

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: P395458

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

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395458
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 (6500K)
Description: CORELITE I3, CLEAR TOP COVER
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: 5277.8 lumens
Efficiency: N/A
Efficacy: 114.2 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

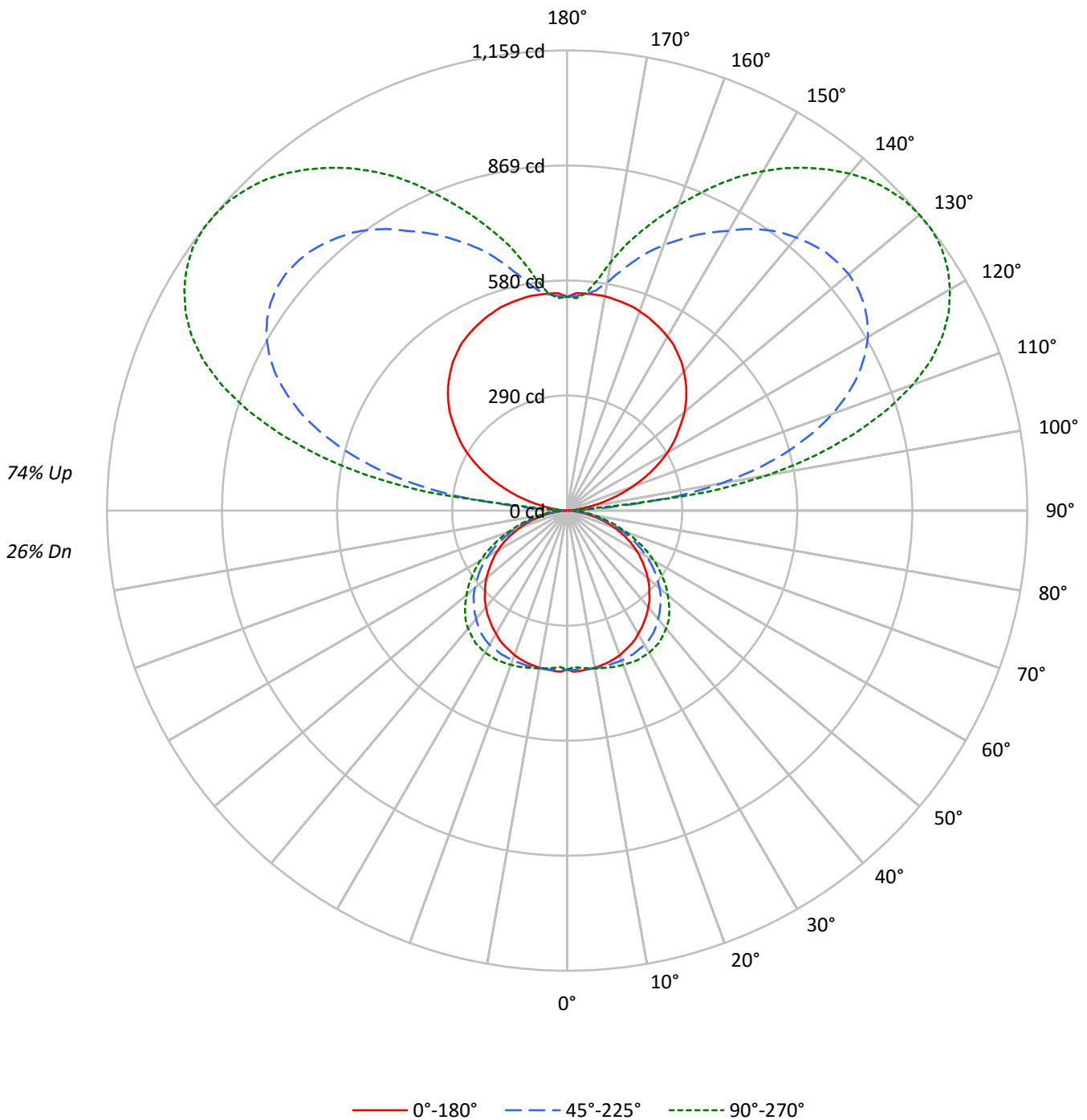
Input Watts (W): 46.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395458

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

Luminous Intensity Polar Plot





TEST NUMBER: P395458

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

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°	2201	2201	2201
5°	2225	2167	2132
10°	2226	2150	2126
15°	2229	2142	2137
20°	2233	2143	2156
25°	2229	2146	2184
30°	2217	2149	2200
35°	2211	2137	2202
40°	2204	2091	2174
45°	2182	2041	2120
50°	2162	1974	2025
55°	2117	1874	1909
60°	2065	1743	1762
65°	1981	1565	1562
70°	1839	1332	1322
75°	1587	1060	1062
80°	1232	752	778
85°	721	465	522



TEST NUMBER: P395458

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

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.3	0.7
10°-20°	113.8	2.2
20°-30°	182.5	3.5
30°-40°	233.4	4.4
40°-50°	254.5	4.8
50°-60°	238.5	4.5
60°-70°	185.0	3.5
70°-80°	106.1	2.0
80°-90°	33.9	0.6
90°-100°	136.1	2.6
100°-110°	529.2	10.0
110°-120°	720.4	13.6
120°-130°	747.8	14.2
130°-140°	663.3	12.6
140°-150°	514.7	9.8
150°-160°	343.5	6.5
160°-170°	183.1	3.5
170°-180°	53.6	1.0
0°-30°	334.7	6.3
0°-40°	568.1	10.8
0°-60°	1061.2	20.1
0°-90°	1386.2	26.3
90°-120°	1385.7	26.3
90°-150°	3311.5	62.7
90°-180°	3892.0	73.7
0°-180°	5277.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	400	400	400	400	400	
5°	405	400	402	400	398	39
15°	396	395	403	409	409	112
25°	375	378	398	412	416	173
35°	339	346	378	398	405	213
45°	293	305	332	354	364	226
55°	234	247	270	288	294	210
65°	166	173	189	202	206	164
75°	87	91	99	109	112	92
85°	17	20	30	38	40	20
90°	1	4	10	14	17	2
95°	17	97	132	27	26	22
105°	112	339	575	683	748	120
115°	234	524	810	952	1044	231
125°	339	618	912	1071	1152	304
135°	425	650	920	1079	1143	327
145°	484	650	864	1003	1054	303
155°	521	615	766	868	908	241
165°	542	565	650	712	730	153
175°	548	545	547	550	550	52
180°	538	538	538	538	538	



TEST NUMBER: P395458

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

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	400.5	400.5	400.5	400.5	400.5	400.5	400.5	400.5	400.5	400.5	400.5
2.5°	406.2	404.8	404.8	401.9	401.9	400.5	400.5	400.5	400.5	400.5	401.9
5°	404.8	404.8	403.3	401.9	401.9	400.5	400.5	400.5	400.5	400.5	401.9
7.5°	403.3	403.3	401.9	400.5	400.5	400.5	400.5	400.5	400.5	400.5	403.3
10°	401.9	401.9	400.5	399.1	399.1	399.1	399.1	400.5	400.5	400.5	403.3
12.5°	399.1	397.7	397.7	396.2	396.2	396.2	397.7	397.7	399.1	400.5	403.3
15°	396.2	396.2	394.8	393.4	394.8	394.8	394.8	396.2	397.7	399.1	403.3
17.5°	392.0	392.0	390.6	390.6	390.6	392.0	392.0	393.4	396.2	399.1	401.9
20°	387.7	386.3	386.3	386.3	387.7	387.7	389.1	392.0	393.4	397.7	401.9
22.5°	380.6	382.0	380.6	380.6	382.0	383.5	384.9	387.7	390.6	394.8	399.1
25°	374.9	374.9	374.9	374.9	377.8	377.8	380.6	383.5	387.7	392.0	397.7
27.5°	367.8	367.8	367.8	369.3	370.7	372.1	373.5	377.8	382.0	387.7	393.4
30°	357.9	357.9	357.9	357.9	362.2	363.6	366.4	372.1	376.4	383.5	390.6
32.5°	349.4	349.4	349.4	350.8	353.6	355.1	357.9	365.0	370.7	377.8	384.9
35°	339.4	339.4	340.9	340.9	345.1	346.5	349.4	355.1	360.7	369.3	377.8
37.5°	329.5	329.5	330.9	332.3	335.2	338.0	340.9	346.5	352.2	359.3	367.8
40°	318.1	318.1	319.6	321.0	325.2	328.1	330.9	336.6	342.3	349.4	356.5
42.5°	306.8	306.8	308.2	309.6	313.9	316.7	319.6	326.7	332.3	339.4	345.1
45°	292.6	294.0	295.4	298.2	302.5	305.4	308.2	313.9	321.0	326.7	332.3
47.5°	279.8	281.2	282.6	285.5	289.7	292.6	295.4	301.1	306.8	312.5	319.6
50°	265.6	267.0	268.4	271.3	275.5	278.4	281.2	286.9	292.6	296.8	303.9
52.5°	250.0	251.4	252.8	255.6	261.3	262.7	265.6	271.3	275.5	281.2	286.9
55°	234.3	235.8	237.2	240.0	244.3	247.1	248.5	254.2	258.5	264.2	269.8
57.5°	218.7	220.1	221.6	224.4	227.2	230.1	231.5	235.8	241.4	245.7	251.4
60°	201.7	203.1	204.5	205.9	210.2	211.6	213.0	217.3	221.6	227.2	231.5
62.5°	184.6	184.6	186.1	187.5	191.7	193.2	194.6	197.4	203.1	205.9	210.2
65°	166.2	166.2	167.6	169.0	171.8	173.3	174.7	177.5	181.8	184.6	188.9
67.5°	146.3	146.3	147.7	149.1	152.0	153.4	153.4	157.6	160.5	163.3	166.2
70°	127.8	127.8	129.2	129.2	130.7	132.1	133.5	136.3	137.8	142.0	143.4
72.5°	107.9	107.9	107.9	107.9	110.8	110.8	112.2	115.0	116.5	119.3	122.1
75°	86.6	86.6	88.1	88.1	89.5	90.9	92.3	93.7	96.6	98.0	99.4
77.5°	68.2	66.8	68.2	69.6	71.0	71.0	72.4	73.9	75.3	78.1	79.5
80°	48.3	48.3	48.3	49.7	51.1	51.1	52.5	54.0	55.4	58.2	59.6
82.5°	31.2	31.2	32.7	32.7	34.1	35.5	35.5	36.9	38.3	41.2	42.6
85°	17.0	17.0	17.0	18.5	19.9	19.9	21.3	22.7	25.6	27.0	29.8
87.5°	5.7	5.7	7.1	8.5	9.9	9.9	11.4	12.8	14.2	17.0	18.5
90°	1.4	1.4	1.4	2.8	2.8	4.3	4.3	5.7	7.1	8.5	9.9
92.5°	5.7	9.9	15.6	22.7	21.3	22.7	15.6	9.9	9.9	9.9	11.4
95°	17.0	25.6	41.2	65.3	85.2	96.6	106.5	116.5	136.3	137.8	132.1
97.5°	34.1	46.9	75.3	106.5	142.0	160.5	174.7	204.5	235.8	255.6	279.8
100°	56.8	75.3	112.2	154.8	196.0	220.1	242.9	285.5	323.8	357.9	394.8
102.5°	83.8	105.1	150.5	203.1	254.2	281.2	305.4	355.1	407.6	453.1	492.8
105°	112.2	136.3	190.3	250.0	308.2	339.4	369.3	423.2	478.6	528.3	575.2
107.5°	143.4	169.0	227.2	294.0	359.3	394.8	427.5	485.7	544.0	597.9	647.6
110°	173.3	201.7	262.7	335.2	409.0	444.5	477.2	541.1	602.2	659.0	711.5



TEST NUMBER: P395458

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

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	204.5	234.3	295.4	374.9	450.2	487.1	521.2	589.4	653.3	711.5	764.1
115°	234.3	262.7	326.7	409.0	485.7	524.1	561.0	630.6	697.3	755.6	809.5
117.5°	262.7	289.7	355.1	437.4	517.0	555.3	592.2	664.7	731.4	792.5	845.0
120°	291.1	315.3	386.3	461.6	542.5	580.9	619.2	691.7	759.8	820.9	874.9
122.5°	316.7	339.4	409.0	482.9	562.4	602.2	639.1	713.0	782.6	843.6	896.2
125°	339.4	360.7	430.3	499.9	579.5	617.8	656.1	728.6	798.2	857.8	911.8
127.5°	362.2	383.5	446.0	517.0	590.8	630.6	667.5	739.9	808.1	869.2	921.7
130°	386.3	401.9	461.6	532.6	602.2	639.1	677.5	747.0	813.8	873.4	926.0
132.5°	406.2	420.4	477.2	545.4	610.7	646.2	680.3	749.9	816.6	873.4	924.6
135°	424.7	436.0	488.6	556.7	617.8	650.5	683.1	748.5	813.8	870.6	920.3
137.5°	441.7	453.1	498.5	565.3	623.5	651.9	683.1	744.2	806.7	863.5	910.4
140°	457.3	465.8	507.0	569.5	626.3	653.3	680.3	737.1	795.3	850.7	897.6
142.5°	472.9	480.0	514.1	572.4	627.7	653.3	678.9	728.6	782.6	836.5	883.4
145°	484.3	491.4	519.8	573.8	626.3	650.5	673.2	720.1	768.3	818.1	863.5
147.5°	497.1	502.8	525.5	570.9	622.1	644.8	666.1	708.7	752.7	798.2	840.8
150°	505.6	511.3	528.3	568.1	615.0	636.3	657.6	697.3	737.1	776.9	813.8
152.5°	514.1	518.4	532.6	563.8	606.4	626.3	646.2	684.6	721.5	757.0	789.7
155°	521.2	525.5	535.4	561.0	596.5	615.0	633.4	670.4	704.4	735.7	765.5
157.5°	528.3	531.2	538.3	556.7	585.1	602.2	619.2	651.9	683.1	714.4	738.5
160°	534.0	535.4	541.1	555.3	575.2	588.0	603.6	633.4	661.8	688.8	711.5
162.5°	539.7	539.7	544.0	552.5	566.7	575.2	586.6	612.1	637.7	661.8	683.1
165°	542.5	542.5	545.4	551.1	559.6	565.3	572.4	589.4	609.3	630.6	650.5
167.5°	545.4	545.4	546.8	549.6	555.3	558.2	561.0	572.4	585.1	600.8	616.4
170°	548.2	546.8	546.8	549.6	551.1	552.5	553.9	559.6	565.3	575.2	583.7
172.5°	548.2	546.8	546.8	548.2	548.2	548.2	548.2	549.6	551.1	556.7	559.6
175°	548.2	546.8	546.8	546.8	546.8	545.4	545.4	545.4	545.4	545.4	546.8
177.5°	548.2	546.8	545.4	545.4	544.0	544.0	542.5	542.5	541.1	541.1	541.1
180°	538.3	538.3	538.3	538.3	538.3	538.3	538.3	538.3	538.3	538.3	538.3



TEST NUMBER: P395458

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

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	400.5	400.5	400.5	400.5	400.5	400.5	400.5	400.5	400.5	400.5
2.5°	401.9	401.9	400.5	400.5	399.1	399.1	397.7	396.2	394.8	394.8
5°	403.3	401.9	400.5	400.5	400.5	399.1	399.1	399.1	397.7	397.7
7.5°	403.3	403.3	403.3	401.9	401.9	401.9	401.9	401.9	400.5	400.5
10°	404.8	404.8	404.8	404.8	404.8	404.8	404.8	403.3	403.3	403.3
12.5°	404.8	404.8	404.8	406.2	406.2	406.2	406.2	406.2	406.2	406.2
15°	406.2	406.2	407.6	407.6	409.0	409.0	410.4	410.4	410.4	409.0
17.5°	404.8	406.2	407.6	409.0	410.4	410.4	411.9	411.9	411.9	411.9
20°	404.8	407.6	409.0	410.4	411.9	411.9	413.3	414.7	414.7	413.3
22.5°	403.3	406.2	407.6	410.4	411.9	411.9	414.7	414.7	414.7	414.7
25°	401.9	404.8	407.6	410.4	411.9	411.9	414.7	414.7	416.1	416.1
27.5°	399.1	401.9	406.2	409.0	410.4	411.9	413.3	414.7	414.7	414.7
30°	394.8	399.1	403.3	406.2	407.6	409.0	410.4	411.9	413.3	413.3
32.5°	389.1	393.4	397.7	401.9	403.3	404.8	407.6	409.0	409.0	409.0
35°	383.5	387.7	392.0	396.2	397.7	399.1	401.9	403.3	404.8	404.8
37.5°	374.9	379.2	383.5	387.7	389.1	392.0	394.8	396.2	396.2	396.2
40°	362.2	369.3	374.9	379.2	380.6	383.5	384.9	387.7	387.7	387.7
42.5°	350.8	356.5	360.7	366.4	367.8	372.1	374.9	376.4	377.8	377.8
45°	338.0	343.7	348.0	352.2	353.6	356.5	359.3	360.7	362.2	363.6
47.5°	325.2	329.5	333.8	338.0	339.4	342.3	345.1	346.5	348.0	348.0
50°	309.6	313.9	318.1	322.4	323.8	326.7	328.1	329.5	330.9	330.9
52.5°	292.6	296.8	301.1	305.4	306.8	308.2	311.0	312.5	313.9	313.9
55°	275.5	279.8	282.6	286.9	288.3	289.7	291.1	294.0	295.4	294.0
57.5°	255.6	259.9	262.7	267.0	268.4	269.8	271.3	272.7	274.1	274.1
60°	234.3	238.6	242.9	245.7	247.1	248.5	250.0	251.4	252.8	252.8
62.5°	213.0	217.3	220.1	224.4	225.8	225.8	227.2	228.7	230.1	230.1
65°	191.7	196.0	197.4	201.7	201.7	203.1	204.5	205.9	205.9	205.9
67.5°	169.0	173.3	174.7	177.5	177.5	178.9	180.4	181.8	181.8	181.8
70°	147.7	149.1	152.0	153.4	154.8	154.8	156.2	157.6	159.1	157.6
72.5°	125.0	126.4	129.2	130.7	130.7	132.1	132.1	133.5	134.9	134.9
75°	102.3	105.1	106.5	107.9	109.4	109.4	110.8	112.2	112.2	112.2
77.5°	81.0	83.8	85.2	86.6	88.1	88.1	89.5	89.5	90.9	89.5
80°	62.5	63.9	65.3	66.8	68.2	68.2	69.6	71.0	71.0	71.0
82.5°	45.4	46.9	49.7	51.1	51.1	51.1	54.0	54.0	55.4	54.0
85°	31.2	32.7	35.5	36.9	38.3	38.3	38.3	39.8	41.2	39.8
87.5°	19.9	22.7	24.1	25.6	25.6	25.6	27.0	28.4	28.4	28.4
90°	11.4	11.4	12.8	14.2	14.2	15.6	15.6	17.0	17.0	17.0
92.5°	11.4	12.8	12.8	12.8	14.2	14.2	14.2	15.6	15.6	15.6
95°	96.6	69.6	39.8	31.2	27.0	27.0	25.6	27.0	25.6	25.6
97.5°	292.6	316.7	328.1	343.7	352.2	350.8	345.1	350.8	346.5	350.8
100°	416.1	438.9	455.9	460.2	468.7	472.9	488.6	499.9	505.6	512.7
102.5°	517.0	544.0	563.8	575.2	583.7	589.4	607.9	624.9	633.4	639.1
105°	609.3	637.7	661.8	673.2	683.1	688.8	708.7	728.6	741.4	748.5
107.5°	683.1	715.8	741.4	758.4	768.3	778.3	802.4	822.3	837.9	845.0
110°	749.9	782.6	809.5	829.4	840.8	850.7	877.7	900.4	917.5	926.0



TEST NUMBER: P395458

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

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	805.3	840.8	867.8	889.1	900.4	914.6	940.2	965.8	982.8	992.7
115°	850.7	887.6	916.1	938.8	951.6	964.3	994.2	1019.7	1036.8	1043.9
117.5°	889.1	926.0	955.8	978.5	992.7	1006.9	1036.8	1059.5	1078.0	1083.6
120°	920.3	957.2	987.1	1012.6	1026.8	1039.6	1068.0	1092.2	1109.2	1113.5
122.5°	941.6	980.0	1011.2	1039.6	1052.4	1065.2	1092.2	1116.3	1131.9	1136.2
125°	957.2	997.0	1028.3	1058.1	1070.9	1083.6	1109.2	1133.3	1146.1	1151.8
127.5°	967.2	1006.9	1041.0	1069.4	1083.6	1095.0	1120.6	1141.9	1154.7	1158.9
130°	970.0	1011.2	1045.3	1075.1	1087.9	1099.3	1123.4	1144.7	1156.1	1158.9
132.5°	970.0	1009.8	1045.3	1073.7	1086.5	1097.8	1120.6	1140.4	1151.8	1154.7
135°	964.3	1002.7	1038.2	1066.6	1079.4	1090.7	1113.5	1130.5	1141.9	1143.3
137.5°	954.4	991.3	1025.4	1053.8	1066.6	1078.0	1097.8	1116.3	1126.2	1129.1
140°	941.6	975.7	1009.8	1036.8	1049.6	1059.5	1079.4	1095.0	1104.9	1107.8
142.5°	924.6	958.7	989.9	1016.9	1026.8	1038.2	1055.2	1070.9	1079.4	1082.2
145°	906.1	938.8	967.2	991.3	1002.7	1012.6	1028.3	1042.5	1051.0	1053.8
147.5°	882.0	914.6	941.6	964.3	974.3	984.2	998.4	1011.2	1019.7	1022.6
150°	852.1	882.0	910.4	931.7	941.6	951.6	965.8	977.1	985.6	987.1
152.5°	822.3	850.7	874.9	896.2	906.1	916.1	928.8	940.2	950.1	950.1
155°	793.9	818.1	840.8	859.2	867.8	876.3	889.1	899.0	907.5	907.5
157.5°	764.1	786.8	805.3	822.3	829.4	836.5	847.9	856.4	863.5	862.1
160°	735.7	752.7	769.8	784.0	791.1	796.8	805.3	812.4	819.5	818.1
162.5°	704.4	720.1	734.3	744.2	749.9	754.1	762.7	769.8	774.0	774.0
165°	668.9	683.1	695.9	705.9	711.5	714.4	721.5	725.7	730.0	730.0
167.5°	632.0	643.4	654.7	663.3	668.9	671.8	678.9	681.7	687.4	686.0
170°	595.1	603.6	612.1	619.2	622.1	624.9	630.6	633.4	636.3	636.3
172.5°	565.3	568.1	572.4	578.0	578.0	579.5	582.3	583.7	585.1	585.1
175°	548.2	549.6	549.6	549.6	549.6	549.6	551.1	549.6	551.1	549.6
177.5°	541.1	541.1	539.7	539.7	538.3	539.7	538.3	536.8	536.8	535.4
180°	538.3	538.3	538.3	538.3	538.3	538.3	538.3	538.3	538.3	538.3

(END OF REPORT)