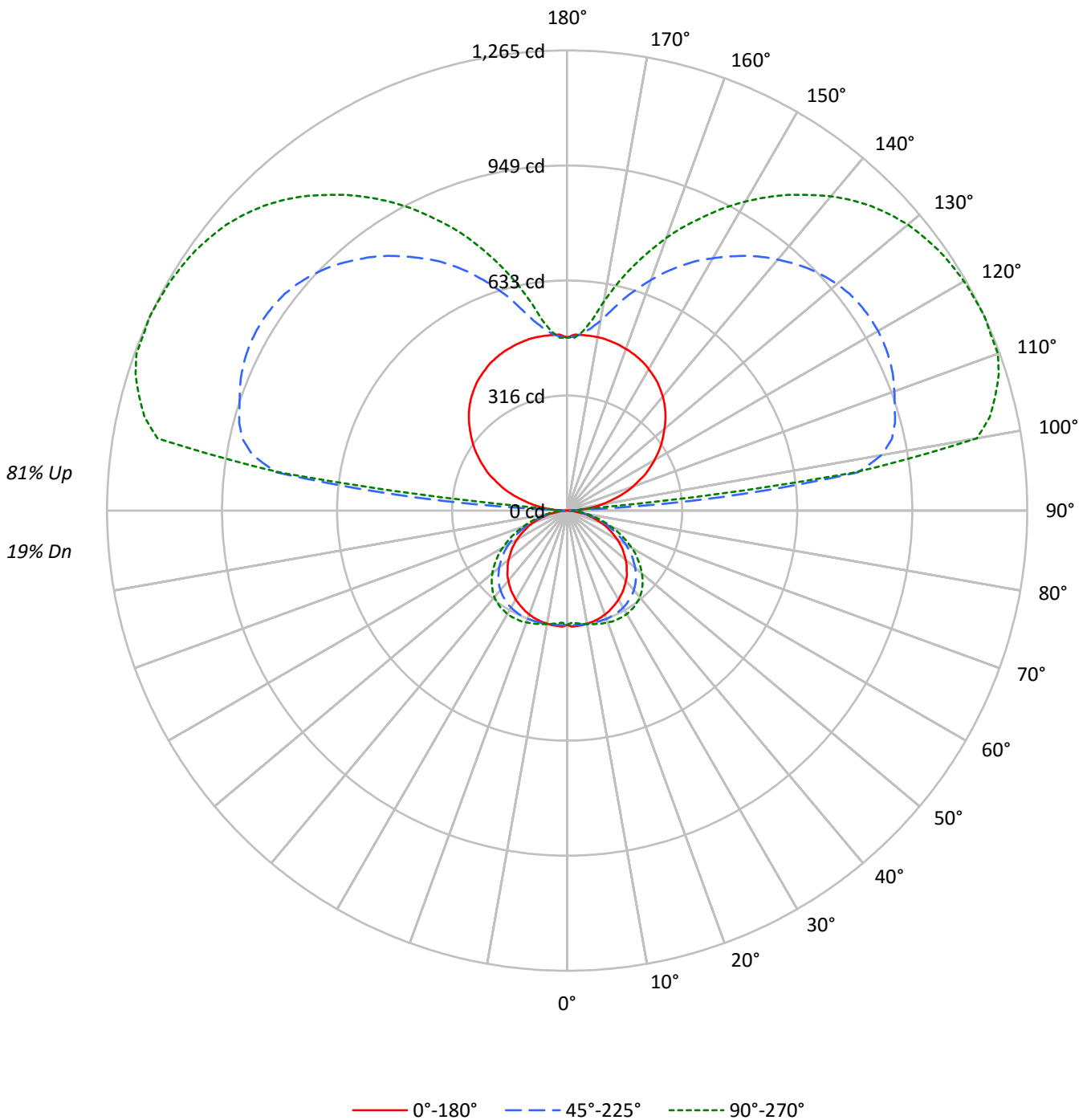
Input Watts (W): 46.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P395770

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (6500K)

### Luminous Intensity Polar Plot





TEST NUMBER: P395770

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**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	50	30	10	0	
RCR																						
0	100	100	100	100	88	88	88	88	66	66	66	46	46	46	28	28	28	19				
1	91	87	83	79	80	76	73	71	58	56	54	40	39	38	24	24	23	16				
2	82	75	69	64	72	67	62	58	50	47	44	35	33	31	21	20	19	13				
3	75	66	59	53	66	58	52	48	44	40	37	31	28	26	19	17	16	11				
4	68	58	51	45	60	51	45	40	39	35	31	27	24	22	16	15	14	9				
5	63	51	44	38	55	46	39	34	35	30	26	24	21	19	15	13	12	8				
6	57	46	38	33	50	41	34	29	31	26	23	22	19	16	13	12	10	7				
7	53	41	34	28	46	37	30	25	28	23	20	20	17	14	12	10	9	6				
8	49	37	30	25	43	33	27	22	25	21	17	18	15	13	11	9	8	5				
9	45	34	26	22	40	30	24	20	23	18	15	16	13	11	10	8	7	5				
10	42	31	24	19	37	27	21	17	21	17	14	15	12	10	9	8	6	4				

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	1725	1725	1725
5°	1749	1700	1667
10°	1747	1688	1669
15°	1750	1682	1684
20°	1750	1689	1704
25°	1748	1694	1729
30°	1751	1696	1746
35°	1749	1688	1754
40°	1742	1675	1744
45°	1726	1640	1706
50°	1711	1586	1643
55°	1681	1509	1549
60°	1629	1401	1425
65°	1558	1247	1271
70°	1472	1082	1072
75°	1276	848	860
80°	1015	610	622
85°	602	355	409



TEST NUMBER: P395770

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (6500K)

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	30.0	0.5
10°-20°	89.5	1.6
20°-30°	144.1	2.5
30°-40°	185.4	3.2
40°-50°	203.6	3.5
50°-60°	191.4	3.3
60°-70°	148.7	2.6
70°-80°	85.3	1.5
80°-90°	27.3	0.5
90°-100°	368.4	6.4
100°-110°	875.4	15.2
110°-120°	879.4	15.3
120°-130°	806.5	14.0
130°-140°	674.4	11.7
140°-150°	506.2	8.8
150°-160°	329.5	5.7
160°-170°	169.7	2.9
170°-180°	48.0	0.8
0°-30°	263.7	4.6
0°-40°	449.1	7.8
0°-60°	844.1	14.6
0°-90°	1105.5	19.2
90°-120°	2123.3	36.8
90°-150°	4110.2	71.3
90°-180°	4657.0	80.8
0°-180°	5762.9	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	314	314	314	314	314	
5°	318	315	315	314	311	30
15°	311	310	317	321	322	88
25°	294	297	314	325	330	136
35°	268	276	298	317	322	168
45°	232	243	267	287	293	179
55°	186	196	217	233	239	166
65°	131	138	150	163	168	129
75°	70	72	80	88	91	74
85°	14	17	23	30	31	17
90°	1	4	8	13	14	4
95°	50	412	423	57	48	49
105°	143	552	933	1150	1219	152
115°	237	622	979	1190	1265	233
125°	315	649	984	1179	1247	281
135°	382	646	940	1118	1183	294
145°	432	619	855	1004	1060	270
155°	463	568	743	851	892	214
165°	480	513	602	668	693	136
175°	484	483	489	494	494	46
180°	476	476	476	476	476	



TEST NUMBER: P395770

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (6500K)

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	313.9	313.9	313.9	313.9	313.9	313.9	313.9	313.9	313.9	313.9	313.9
2.5°	319.6	318.1	316.7	316.7	315.3	315.3	315.3	313.9	313.9	313.9	315.3
5°	318.1	318.1	316.7	315.3	315.3	315.3	313.9	313.9	313.9	313.9	315.3
7.5°	318.1	316.7	315.3	315.3	313.9	313.9	313.9	313.9	313.9	313.9	315.3
10°	315.3	315.3	313.9	313.9	312.5	313.9	313.9	313.9	313.9	313.9	316.7
12.5°	313.9	313.9	312.5	311.0	311.0	311.0	312.5	312.5	312.5	313.9	316.7
15°	311.0	311.0	309.6	309.6	309.6	309.6	311.0	311.0	312.5	313.9	316.7
17.5°	308.2	308.2	306.8	306.8	306.8	308.2	308.2	309.6	311.0	313.9	316.7
20°	303.9	303.9	303.9	303.9	303.9	305.4	305.4	306.8	309.6	312.5	316.7
22.5°	299.7	299.7	299.7	299.7	299.7	301.1	302.5	305.4	306.8	311.0	315.3
25°	294.0	294.0	294.0	294.0	295.4	296.8	298.3	301.1	303.9	308.2	313.9
27.5°	288.3	289.7	289.7	289.7	291.2	292.6	294.0	296.8	301.1	306.8	311.0
30°	282.6	282.6	282.6	284.1	285.5	286.9	289.7	292.6	296.8	302.5	308.2
32.5°	275.5	275.5	277.0	277.0	279.8	281.2	284.1	288.3	292.6	298.3	303.9
35°	268.4	268.4	268.4	271.3	272.7	275.5	277.0	281.2	286.9	292.6	298.3
37.5°	259.9	261.3	261.3	262.7	265.6	268.4	269.8	275.5	281.2	286.9	292.6
40°	251.4	252.8	252.8	254.2	258.5	259.9	262.7	268.4	272.7	279.8	285.5
42.5°	242.9	242.9	244.3	245.7	250.0	251.4	254.2	259.9	265.6	271.3	277.0
45°	231.5	232.9	234.3	235.8	240.0	242.9	245.7	250.0	255.6	261.3	267.0
47.5°	221.6	221.6	223.0	225.8	230.1	232.9	234.3	240.0	244.3	250.0	255.6
50°	210.2	211.6	211.6	214.5	218.7	221.6	223.0	228.7	232.9	238.6	244.3
52.5°	197.4	198.8	200.3	203.1	207.4	210.2	211.6	215.9	220.1	225.8	230.1
55°	186.1	187.5	187.5	190.3	194.6	196.0	198.8	201.7	207.4	211.6	217.3
57.5°	173.3	174.7	174.7	177.5	180.4	183.2	184.6	188.9	193.2	197.4	201.7
60°	159.1	160.5	161.9	163.3	166.2	169.0	170.4	173.3	177.5	181.8	186.1
62.5°	144.9	146.3	147.7	149.1	152.0	153.4	154.8	159.1	161.9	166.2	169.0
65°	130.7	132.1	133.5	134.9	136.3	137.8	139.2	142.0	144.9	149.1	150.5
67.5°	116.5	117.9	117.9	119.3	120.7	122.1	123.6	126.4	127.8	132.1	133.5
70°	102.3	102.3	102.3	103.7	103.7	105.1	106.5	109.4	110.8	113.6	116.5
72.5°	85.2	86.6	86.6	86.6	88.1	89.5	90.9	92.3	93.7	95.2	98.0
75°	69.6	71.0	69.6	71.0	72.4	72.4	73.9	75.3	76.7	78.1	79.5
77.5°	55.4	54.0	55.4	55.4	56.8	56.8	56.8	58.2	61.1	61.1	63.9
80°	39.8	39.8	39.8	39.8	41.2	41.2	42.6	42.6	45.4	46.9	48.3
82.5°	25.6	25.6	27.0	27.0	27.0	28.4	28.4	29.8	31.2	32.7	34.1
85°	14.2	14.2	14.2	15.6	15.6	17.0	17.0	18.5	19.9	21.3	22.7
87.5°	4.3	5.7	7.1	7.1	8.5	8.5	9.9	9.9	12.8	14.2	15.6
90°	1.4	1.4	2.8	2.8	2.8	4.3	4.3	5.7	5.7	7.1	8.5
92.5°	24.1	56.8	117.9	176.1	152.0	142.0	85.2	25.6	22.7	24.1	24.1
95°	49.7	93.7	171.9	278.4	360.7	411.9	446.0	511.3	578.0	566.7	423.2
97.5°	72.4	120.7	207.4	305.4	419.0	477.2	521.2	599.3	684.6	755.6	806.7
100°	95.2	144.9	237.2	339.4	444.5	497.1	548.2	654.7	738.5	809.5	877.7
102.5°	119.3	169.0	264.2	370.7	474.4	525.5	575.2	668.9	762.7	847.9	914.6
105°	143.4	194.6	288.3	397.7	501.4	552.5	600.8	690.2	776.9	856.4	933.1
107.5°	169.0	217.3	309.6	419.0	522.7	573.8	622.1	711.5	795.3	874.9	944.5
110°	191.7	238.6	330.9	438.9	542.5	593.7	642.0	731.4	813.8	889.1	957.3



TEST NUMBER: P395770

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (6500K)

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	213.0	258.5	350.8	455.9	558.2	609.3	656.2	745.6	828.0	901.9	970.0
115°	237.2	277.0	370.7	471.5	572.4	622.1	668.9	757.0	839.4	911.8	978.6
117.5°	257.1	295.4	387.7	484.3	583.7	632.0	677.5	765.5	846.5	918.9	984.2
120°	277.0	312.5	403.4	495.7	592.2	639.1	684.6	771.2	852.2	923.2	987.1
122.5°	296.8	329.5	416.1	507.0	599.3	646.2	690.2	775.5	855.0	924.6	987.1
125°	315.3	343.7	427.5	515.6	603.6	649.1	691.7	775.5	853.6	921.7	984.2
127.5°	332.3	359.3	436.0	524.1	606.4	650.5	691.7	772.6	850.7	917.5	978.6
130°	349.4	373.5	444.5	528.3	609.3	649.1	688.8	766.9	843.6	910.4	968.6
132.5°	366.4	389.2	451.6	532.6	610.7	649.1	686.0	761.3	835.1	900.4	955.8
135°	382.0	400.5	458.7	535.4	609.3	646.2	680.3	751.3	822.3	886.2	940.2
137.5°	396.3	411.9	464.4	536.9	607.9	642.0	676.0	740.0	806.7	869.2	921.7
140°	409.0	423.2	467.3	536.9	602.2	636.3	667.5	728.6	789.7	849.3	900.4
142.5°	420.4	433.2	471.5	534.0	596.5	629.2	659.0	717.2	772.6	829.4	879.1
145°	431.8	441.7	474.4	532.6	589.4	619.2	647.6	703.0	757.0	808.1	855.0
147.5°	440.3	450.2	477.2	526.9	580.9	607.9	634.9	687.4	737.1	785.4	828.0
150°	448.8	457.3	478.6	521.2	570.9	595.1	619.2	668.9	717.2	761.3	801.0
152.5°	457.3	463.0	482.9	515.6	559.6	582.3	606.4	650.5	694.5	735.7	774.0
155°	463.0	467.3	484.3	509.9	548.2	568.1	588.0	629.2	668.9	707.3	742.8
157.5°	468.7	472.9	485.7	505.6	535.4	553.9	570.9	606.4	643.4	677.5	710.1
160°	472.9	475.8	485.7	502.8	524.1	536.9	552.5	585.1	616.4	646.2	674.6
162.5°	477.2	478.6	485.7	498.5	514.1	522.7	534.0	559.6	588.0	613.6	639.1
165°	480.0	481.5	485.7	495.7	505.6	512.7	518.4	536.9	558.2	580.9	602.2
167.5°	482.9	482.9	485.7	492.8	498.5	502.8	507.0	517.0	531.2	548.2	563.8
170°	484.3	484.3	485.7	490.0	494.2	495.7	498.5	504.2	511.3	519.8	529.8
172.5°	484.3	484.3	484.3	487.1	488.6	488.6	488.6	491.4	495.7	501.4	505.6
175°	484.3	482.9	482.9	484.3	482.9	482.9	482.9	482.9	484.3	487.1	488.6
177.5°	484.3	482.9	481.5	481.5	480.0	480.0	478.6	478.6	478.6	478.6	478.6
180°	475.8	475.8	475.8	475.8	475.8	475.8	475.8	475.8	475.8	475.8	475.8



TEST NUMBER: P395770

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (6500K)

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	313.9	313.9	313.9	313.9	313.9	313.9	313.9	313.9	313.9	313.9
2.5°	315.3	315.3	313.9	312.5	312.5	312.5	311.0	309.6	308.2	308.2
5°	315.3	315.3	313.9	313.9	313.9	313.9	312.5	312.5	311.0	311.0
7.5°	316.7	315.3	315.3	315.3	315.3	315.3	315.3	315.3	313.9	313.9
10°	316.7	316.7	316.7	316.7	316.7	316.7	316.7	316.7	316.7	316.7
12.5°	318.1	318.1	318.1	318.1	319.6	319.6	319.6	319.6	319.6	319.6
15°	318.1	319.6	321.0	321.0	321.0	322.4	322.4	322.4	322.4	322.4
17.5°	319.6	321.0	322.4	322.4	323.8	323.8	325.2	325.2	325.2	325.2
20°	319.6	321.0	322.4	323.8	325.2	325.2	326.7	328.1	328.1	326.7
22.5°	318.1	321.0	322.4	323.8	325.2	326.7	328.1	329.5	329.5	329.5
25°	316.7	319.6	322.4	325.2	325.2	326.7	329.5	329.5	329.5	329.5
27.5°	315.3	318.1	321.0	323.8	325.2	326.7	328.1	329.5	329.5	329.5
30°	312.5	316.7	319.6	322.4	323.8	325.2	326.7	328.1	328.1	328.1
32.5°	308.2	312.5	315.3	319.6	321.0	322.4	323.8	325.2	325.2	325.2
35°	303.9	308.2	311.0	315.3	316.7	318.1	321.0	321.0	322.4	322.4
37.5°	296.8	302.5	305.4	309.6	311.0	312.5	315.3	316.7	316.7	316.7
40°	289.7	295.4	298.3	302.5	303.9	305.4	308.2	309.6	311.0	311.0
42.5°	281.2	286.9	289.7	294.0	295.4	296.8	299.7	301.1	302.5	302.5
45°	272.7	277.0	279.8	284.1	286.9	286.9	289.7	291.2	292.6	292.6
47.5°	261.3	265.6	268.4	272.7	275.5	277.0	278.4	279.8	281.2	281.2
50°	248.5	252.8	257.1	259.9	262.7	262.7	265.6	267.0	268.4	268.4
52.5°	235.8	238.6	242.9	247.1	248.5	250.0	251.4	252.8	254.2	254.2
55°	221.6	224.4	228.7	231.5	232.9	234.3	235.8	237.2	238.6	238.6
57.5°	205.9	208.8	213.0	215.9	217.3	218.7	220.1	221.6	223.0	223.0
60°	188.9	191.7	196.0	198.8	200.3	200.3	203.1	204.5	204.5	204.5
62.5°	171.9	174.7	177.5	180.4	181.8	183.2	184.6	186.1	186.1	186.1
65°	154.8	157.6	160.5	161.9	163.3	163.3	164.7	166.2	167.6	167.6
67.5°	136.3	139.2	142.0	143.4	144.9	144.9	146.3	147.7	147.7	147.7
70°	117.9	119.3	122.1	123.6	125.0	125.0	127.8	127.8	127.8	127.8
72.5°	99.4	100.8	103.7	105.1	106.5	106.5	107.9	109.4	109.4	109.4
75°	82.4	83.8	85.2	88.1	88.1	88.1	89.5	90.9	90.9	90.9
77.5°	65.3	66.8	68.2	69.6	71.0	71.0	72.4	73.9	73.9	73.9
80°	49.7	51.1	52.5	54.0	54.0	55.4	55.4	56.8	56.8	56.8
82.5°	35.5	36.9	38.3	39.8	41.2	41.2	42.6	44.0	44.0	42.6
85°	24.1	27.0	28.4	29.8	29.8	29.8	31.2	32.7	32.7	31.2
87.5°	17.0	17.0	18.5	19.9	19.9	21.3	21.3	22.7	22.7	22.7
90°	9.9	9.9	11.4	11.4	12.8	12.8	12.8	14.2	14.2	14.2
92.5°	24.1	24.1	25.6	25.6	25.6	25.6	27.0	27.0	27.0	27.0
95°	258.5	116.5	98.0	59.7	56.8	49.7	48.3	49.7	49.7	48.3
97.5°	867.8	928.8	967.2	985.7	962.9	938.8	911.8	907.5	870.6	788.2
100°	935.9	984.2	1031.1	1063.8	1076.6	1087.9	1113.5	1129.1	1136.2	1143.3
102.5°	970.0	1021.2	1062.4	1103.5	1120.6	1136.2	1158.9	1177.4	1184.5	1190.2
105°	999.9	1052.4	1097.9	1134.8	1150.4	1164.6	1187.3	1204.4	1217.2	1218.6
107.5°	1007.0	1062.4	1113.5	1158.9	1177.4	1193.0	1220.0	1232.8	1244.1	1244.1
110°	1019.7	1072.3	1119.2	1160.4	1178.8	1197.3	1225.7	1245.6	1256.9	1259.8





TEST NUMBER: P395770

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (6500K)

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	1029.7	1083.7	1127.7	1168.9	1184.5	1201.5	1228.5	1247.0	1256.9	1261.2
115°	1038.2	1090.8	1134.8	1173.1	1190.2	1207.2	1234.2	1249.8	1261.2	1265.4
117.5°	1043.9	1095.0	1139.0	1174.6	1193.0	1207.2	1232.8	1249.8	1261.2	1262.6
120°	1045.3	1096.4	1139.0	1174.6	1190.2	1205.8	1231.4	1248.4	1259.8	1259.8
122.5°	1045.3	1095.0	1137.6	1171.7	1185.9	1200.1	1224.3	1244.1	1254.1	1254.1
125°	1039.6	1089.3	1130.5	1164.6	1178.8	1191.6	1217.2	1235.6	1245.6	1247.0
127.5°	1031.1	1079.4	1120.6	1154.7	1168.9	1180.2	1207.2	1224.3	1234.2	1235.6
130°	1019.7	1068.0	1107.8	1140.5	1154.7	1167.5	1190.2	1208.6	1220.0	1222.8
132.5°	1007.0	1052.4	1092.2	1123.4	1137.6	1149.0	1171.7	1190.2	1200.1	1204.4
135°	991.3	1033.9	1072.3	1103.5	1117.7	1129.1	1150.4	1168.9	1178.8	1183.1
137.5°	971.5	1012.6	1049.6	1080.8	1093.6	1105.0	1126.3	1143.3	1151.8	1157.5
140°	948.7	987.1	1025.4	1053.8	1066.6	1078.0	1096.4	1114.9	1123.4	1127.7
142.5°	924.6	962.9	997.0	1025.4	1036.8	1048.1	1066.6	1083.7	1092.2	1093.6
145°	899.0	935.9	967.2	994.2	1004.1	1015.5	1032.5	1049.6	1058.1	1059.5
147.5°	870.6	904.7	934.5	960.1	971.5	980.0	995.6	1011.2	1019.7	1021.2
150°	838.0	869.2	896.2	921.7	931.7	940.2	957.3	971.5	980.0	981.4
152.5°	806.7	836.5	859.3	882.0	891.9	900.4	914.6	928.8	937.4	938.8
155°	774.0	801.0	823.7	842.2	850.7	859.3	870.6	883.4	890.5	891.9
157.5°	740.0	765.5	785.4	802.4	811.0	818.1	828.0	839.4	843.6	846.5
160°	703.0	724.3	741.4	758.4	765.5	772.6	782.6	791.1	796.8	798.2
162.5°	663.3	681.7	695.9	711.5	715.8	721.5	731.4	740.0	744.2	745.6
165°	622.1	639.1	651.9	664.7	667.5	671.8	678.9	687.4	690.2	693.1
167.5°	580.9	595.1	603.6	615.0	619.2	622.1	629.2	634.9	637.7	639.1
170°	541.1	551.1	558.2	566.7	568.1	572.4	576.6	582.3	583.7	583.7
172.5°	509.9	514.1	518.4	521.2	522.7	524.1	526.9	528.3	528.3	528.3
175°	490.0	492.8	492.8	494.2	494.2	494.2	494.2	494.2	494.2	494.2
177.5°	478.6	478.6	478.6	477.2	477.2	477.2	477.2	475.8	475.8	475.8
180°	475.8	475.8	475.8	475.8	475.8	475.8	475.8	475.8	475.8	475.8

(END OF REPORT)