

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: P395457

Luminaire Tested: **I3-CL-60L92765-1D-UNV-W2A-W-4 (5700K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395457
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 (5700K)
Description: CORELITE I3, CLEAR TOP COVER
6000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 5700K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5244.5 lumens
Efficiency: N/A
Efficacy: 115.5 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

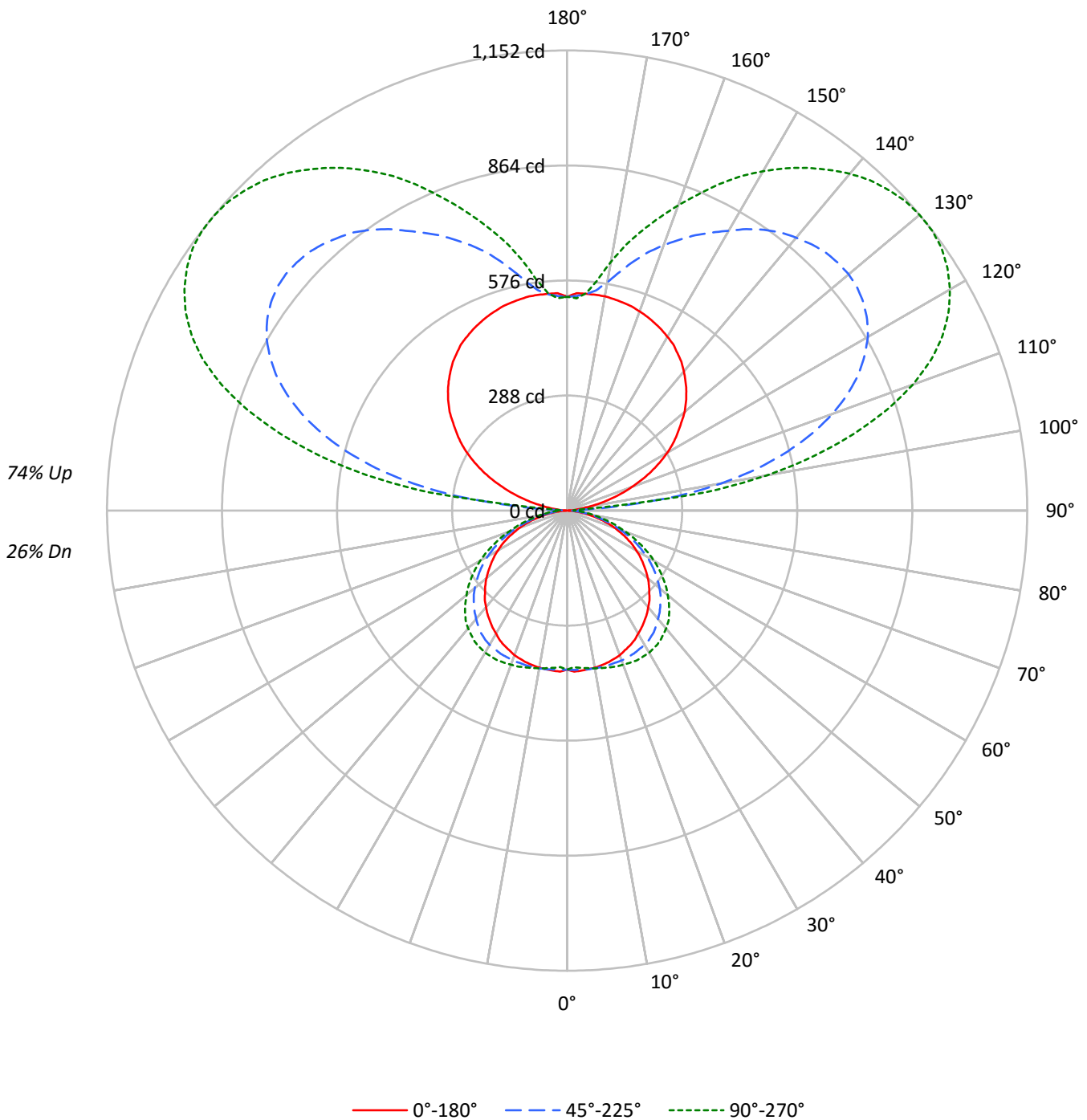
Input Watts (W): 45.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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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	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°	2188	2188	2188
5°	2211	2154	2119
10°	2213	2137	2113
15°	2215	2129	2123
20°	2219	2130	2142
25°	2216	2132	2170
30°	2203	2135	2186
35°	2198	2124	2188
40°	2190	2078	2160
45°	2167	2028	2106
50°	2148	1961	2012
55°	2104	1862	1896
60°	2052	1731	1751
65°	1968	1555	1552
70°	1827	1324	1314
75°	1578	1053	1055
80°	1224	749	773
85°	717	462	518



TEST NUMBER: P395457

CATALOG NUMBER: I3-CL-60L92765-1D-UNV-W2A-W-4 (5700K)

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.1	0.7
10°-20°	113.1	2.2
20°-30°	181.4	3.5
30°-40°	232.0	4.4
40°-50°	252.9	4.8
50°-60°	237.0	4.5
60°-70°	183.9	3.5
70°-80°	105.4	2.0
80°-90°	33.7	0.6
90°-100°	135.3	2.6
100°-110°	525.8	10.0
110°-120°	715.9	13.6
120°-130°	743.1	14.2
130°-140°	659.1	12.6
140°-150°	511.4	9.8
150°-160°	341.3	6.5
160°-170°	181.9	3.5
170°-180°	53.2	1.0
0°-30°	332.6	6.3
0°-40°	564.6	10.8
0°-60°	1054.5	20.1
0°-90°	1377.4	26.3
90°-120°	1376.9	26.3
90°-150°	3290.6	62.7
90°-180°	3867.0	73.7
0°-180°	5244.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	398	398	398	398	398	
5°	402	398	399	398	395	38
15°	394	392	401	406	406	111
25°	373	375	395	409	414	172
35°	337	344	375	395	402	211
45°	291	303	330	351	361	225
55°	233	246	268	286	292	208
65°	165	172	188	200	205	163
75°	86	90	99	109	112	92
85°	17	20	30	38	40	20
90°	1	4	10	14	17	2
95°	17	96	131	27	25	22
105°	112	337	572	679	744	119
115°	233	521	804	946	1037	230
125°	337	614	906	1064	1144	302
135°	422	646	914	1073	1136	325
145°	481	646	858	996	1047	301
155°	518	611	761	862	902	239
165°	539	562	646	707	725	153
175°	545	542	543	546	546	52
180°	535	535	535	535	535	



TEST NUMBER: P395457

CATALOG NUMBER: I3-CL-60L92765-1D-UNV-W2A-W-4 (5700K)

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	398.0	398.0	398.0	398.0	398.0	398.0	398.0	398.0	398.0	398.0	398.0
2.5°	403.6	402.2	402.2	399.4	399.4	398.0	398.0	398.0	398.0	398.0	399.4
5°	402.2	402.2	400.8	399.4	399.4	398.0	398.0	398.0	398.0	398.0	399.4
7.5°	400.8	400.8	399.4	398.0	398.0	398.0	398.0	398.0	398.0	398.0	400.8
10°	399.4	399.4	398.0	396.6	396.6	396.6	396.6	398.0	398.0	398.0	400.8
12.5°	396.6	395.2	395.2	393.7	393.7	393.7	395.2	395.2	396.6	398.0	400.8
15°	393.7	393.7	392.3	390.9	392.3	392.3	392.3	393.7	395.2	396.6	400.8
17.5°	389.5	389.5	388.1	388.1	388.1	389.5	389.5	390.9	393.7	396.6	399.4
20°	385.3	383.9	383.9	383.9	385.3	385.3	386.7	389.5	390.9	395.2	399.4
22.5°	378.2	379.6	378.2	378.2	379.6	381.0	382.5	385.3	388.1	392.3	396.6
25°	372.6	372.6	372.6	372.6	375.4	375.4	378.2	381.0	385.3	389.5	395.2
27.5°	365.5	365.5	365.5	366.9	368.3	369.7	371.2	375.4	379.6	385.3	390.9
30°	355.6	355.6	355.6	355.6	359.9	361.3	364.1	369.7	374.0	381.0	388.1
32.5°	347.2	347.2	347.2	348.6	351.4	352.8	355.6	362.7	368.3	375.4	382.5
35°	337.3	337.3	338.7	338.7	342.9	344.3	347.2	352.8	358.5	366.9	375.4
37.5°	327.4	327.4	328.8	330.2	333.1	335.9	338.7	344.3	350.0	357.0	365.5
40°	316.1	316.1	317.5	318.9	323.2	326.0	328.8	334.5	340.1	347.2	354.2
42.5°	304.8	304.8	306.2	307.7	311.9	314.7	317.5	324.6	330.2	337.3	342.9
45°	290.7	292.1	293.5	296.4	300.6	303.4	306.2	311.9	318.9	324.6	330.2
47.5°	278.0	279.4	280.8	283.7	287.9	290.7	293.5	299.2	304.8	310.5	317.5
50°	263.9	265.3	266.7	269.6	273.8	276.6	279.4	285.1	290.7	295.0	302.0
52.5°	248.4	249.8	251.2	254.0	259.7	261.1	263.9	269.6	273.8	279.4	285.1
55°	232.9	234.3	235.7	238.5	242.7	245.6	247.0	252.6	256.8	262.5	268.1
57.5°	217.3	218.7	220.2	223.0	225.8	228.6	230.0	234.3	239.9	244.1	249.8
60°	200.4	201.8	203.2	204.6	208.9	210.3	211.7	215.9	220.2	225.8	230.0
62.5°	183.5	183.5	184.9	186.3	190.5	191.9	193.3	196.2	201.8	204.6	208.9
65°	165.1	165.1	166.5	167.9	170.8	172.2	173.6	176.4	180.6	183.5	187.7
67.5°	145.4	145.4	146.8	148.2	151.0	152.4	152.4	156.6	159.5	162.3	165.1
70°	127.0	127.0	128.4	128.4	129.8	131.2	132.7	135.5	136.9	141.1	142.5
72.5°	107.3	107.3	107.3	107.3	110.1	110.1	111.5	114.3	115.7	118.5	121.4
75°	86.1	86.1	87.5	87.5	88.9	90.3	91.7	93.1	96.0	97.4	98.8
77.5°	67.7	66.3	67.7	69.2	70.6	70.6	72.0	73.4	74.8	77.6	79.0
80°	48.0	48.0	48.0	49.4	50.8	50.8	52.2	53.6	55.0	57.9	59.3
82.5°	31.0	31.0	32.5	32.5	33.9	35.3	35.3	36.7	38.1	40.9	42.3
85°	16.9	16.9	16.9	18.3	19.8	19.8	21.2	22.6	25.4	26.8	29.6
87.5°	5.6	5.6	7.1	8.5	9.9	9.9	11.3	12.7	14.1	16.9	18.3
90°	1.4	1.4	1.4	2.8	2.8	4.2	4.2	5.6	7.1	8.5	9.9
92.5°	5.6	9.9	15.5	22.6	21.2	22.6	15.5	9.9	9.9	9.9	11.3
95°	16.9	25.4	40.9	64.9	84.7	96.0	105.8	115.7	135.5	136.9	131.2
97.5°	33.9	46.6	74.8	105.8	141.1	159.5	173.6	203.2	234.3	254.0	278.0
100°	56.5	74.8	111.5	153.8	194.8	218.7	241.3	283.7	321.8	355.6	392.3
102.5°	83.3	104.4	149.6	201.8	252.6	279.4	303.4	352.8	405.0	450.2	489.7
105°	111.5	135.5	189.1	248.4	306.2	337.3	366.9	420.6	475.6	525.0	571.6
107.5°	142.5	167.9	225.8	292.1	357.0	392.3	424.8	482.6	540.5	594.1	643.5
110°	172.2	200.4	261.1	333.1	406.4	441.7	474.2	537.7	598.4	654.8	707.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	203.2	232.9	293.5	372.6	447.4	484.1	517.9	585.7	649.2	707.0	759.3
115°	232.9	261.1	324.6	406.4	482.6	520.8	557.4	626.6	692.9	750.8	804.4
117.5°	261.1	287.9	352.8	434.7	513.7	551.8	588.5	660.5	726.8	787.5	839.7
120°	289.3	313.3	383.9	458.7	539.1	577.2	615.3	687.3	755.0	815.7	869.3
122.5°	314.7	337.3	406.4	479.8	558.9	598.4	635.1	708.5	777.6	838.3	890.5
125°	337.3	358.5	427.6	496.8	575.8	613.9	652.0	724.0	793.1	852.4	906.0
127.5°	359.9	381.0	443.1	513.7	587.1	626.6	663.3	735.3	803.0	863.7	915.9
130°	383.9	399.4	458.7	529.2	598.4	635.1	673.2	742.3	808.7	867.9	920.1
132.5°	403.6	417.7	474.2	541.9	606.8	642.1	676.0	745.1	811.5	867.9	918.7
135°	422.0	433.3	485.5	553.2	613.9	646.4	678.8	743.7	808.7	865.1	914.5
137.5°	438.9	450.2	495.4	561.7	619.5	647.8	678.8	739.5	801.6	858.0	904.6
140°	454.4	462.9	503.8	565.9	622.4	649.2	676.0	732.4	790.3	845.3	891.9
142.5°	469.9	477.0	510.9	568.7	623.8	649.2	674.6	724.0	777.6	831.2	877.8
145°	481.2	488.3	516.5	570.1	622.4	646.4	668.9	715.5	763.5	812.9	858.0
147.5°	493.9	499.6	522.2	567.3	618.1	640.7	661.9	704.2	748.0	793.1	835.5
150°	502.4	508.1	525.0	564.5	611.1	632.2	653.4	692.9	732.4	772.0	808.7
152.5°	510.9	515.1	529.2	560.3	602.6	622.4	642.1	680.2	716.9	752.2	784.7
155°	517.9	522.2	532.0	557.4	592.7	611.1	629.4	666.1	700.0	731.0	760.7
157.5°	525.0	527.8	534.9	553.2	581.4	598.4	615.3	647.8	678.8	709.9	733.9
160°	530.6	532.0	537.7	551.8	571.6	584.3	599.8	629.4	657.6	684.5	707.0
162.5°	536.3	536.3	540.5	549.0	563.1	571.6	582.8	608.3	633.7	657.6	678.8
165°	539.1	539.1	541.9	547.6	556.0	561.7	568.7	585.7	605.4	626.6	646.4
167.5°	541.9	541.9	543.3	546.2	551.8	554.6	557.4	568.7	581.4	597.0	612.5
170°	544.7	543.3	543.3	546.2	547.6	549.0	550.4	556.0	561.7	571.6	580.0
172.5°	544.7	543.3	543.3	544.7	544.7	544.7	544.7	546.2	547.6	553.2	556.0
175°	544.7	543.3	543.3	543.3	543.3	541.9	541.9	541.9	541.9	541.9	543.3
177.5°	544.7	543.3	541.9	541.9	540.5	540.5	539.1	539.1	537.7	537.7	537.7
180°	534.9	534.9	534.9	534.9	534.9	534.9	534.9	534.9	534.9	534.9	534.9



TEST NUMBER: P395457

CATALOG NUMBER: I3-CL-60L92765-1D-UNV-W2A-W-4 (5700K)

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	398.0	398.0	398.0	398.0	398.0	398.0	398.0	398.0	398.0	398.0
2.5°	399.4	399.4	398.0	398.0	396.6	396.6	395.2	393.7	392.3	392.3
5°	400.8	399.4	398.0	398.0	398.0	396.6	396.6	396.6	395.2	395.2
7.5°	400.8	400.8	400.8	399.4	399.4	399.4	399.4	399.4	398.0	398.0
10°	402.2	402.2	402.2	402.2	402.2	402.2	402.2	400.8	400.8	400.8
12.5°	402.2	402.2	402.2	403.6	403.6	403.6	403.6	403.6	403.6	403.6
15°	403.6	403.6	405.0	405.0	406.4	406.4	407.9	407.9	407.9	406.4
17.5°	402.2	403.6	405.0	406.4	407.9	407.9	409.3	409.3	409.3	409.3
20°	402.2	405.0	406.4	407.9	409.3	409.3	410.7	412.1	412.1	410.7
22.5°	400.8	403.6	405.0	407.9	409.3	409.3	412.1	412.1	412.1	412.1
25°	399.4	402.2	405.0	407.9	409.3	409.3	412.1	412.1	413.5	413.5
27.5°	396.6	399.4	403.6	406.4	407.9	409.3	410.7	412.1	412.1	412.1
30°	392.3	396.6	400.8	403.6	405.0	406.4	407.9	409.3	410.7	410.7
32.5°	386.7	390.9	395.2	399.4	400.8	402.2	405.0	406.4	406.4	406.4
35°	381.0	385.3	389.5	393.7	395.2	396.6	399.4	400.8	402.2	402.2
37.5°	372.6	376.8	381.0	385.3	386.7	389.5	392.3	393.7	393.7	393.7
40°	359.9	366.9	372.6	376.8	378.2	381.0	382.5	385.3	385.3	385.3
42.5°	348.6	354.2	358.5	364.1	365.5	369.7	372.6	374.0	375.4	375.4
45°	335.9	341.5	345.8	350.0	351.4	354.2	357.0	358.5	359.9	361.3
47.5°	323.2	327.4	331.6	335.9	337.3	340.1	342.9	344.3	345.8	345.8
50°	307.7	311.9	316.1	320.4	321.8	324.6	326.0	327.4	328.8	328.8
52.5°	290.7	295.0	299.2	303.4	304.8	306.2	309.1	310.5	311.9	311.9
55°	273.8	278.0	280.8	285.1	286.5	287.9	289.3	292.1	293.5	292.1
57.5°	254.0	258.3	261.1	265.3	266.7	268.1	269.6	271.0	272.4	272.4
60°	232.9	237.1	241.3	244.1	245.6	247.0	248.4	249.8	251.2	251.2
62.5°	211.7	215.9	218.7	223.0	224.4	224.4	225.8	227.2	228.6	228.6
65°	190.5	194.8	196.2	200.4	200.4	201.8	203.2	204.6	204.6	204.6
67.5°	167.9	172.2	173.6	176.4	176.4	177.8	179.2	180.6	180.6	180.6
70°	146.8	148.2	151.0	152.4	153.8	153.8	155.2	156.6	158.1	156.6
72.5°	124.2	125.6	128.4	129.8	129.8	131.2	131.2	132.7	134.1	134.1
75°	101.6	104.4	105.8	107.3	108.7	108.7	110.1	111.5	111.5	111.5
77.5°	80.4	83.3	84.7	86.1	87.5	87.5	88.9	88.9	90.3	88.9
80°	62.1	63.5	64.9	66.3	67.7	67.7	69.2	70.6	70.6	70.6
82.5°	45.2	46.6	49.4	50.8	50.8	50.8	53.6	53.6	55.0	53.6
85°	31.0	32.5	35.3	36.7	38.1	38.1	38.1	39.5	40.9	39.5
87.5°	19.8	22.6	24.0	25.4	25.4	25.4	26.8	28.2	28.2	28.2
90°	11.3	11.3	12.7	14.1	14.1	15.5	15.5	16.9	16.9	16.9
92.5°	11.3	12.7	12.7	12.7	14.1	14.1	14.1	15.5	15.5	15.5
95°	96.0	69.2	39.5	31.0	26.8	26.8	25.4	26.8	25.4	25.4
97.5°	290.7	314.7	326.0	341.5	350.0	348.6	342.9	348.6	344.3	348.6
100°	413.5	436.1	453.0	457.2	465.7	469.9	485.5	496.8	502.4	509.5
102.5°	513.7	540.5	560.3	571.6	580.0	585.7	604.0	621.0	629.4	635.1
105°	605.4	633.7	657.6	668.9	678.8	684.5	704.2	724.0	736.7	743.7
107.5°	678.8	711.3	736.7	753.6	763.5	773.4	797.4	817.1	832.6	839.7
110°	745.1	777.6	804.4	824.2	835.5	845.3	872.2	894.7	911.7	920.1



TEST NUMBER: P395457

CATALOG NUMBER: I3-CL-60L92765-1D-UNV-W2A-W-4 (5700K)

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	800.2	835.5	862.3	883.4	894.7	908.8	934.3	959.7	976.6	986.5
115°	845.3	882.0	910.3	932.8	945.5	958.2	987.9	1013.3	1030.2	1037.3
117.5°	883.4	920.1	949.8	972.4	986.5	1000.6	1030.2	1052.8	1071.1	1076.8
120°	914.5	951.2	980.8	1006.2	1020.3	1033.0	1061.3	1085.3	1102.2	1106.4
122.5°	935.7	973.8	1004.8	1033.0	1045.7	1058.4	1085.3	1109.2	1124.8	1129.0
125°	951.2	990.7	1021.8	1051.4	1064.1	1076.8	1102.2	1126.2	1138.9	1144.5
127.5°	961.1	1000.6	1034.5	1062.7	1076.8	1088.1	1113.5	1134.7	1147.4	1151.6
130°	963.9	1004.8	1038.7	1068.3	1081.0	1092.3	1116.3	1137.5	1148.8	1151.6
132.5°	963.9	1003.4	1038.7	1066.9	1079.6	1090.9	1113.5	1133.2	1144.5	1147.4
135°	958.2	996.3	1031.6	1059.9	1072.6	1083.8	1106.4	1123.4	1134.7	1136.1
137.5°	948.4	985.1	1018.9	1047.2	1059.9	1071.1	1090.9	1109.2	1119.1	1121.9
140°	935.7	969.5	1003.4	1030.2	1042.9	1052.8	1072.6	1088.1	1098.0	1100.8
142.5°	918.7	952.6	983.6	1010.5	1020.3	1031.6	1048.6	1064.1	1072.6	1075.4
145°	900.4	932.8	961.1	985.1	996.3	1006.2	1021.8	1035.9	1044.3	1047.2
147.5°	876.4	908.8	935.7	958.2	968.1	978.0	992.1	1004.8	1013.3	1016.1
150°	846.8	876.4	904.6	925.8	935.7	945.5	959.7	970.9	979.4	980.8
152.5°	817.1	845.3	869.3	890.5	900.4	910.3	923.0	934.3	944.1	944.1
155°	788.9	812.9	835.5	853.8	862.3	870.7	883.4	893.3	901.8	901.8
157.5°	759.3	781.8	800.2	817.1	824.2	831.2	842.5	851.0	858.0	856.6
160°	731.0	748.0	764.9	779.0	786.1	791.7	800.2	807.2	814.3	812.9
162.5°	700.0	715.5	729.6	739.5	745.1	749.4	757.8	764.9	769.1	769.1
165°	664.7	678.8	691.5	701.4	707.0	709.9	716.9	721.2	725.4	725.4
167.5°	628.0	639.3	650.6	659.1	664.7	667.5	674.6	677.4	683.0	681.6
170°	591.3	599.8	608.3	615.3	618.1	621.0	626.6	629.4	632.2	632.2
172.5°	561.7	564.5	568.7	574.4	574.4	575.8	578.6	580.0	581.4	581.4
175°	544.7	546.2	546.2	546.2	546.2	546.2	547.6	546.2	547.6	546.2
177.5°	537.7	537.7	536.3	536.3	534.9	536.3	534.9	533.5	533.5	532.0
180°	534.9	534.9	534.9	534.9	534.9	534.9	534.9	534.9	534.9	534.9

(END OF REPORT)