

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: P395611

Luminaire Tested: **I3-FL-60L92765-1D-UNV-W2A-W-4 (4500K)**

Issue Date: 5/6/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P395611  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-656-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: I3-FL-60L92765-1D-UNV-W2A-W-4 (4500K)  
Description: CORELITE I3, FROSTED TOP COVER  
6000 LUMENS, VIVIDTUNE TUNABLE WHITE  
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 4500K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4972.4 lumens  
Efficiency: N/A  
Efficacy: 110.7 lumens/watt  
Spacing Criteria (0/90/45): 1.31 / 1.43 / 1.49  
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')  
CIE Type: Semi-Indirect

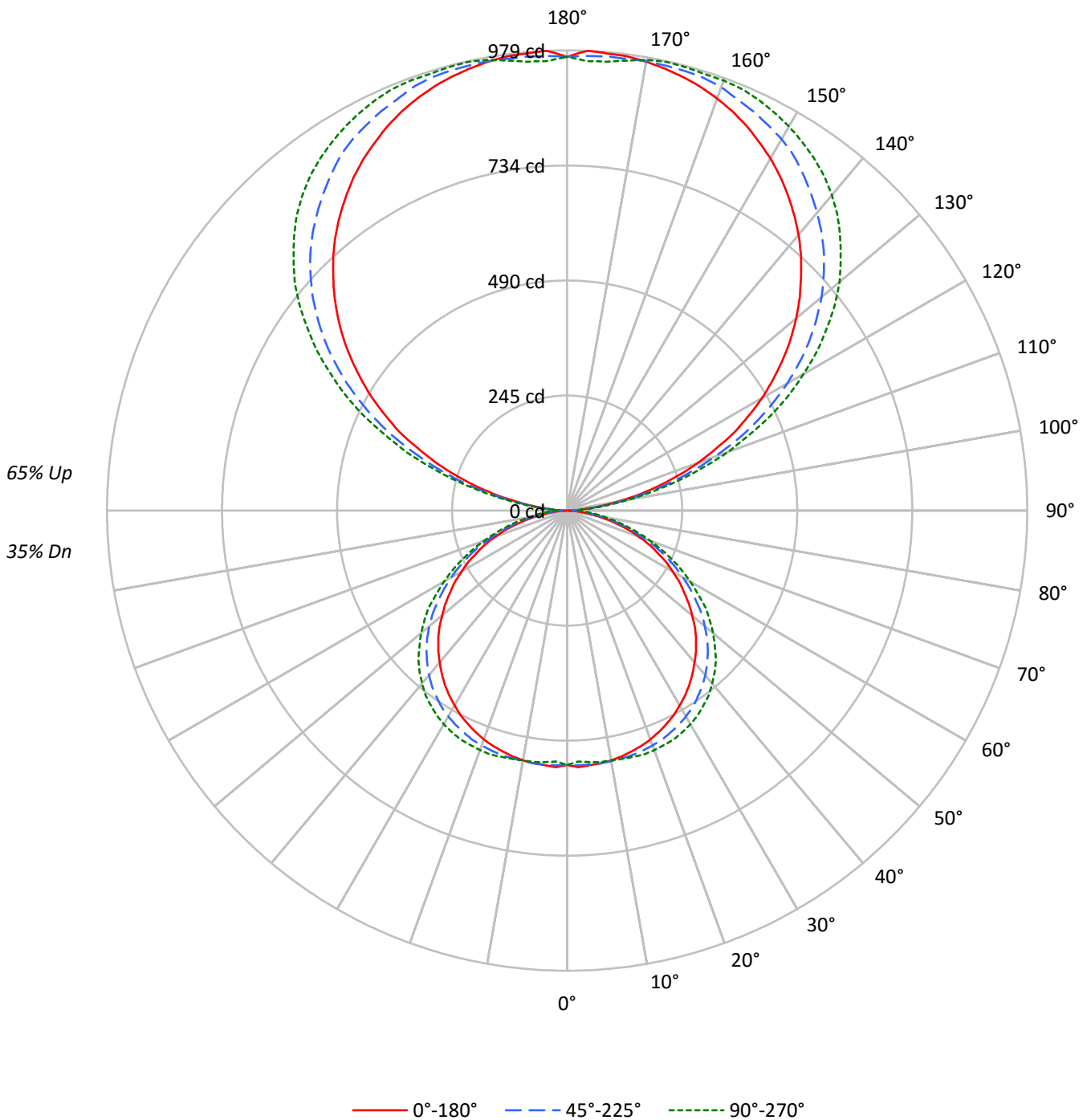
Input Watts (W): 44.9  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: I3-FL-60L92765-1D-UNV-W2A-W-4 (4500K)

### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				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	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35
1	94	90	86	83	85	81	78	75	66	63	61	51	49	48	37	36	36	29
2	86	78	72	67	77	71	66	61	57	53	50	44	42	40	33	31	30	24
3	78	69	61	55	70	62	56	51	50	46	42	39	36	33	29	27	25	20
4	71	60	53	47	64	55	48	43	44	39	35	35	31	28	25	23	21	17
5	65	54	46	40	59	49	42	36	39	34	30	31	27	24	23	20	18	15
6	60	48	40	34	54	44	37	31	35	30	26	28	24	21	21	18	16	13
7	55	43	35	30	50	39	32	27	32	27	23	25	21	18	19	16	14	11
8	51	39	31	26	46	35	29	24	29	24	20	23	19	16	17	14	13	10
9	47	35	28	23	43	32	26	21	26	21	18	21	17	15	16	13	11	9
10	44	32	25	20	40	30	23	19	24	19	16	19	16	13	14	12	10	8

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

	0°	45°	90°
0°	2974	2974	2974
5°	2989	2925	2879
10°	2990	2884	2845
15°	2983	2859	2833
20°	2984	2835	2829
25°	2976	2810	2819
30°	2965	2783	2793
35°	2951	2739	2752
40°	2921	2681	2691
45°	2891	2598	2609
50°	2825	2483	2481
55°	2744	2326	2333
60°	2652	2144	2107
65°	2521	1921	1872
70°	2341	1637	1581
75°	2038	1301	1258
80°	1591	924	921
85°	861	529	604



TEST NUMBER: P395611

CATALOG NUMBER: I3-FL-60L92765-1D-UNV-W2A-W-4 (4500K)

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	51.6	1.0
10°-20°	151.7	3.1
20°-30°	239.3	4.8
30°-40°	300.7	6.0
40°-50°	323.3	6.5
50°-60°	297.4	6.0
60°-70°	227.9	4.6
70°-80°	129.8	2.6
80°-90°	40.5	0.8
90°-100°	54.2	1.1
100°-110°	235.7	4.7
110°-120°	431.4	8.7
120°-130°	556.1	11.2
130°-140°	591.7	11.9
140°-150°	544.4	10.9
150°-160°	431.3	8.7
160°-170°	273.1	5.5
170°-180°	92.5	1.9
0°-30°	442.6	8.9
0°-40°	743.3	14.9
0°-60°	1364.0	27.4
0°-90°	1762.1	35.4
90°-120°	721.2	14.5
90°-150°	2413.5	48.5
90°-180°	3210.0	64.6
0°-180°	4972.4	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	541	541	541	541	541	
5°	544	538	542	540	537	52
15°	530	528	538	542	542	150
25°	500	502	521	533	537	231
35°	453	458	484	500	506	283
45°	388	397	423	441	448	299
55°	304	316	335	353	359	272
65°	212	218	232	243	247	210
75°	111	114	122	129	133	118
85°	20	26	34	43	46	26
90°	1	4	12	18	20	3
95°	37	35	39	45	46	46
105°	199	209	225	239	243	212
115°	392	410	442	465	477	384
125°	560	584	629	660	674	500
135°	704	727	773	805	822	543
145°	819	837	875	900	915	513
155°	903	914	937	956	964	416
165°	955	955	968	975	976	270
175°	976	970	970	965	959	93
180°	965	965	965	965	965	



TEST NUMBER: P395611

CATALOG NUMBER: I3-FL-60L92765-1D-UNV-W2A-W-4 (4500K)

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0
2.5°	546.5	545.1	543.7	541.0	541.0	539.7	539.7	539.7	539.7	541.0	542.4
5°	543.7	543.7	542.4	539.7	539.7	538.3	538.3	539.7	538.3	539.7	542.4
7.5°	542.4	542.4	541.0	538.3	538.3	538.3	538.3	538.3	538.3	539.7	542.4
10°	539.7	539.7	537.0	535.6	535.6	535.6	535.6	537.0	537.0	538.3	541.0
12.5°	535.6	534.3	532.9	531.5	531.5	531.5	532.9	534.3	534.3	537.0	539.7
15°	530.2	530.2	528.8	527.5	527.5	527.5	528.8	530.2	531.5	534.3	538.3
17.5°	524.8	524.8	523.4	523.4	523.4	523.4	524.8	526.1	528.8	531.5	535.6
20°	518.0	518.0	516.6	516.6	516.6	518.0	518.0	520.7	523.4	527.5	531.5
22.5°	509.8	509.8	509.8	508.5	509.8	511.2	512.6	515.3	518.0	522.0	527.5
25°	500.4	500.4	500.4	500.4	501.7	501.7	504.4	507.1	509.8	515.3	520.7
27.5°	490.9	490.9	490.9	489.5	492.2	493.6	494.9	499.0	501.7	508.5	513.9
30°	478.7	478.7	478.7	480.0	481.4	482.7	485.4	489.5	492.2	499.0	505.8
32.5°	466.5	466.5	466.5	466.5	470.5	471.9	473.2	477.3	482.7	489.5	496.3
35°	452.9	452.9	452.9	454.2	457.0	458.3	461.0	465.1	470.5	477.3	484.1
37.5°	438.0	439.3	439.3	440.7	443.4	446.1	448.8	452.9	458.3	465.1	471.9
40°	421.7	423.1	423.1	424.4	427.1	429.8	432.6	438.0	443.4	450.2	457.0
42.5°	405.4	406.8	406.8	409.5	412.2	414.9	417.6	423.1	428.5	435.3	440.7
45°	387.8	389.2	389.2	391.9	395.9	397.3	401.4	406.8	412.2	417.6	423.1
47.5°	368.8	370.2	370.2	372.9	377.0	379.7	382.4	387.8	391.9	398.7	404.1
50°	347.1	348.5	349.8	352.6	358.0	360.7	363.4	367.5	372.9	377.0	382.4
52.5°	326.8	326.8	328.1	330.9	334.9	337.6	339.0	343.1	349.8	355.3	360.7
55°	303.7	305.1	306.4	309.2	313.2	315.9	317.3	321.4	325.4	329.5	334.9
57.5°	283.4	283.4	284.8	287.5	291.5	292.9	294.2	297.0	302.4	306.4	310.5
60°	259.0	260.3	261.7	264.4	267.1	269.8	269.8	273.9	278.0	282.0	284.8
62.5°	237.3	237.3	238.7	241.4	242.7	245.4	245.4	249.5	252.2	256.3	259.0
65°	211.5	212.9	214.2	215.6	218.3	218.3	219.7	222.4	225.1	227.8	231.9
67.5°	188.5	188.5	189.8	191.2	192.5	192.5	193.9	196.6	199.3	202.0	204.8
70°	162.7	164.1	164.1	164.1	165.4	166.8	168.1	169.5	172.2	173.6	176.3
72.5°	137.0	137.0	138.3	138.3	139.7	141.0	142.4	143.7	145.1	147.8	149.2
75°	111.2	111.2	112.5	112.5	113.9	113.9	113.9	116.6	118.0	120.7	122.0
77.5°	85.4	86.8	86.8	86.8	88.1	89.5	89.5	90.8	93.6	94.9	96.3
80°	62.4	62.4	62.4	62.4	63.7	65.1	66.4	66.4	69.2	71.9	73.2
82.5°	39.3	39.3	40.7	42.0	42.0	43.4	44.7	46.1	48.8	50.2	51.5
85°	20.3	20.3	21.7	23.1	24.4	25.8	25.8	27.1	29.8	32.5	33.9
87.5°	6.8	8.1	8.1	9.5	10.8	12.2	13.6	14.9	17.6	20.3	21.7
90°	1.4	1.4	1.4	2.7	4.1	4.1	5.4	6.8	8.1	9.5	12.2
92.5°	12.2	12.2	10.8	12.2	12.2	12.2	12.2	13.6	14.9	14.9	17.6
95°	36.6	35.3	35.3	35.3	35.3	35.3	35.3	36.6	38.0	38.0	39.3
97.5°	70.5	70.5	69.2	69.2	70.5	70.5	70.5	71.9	74.6	73.2	75.9
100°	109.8	109.8	108.5	109.8	111.2	112.5	115.3	115.3	118.0	118.0	122.0
102.5°	154.6	154.6	153.2	155.9	157.3	160.0	160.0	162.7	166.8	166.8	172.2
105°	199.3	200.7	200.7	203.4	206.1	208.8	208.8	212.9	218.3	218.3	225.1
107.5°	248.1	249.5	249.5	252.2	254.9	257.6	259.0	264.4	269.8	271.2	279.3
110°	295.6	297.0	298.3	301.0	303.7	307.8	310.5	315.9	322.7	325.4	332.2



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	340.3	345.8	347.1	351.2	355.3	359.3	362.0	368.8	377.0	381.0	389.2
115°	391.9	394.6	395.9	400.0	405.4	409.5	412.2	419.0	427.1	432.6	442.0
117.5°	433.9	440.7	442.0	446.1	451.5	455.6	458.3	466.5	475.9	482.7	492.2
120°	478.7	484.1	489.5	492.2	496.3	501.7	504.4	512.6	523.4	530.2	541.0
122.5°	519.3	524.8	530.2	534.3	539.7	542.4	546.5	555.9	566.8	574.9	585.8
125°	560.0	566.8	570.9	574.9	581.7	584.4	588.5	598.0	608.8	618.3	629.2
127.5°	599.3	603.4	610.2	612.9	619.7	622.4	626.5	637.3	648.2	657.6	668.5
130°	635.9	641.4	646.8	648.2	656.3	660.4	664.4	673.9	686.1	695.6	706.5
132.5°	671.2	673.9	680.7	684.8	691.5	695.6	699.7	707.8	720.0	729.5	740.4
135°	703.7	706.5	714.6	718.7	722.7	726.8	732.2	740.4	752.6	762.1	772.9
137.5°	736.3	739.0	747.1	751.2	753.9	758.0	762.1	770.2	782.4	791.9	801.4
140°	766.1	768.8	774.3	779.7	782.4	785.1	789.2	797.3	808.2	817.6	827.1
142.5°	793.2	796.0	801.4	806.8	810.9	810.9	814.9	821.7	833.9	843.4	851.5
145°	819.0	820.4	825.8	831.2	836.6	836.6	838.0	844.8	855.6	866.5	874.6
147.5°	843.4	844.8	848.8	854.3	858.3	859.7	862.4	865.1	876.0	886.8	896.3
150°	865.1	866.5	869.2	874.6	877.3	880.0	882.7	884.1	892.2	901.7	912.6
152.5°	884.1	885.4	888.2	892.2	894.9	897.7	900.4	904.4	908.5	918.0	924.8
155°	903.1	904.4	905.8	909.9	912.6	913.9	915.3	920.7	924.8	930.2	937.0
157.5°	919.3	919.3	920.7	923.4	926.1	926.1	927.5	932.9	937.0	942.4	946.5
160°	932.9	932.9	934.3	937.0	937.0	938.3	939.7	943.8	946.5	953.2	958.7
162.5°	945.1	943.8	945.1	946.5	946.5	946.5	947.8	950.5	954.6	960.0	965.4
165°	954.6	954.6	954.6	956.0	956.0	954.6	954.6	957.3	960.0	964.1	968.2
167.5°	962.7	962.7	961.4	962.7	961.4	961.4	960.0	961.4	962.7	966.8	969.5
170°	969.5	968.2	968.2	968.2	966.8	965.4	965.4	965.4	965.4	968.2	970.9
172.5°	974.9	973.6	972.2	972.2	969.5	968.2	968.2	966.8	966.8	968.2	969.5
175°	976.3	974.9	973.6	973.6	970.9	969.5	968.2	968.2	966.8	968.2	969.5
177.5°	979.0	977.7	974.9	974.9	972.2	969.5	969.5	968.2	966.8	968.2	968.2
180°	965.4	965.4	965.4	965.4	965.4	965.4	965.4	965.4	965.4	965.4	965.4



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0
2.5°	543.7	543.7	542.4	541.0	541.0	539.7	538.3	537.0	535.6	534.3
5°	543.7	542.4	541.0	541.0	539.7	539.7	539.7	538.3	537.0	537.0
7.5°	543.7	543.7	542.4	541.0	541.0	541.0	541.0	541.0	539.7	539.7
10°	543.7	542.4	542.4	542.4	541.0	542.4	542.4	541.0	541.0	539.7
12.5°	542.4	542.4	542.4	542.4	542.4	542.4	542.4	542.4	542.4	541.0
15°	539.7	541.0	541.0	542.4	542.4	542.4	543.7	543.7	542.4	542.4
17.5°	538.3	539.7	541.0	542.4	542.4	542.4	543.7	543.7	543.7	543.7
20°	535.6	537.0	538.3	539.7	539.7	541.0	541.0	542.4	542.4	542.4
22.5°	530.2	531.5	534.3	535.6	537.0	538.3	539.7	539.7	539.7	539.7
25°	524.8	527.5	528.8	531.5	532.9	534.3	535.6	535.6	535.6	537.0
27.5°	518.0	520.7	524.8	526.1	527.5	528.8	530.2	531.5	531.5	531.5
30°	509.8	513.9	516.6	519.3	520.7	522.0	523.4	523.4	524.8	524.8
32.5°	500.4	504.4	507.1	509.8	511.2	512.6	515.3	515.3	516.6	516.6
35°	488.1	492.2	496.3	499.0	500.4	501.7	504.4	505.8	505.8	505.8
37.5°	475.9	480.0	484.1	488.1	489.5	490.9	493.6	493.6	494.9	494.9
40°	461.0	465.1	469.2	473.2	473.2	475.9	477.3	478.7	480.0	480.0
42.5°	446.1	450.2	452.9	457.0	458.3	459.7	461.0	463.7	463.7	465.1
45°	428.5	432.6	435.3	439.3	440.7	442.0	444.8	446.1	447.5	447.5
47.5°	409.5	412.2	414.9	419.0	421.7	423.1	424.4	425.8	427.1	425.8
50°	387.8	390.5	394.6	398.7	400.0	401.4	404.1	404.1	405.4	405.4
52.5°	364.8	368.8	371.5	375.6	377.0	378.3	381.0	381.0	382.4	382.4
55°	339.0	341.7	344.4	351.2	352.6	353.9	356.6	356.6	358.0	359.3
57.5°	314.6	315.9	320.0	322.7	325.4	325.4	326.8	328.1	329.5	329.5
60°	288.8	290.2	292.9	297.0	297.0	298.3	301.0	301.0	302.4	302.4
62.5°	261.7	264.4	267.1	271.2	269.8	271.2	273.9	273.9	275.3	275.3
65°	234.6	235.9	238.7	241.4	242.7	242.7	244.1	245.4	246.8	246.8
67.5°	206.1	208.8	210.2	214.2	212.9	214.2	215.6	215.6	217.0	217.0
70°	179.0	180.3	183.1	184.4	184.4	185.8	187.1	187.1	187.1	188.5
72.5°	151.9	153.2	154.6	155.9	155.9	157.3	158.6	158.6	160.0	160.0
75°	123.4	126.1	127.5	130.2	128.8	130.2	132.9	132.9	132.9	132.9
77.5°	99.0	100.3	103.1	104.4	104.4	104.4	107.1	105.8	107.1	107.1
80°	74.6	75.9	78.6	80.0	80.0	81.4	82.7	82.7	82.7	84.1
82.5°	52.9	55.6	58.3	59.7	59.7	61.0	62.4	62.4	63.7	63.7
85°	36.6	39.3	42.0	42.0	43.4	44.7	46.1	46.1	46.1	46.1
87.5°	24.4	25.8	27.1	28.5	29.8	29.8	31.2	31.2	32.5	32.5
90°	13.6	14.9	16.3	17.6	17.6	19.0	19.0	20.3	20.3	20.3
92.5°	19.0	19.0	20.3	21.7	21.7	21.7	21.7	23.1	23.1	23.1
95°	40.7	42.0	42.0	44.7	44.7	44.7	46.1	46.1	46.1	46.1
97.5°	78.6	78.6	78.6	81.4	81.4	81.4	82.7	82.7	82.7	84.1
100°	123.4	124.7	124.7	128.8	127.5	130.2	130.2	130.2	130.2	131.5
102.5°	173.6	176.3	177.6	181.7	181.7	181.7	184.4	183.1	184.4	184.4
105°	227.8	230.5	231.9	235.9	238.7	238.7	241.4	240.0	241.4	242.7
107.5°	282.0	286.1	288.8	292.9	295.6	297.0	297.0	298.3	299.7	301.0
110°	337.6	341.7	348.5	352.6	353.9	356.6	358.0	359.3	360.7	363.4





TEST NUMBER: P395611

CATALOG NUMBER: I3-FL-60L92765-1D-UNV-W2A-W-4 (4500K)

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	395.9	400.0	405.4	410.9	409.5	413.6	416.3	417.6	419.0	417.6
115°	448.8	454.2	459.7	465.1	465.1	467.8	473.2	474.6	474.6	477.3
117.5°	499.0	505.8	511.2	516.6	518.0	520.7	524.8	528.8	528.8	531.5
120°	547.8	555.9	561.4	566.8	569.5	570.9	574.9	580.4	580.4	580.4
122.5°	593.9	600.7	607.5	612.9	615.6	618.3	621.0	627.8	627.8	630.5
125°	637.3	645.4	652.2	657.6	660.4	663.1	668.5	672.6	673.9	673.9
127.5°	678.0	686.1	692.9	699.7	701.0	703.7	709.2	714.6	716.0	717.3
130°	716.0	724.1	730.9	737.6	740.4	741.7	748.5	752.6	755.3	756.6
132.5°	749.8	758.0	764.8	771.5	774.3	777.0	781.0	787.8	789.2	789.2
135°	781.0	789.2	796.0	804.1	805.4	808.2	813.6	817.6	820.4	821.7
137.5°	809.5	817.6	825.8	832.6	835.3	836.6	842.1	847.5	850.2	851.5
140°	835.3	843.4	851.5	857.0	858.3	862.4	866.5	871.9	874.6	876.0
142.5°	859.7	866.5	873.2	880.0	881.4	884.1	888.2	893.6	896.3	897.7
145°	881.4	888.2	893.6	899.0	900.4	903.1	907.1	911.2	913.9	915.3
147.5°	901.7	907.1	912.6	916.6	918.0	920.7	923.4	926.1	928.8	930.2
150°	919.3	922.1	927.5	930.2	931.5	934.3	937.0	939.7	942.4	943.8
152.5°	932.9	937.0	939.7	943.8	945.1	946.5	949.2	951.9	954.6	954.6
155°	943.8	947.8	950.5	954.6	956.0	957.3	960.0	961.4	964.1	964.1
157.5°	951.9	956.0	958.7	961.4	962.7	964.1	965.4	968.2	970.9	970.9
160°	961.4	962.7	964.1	966.8	966.8	968.2	969.5	970.9	973.6	973.6
162.5°	969.5	970.9	968.2	969.5	968.2	969.5	970.9	972.2	973.6	973.6
165°	972.2	974.9	973.6	974.9	974.9	974.9	974.9	976.3	976.3	976.3
167.5°	972.2	974.9	973.6	973.6	974.9	974.9	976.3	977.7	977.7	977.7
170°	972.2	973.6	972.2	970.9	972.2	972.2	972.2	973.6	973.6	973.6
172.5°	970.9	972.2	969.5	968.2	968.2	968.2	966.8	966.8	965.4	965.4
175°	969.5	969.5	966.8	965.4	965.4	965.4	962.7	961.4	960.0	958.7
177.5°	968.2	968.2	964.1	962.7	962.7	961.4	961.4	958.7	958.7	957.3
180°	965.4	965.4	965.4	965.4	965.4	965.4	965.4	965.4	965.4	965.4

(END OF REPORT)