

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: P395768

Luminaire Tested: **I3-UL-60L92765-1D-UNV-W2A-W-4 (5000K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395768
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 (5000K)
Description: CORELITE I3, OPEN TOP
6000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 5000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5611.1 lumens
Efficiency: N/A
Efficacy: 124.4 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

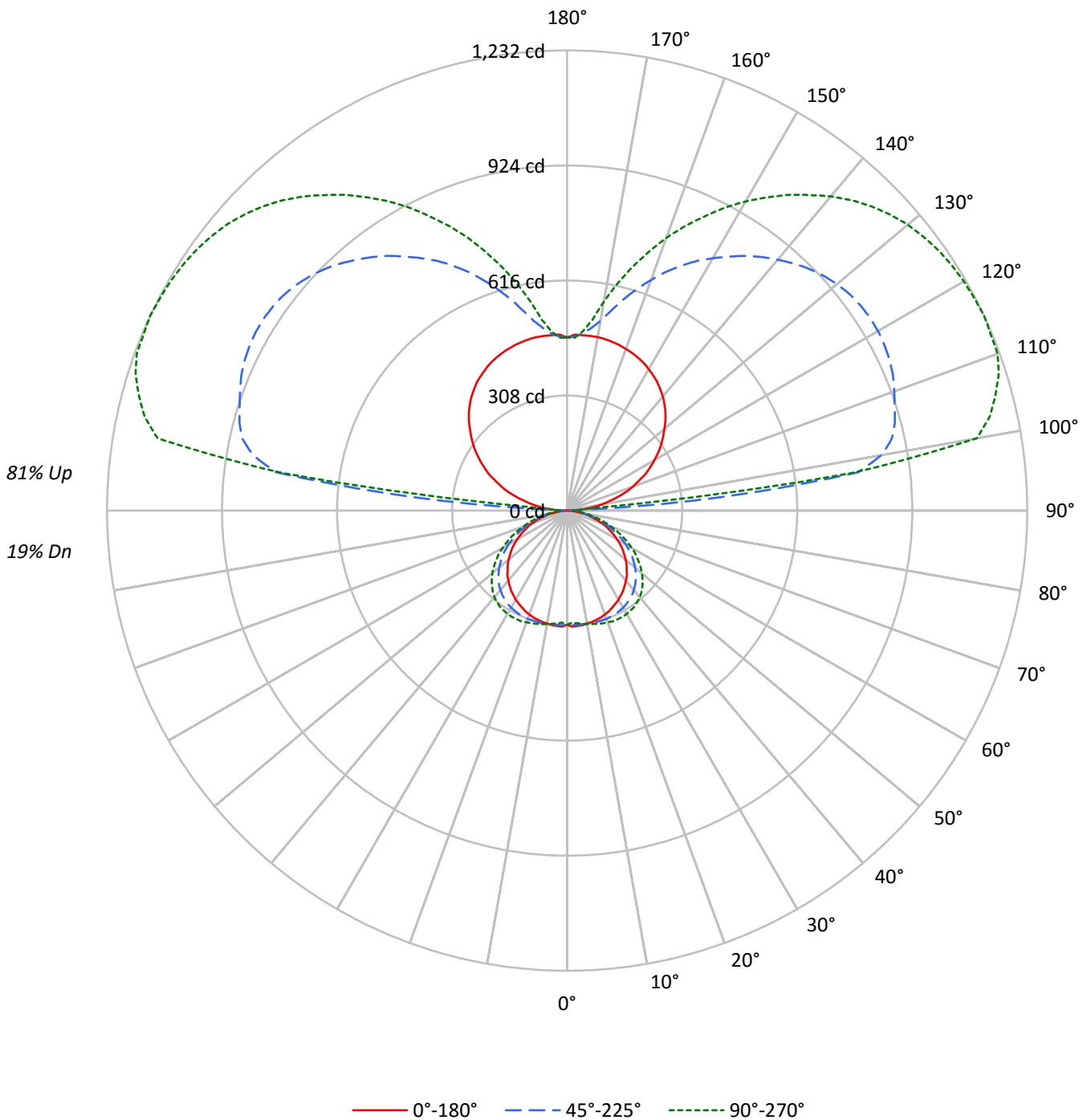
Input Watts (W): 45.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (5000K)

Luminous Intensity Polar Plot





TEST NUMBER: P395768

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (5000K)

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	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°	1680	1680	1680
5°	1703	1655	1623
10°	1701	1644	1626
15°	1704	1638	1640
20°	1704	1645	1659
25°	1702	1649	1684
30°	1705	1651	1700
35°	1703	1643	1708
40°	1696	1631	1698
45°	1681	1597	1661
50°	1666	1544	1600
55°	1637	1470	1508
60°	1586	1364	1388
65°	1516	1214	1238
70°	1433	1053	1044
75°	1243	825	838
80°	987	593	606
85°	586	345	399



TEST NUMBER: P395768

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (5000K)

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.3	0.5
10°-20°	87.2	1.6
20°-30°	140.3	2.5
30°-40°	180.5	3.2
40°-50°	198.3	3.5
50°-60°	186.4	3.3
60°-70°	144.8	2.6
70°-80°	83.1	1.5
80°-90°	26.6	0.5
90°-100°	358.7	6.4
100°-110°	852.4	15.2
110°-120°	856.3	15.3
120°-130°	785.2	14.0
130°-140°	656.6	11.7
140°-150°	492.8	8.8
150°-160°	320.8	5.7
160°-170°	165.2	2.9
170°-180°	46.7	0.8
0°-30°	256.7	4.6
0°-40°	437.2	7.8
0°-60°	821.9	14.6
0°-90°	1076.3	19.2
90°-120°	2067.3	36.8
90°-150°	4002.0	71.3
90°-180°	4535.0	80.8
0°-180°	5611.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	306	306	306	306	306	
5°	310	307	307	306	303	30
15°	303	302	308	312	314	86
25°	286	289	306	317	321	132
35°	261	268	290	308	314	163
45°	225	236	260	279	285	174
55°	181	191	212	227	232	161
65°	127	134	147	159	163	126
75°	68	70	77	86	88	72
85°	14	17	22	29	30	16
90°	1	4	8	12	14	4
95°	48	401	412	55	47	48
105°	140	538	908	1120	1186	148
115°	231	606	953	1159	1232	227
125°	307	632	958	1148	1214	274
135°	372	629	915	1088	1152	287
145°	420	603	832	978	1032	263
155°	451	553	723	828	868	208
165°	467	499	586	650	675	132
175°	472	470	476	481	481	45
180°	463	463	463	463	463	



TEST NUMBER: P395768

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (5000K)

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6
2.5°	311.1	309.8	308.4	308.4	307.0	307.0	307.0	305.6	305.6	305.6	307.0
5°	309.8	309.8	308.4	307.0	307.0	307.0	305.6	305.6	305.6	305.6	307.0
7.5°	309.8	308.4	307.0	307.0	305.6	305.6	305.6	305.6	305.6	305.6	307.0
10°	307.0	307.0	305.6	305.6	304.2	305.6	305.6	305.6	305.6	305.6	308.4
12.5°	305.6	305.6	304.2	302.8	302.8	302.8	304.2	304.2	304.2	305.6	308.4
15°	302.8	302.8	301.5	301.5	301.5	301.5	302.8	302.8	304.2	305.6	308.4
17.5°	300.1	300.1	298.7	298.7	298.7	300.1	300.1	301.5	302.8	305.6	308.4
20°	295.9	295.9	295.9	295.9	295.9	297.3	297.3	298.7	301.5	304.2	308.4
22.5°	291.8	291.8	291.8	291.8	291.8	293.2	294.5	297.3	298.7	302.8	307.0
25°	286.2	286.2	286.2	286.2	287.6	289.0	290.4	293.2	295.9	300.1	305.6
27.5°	280.7	282.1	282.1	282.1	283.5	284.9	286.2	289.0	293.2	298.7	302.8
30°	275.2	275.2	275.2	276.6	278.0	279.3	282.1	284.9	289.0	294.5	300.1
32.5°	268.3	268.3	269.7	269.7	272.4	273.8	276.6	280.7	284.9	290.4	295.9
35°	261.4	261.4	261.4	264.1	265.5	268.3	269.7	273.8	279.3	284.9	290.4
37.5°	253.1	254.4	254.4	255.8	258.6	261.4	262.7	268.3	273.8	279.3	284.9
40°	244.8	246.1	246.1	247.5	251.7	253.1	255.8	261.4	265.5	272.4	278.0
42.5°	236.5	236.5	237.8	239.2	243.4	244.8	247.5	253.1	258.6	264.1	269.7
45°	225.4	226.8	228.2	229.6	233.7	236.5	239.2	243.4	248.9	254.4	260.0
47.5°	215.7	215.7	217.1	219.9	224.0	226.8	228.2	233.7	237.8	243.4	248.9
50°	204.7	206.0	206.0	208.8	213.0	215.7	217.1	222.6	226.8	232.3	237.8
52.5°	192.2	193.6	195.0	197.7	201.9	204.7	206.0	210.2	214.3	219.9	224.0
55°	181.2	182.5	182.5	185.3	189.4	190.8	193.6	196.4	201.9	206.0	211.6
57.5°	168.7	170.1	170.1	172.9	175.6	178.4	179.8	183.9	188.1	192.2	196.4
60°	154.9	156.3	157.6	159.0	161.8	164.6	165.9	168.7	172.9	177.0	181.2
62.5°	141.0	142.4	143.8	145.2	148.0	149.3	150.7	154.9	157.6	161.8	164.6
65°	127.2	128.6	130.0	131.4	132.8	134.1	135.5	138.3	141.0	145.2	146.6
67.5°	113.4	114.8	114.8	116.2	117.5	118.9	120.3	123.1	124.5	128.6	130.0
70°	99.6	99.6	99.6	100.9	100.9	102.3	103.7	106.5	107.9	110.6	113.4
72.5°	83.0	84.4	84.4	84.4	85.7	87.1	88.5	89.9	91.3	92.7	95.4
75°	67.8	69.1	67.8	69.1	70.5	70.5	71.9	73.3	74.7	76.1	77.4
77.5°	53.9	52.5	53.9	53.9	55.3	55.3	55.3	56.7	59.5	59.5	62.2
80°	38.7	38.7	38.7	38.7	40.1	40.1	41.5	41.5	44.3	45.6	47.0
82.5°	24.9	24.9	26.3	26.3	26.3	27.7	27.7	29.0	30.4	31.8	33.2
85°	13.8	13.8	13.8	15.2	15.2	16.6	16.6	18.0	19.4	20.7	22.1
87.5°	4.1	5.5	6.9	6.9	8.3	8.3	9.7	9.7	12.4	13.8	15.2
90°	1.4	1.4	2.8	2.8	2.8	4.1	4.1	5.5	5.5	6.9	8.3
92.5°	23.5	55.3	114.8	171.5	148.0	138.3	83.0	24.9	22.1	23.5	23.5
95°	48.4	91.3	167.3	271.0	351.2	401.0	434.2	497.8	562.8	551.8	412.1
97.5°	70.5	117.5	201.9	297.3	407.9	464.6	507.5	583.6	666.5	735.7	785.5
100°	92.7	141.0	230.9	330.5	432.8	484.0	533.8	637.5	719.1	788.2	854.6
102.5°	116.2	164.6	257.2	360.9	461.9	511.7	560.1	651.3	742.6	825.6	890.6
105°	139.7	189.4	280.7	387.2	488.1	537.9	584.9	672.1	756.4	833.9	908.5
107.5°	164.6	211.6	301.5	407.9	508.9	558.7	605.7	692.8	774.4	851.8	919.6
110°	186.7	232.3	322.2	427.3	528.2	578.0	625.0	712.2	792.4	865.7	932.0



TEST NUMBER: P395768

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (5000K)

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	207.4	251.7	341.6	443.9	543.5	593.2	638.9	726.0	806.2	878.1	944.5
115°	230.9	269.7	360.9	459.1	557.3	605.7	651.3	737.1	817.3	887.8	952.8
117.5°	250.3	287.6	377.5	471.5	568.3	615.4	659.6	745.4	824.2	894.7	958.3
120°	269.7	304.2	392.7	482.6	576.6	622.3	666.5	750.9	829.7	898.8	961.1
122.5°	289.0	320.8	405.2	493.7	583.6	629.2	672.1	755.0	832.5	900.2	961.1
125°	307.0	334.6	416.2	502.0	587.7	632.0	673.4	755.0	831.1	897.5	958.3
127.5°	323.6	349.9	424.5	510.3	590.5	633.3	673.4	752.3	828.3	893.3	952.8
130°	340.2	363.7	432.8	514.4	593.2	632.0	670.7	746.7	821.4	886.4	943.1
132.5°	356.8	378.9	439.7	518.6	594.6	632.0	667.9	741.2	813.1	876.7	930.7
135°	372.0	390.0	446.7	521.3	593.2	629.2	662.4	731.5	800.7	862.9	915.4
137.5°	385.8	401.0	452.2	522.7	591.9	625.0	658.2	720.5	785.5	846.3	897.5
140°	398.3	412.1	455.0	522.7	586.3	619.5	649.9	709.4	768.9	826.9	876.7
142.5°	409.3	421.8	459.1	519.9	580.8	612.6	641.6	698.3	752.3	807.6	856.0
145°	420.4	430.1	461.9	518.6	573.9	602.9	630.6	684.5	737.1	786.8	832.5
147.5°	428.7	438.4	464.6	513.0	565.6	591.9	618.1	669.3	717.7	764.7	806.2
150°	437.0	445.3	466.0	507.5	555.9	579.4	602.9	651.3	698.3	741.2	779.9
152.5°	445.3	450.8	470.2	502.0	544.8	567.0	590.5	633.3	676.2	716.3	753.6
155°	450.8	455.0	471.5	496.4	533.8	553.1	572.5	612.6	651.3	688.7	723.2
157.5°	456.3	460.5	472.9	492.3	521.3	539.3	555.9	590.5	626.4	659.6	691.4
160°	460.5	463.3	472.9	489.5	510.3	522.7	537.9	569.7	600.2	629.2	656.9
162.5°	464.6	466.0	472.9	485.4	500.6	508.9	519.9	544.8	572.5	597.4	622.3
165°	467.4	468.8	472.9	482.6	492.3	499.2	504.7	522.7	543.5	565.6	586.3
167.5°	470.2	470.2	472.9	479.8	485.4	489.5	493.7	503.4	517.2	533.8	549.0
170°	471.5	471.5	472.9	477.1	481.2	482.6	485.4	490.9	497.8	506.1	515.8
172.5°	471.5	471.5	471.5	474.3	475.7	475.7	475.7	478.5	482.6	488.1	492.3
175°	471.5	470.2	470.2	471.5	470.2	470.2	470.2	470.2	471.5	474.3	475.7
177.5°	471.5	470.2	468.8	468.8	467.4	467.4	466.0	466.0	466.0	466.0	466.0
180°	463.3	463.3	463.3	463.3	463.3	463.3	463.3	463.3	463.3	463.3	463.3



TEST NUMBER: P395768

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (5000K)

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6
2.5°	307.0	307.0	305.6	304.2	304.2	304.2	302.8	301.5	300.1	300.1
5°	307.0	307.0	305.6	305.6	305.6	305.6	304.2	304.2	302.8	302.8
7.5°	308.4	307.0	307.0	307.0	307.0	307.0	307.0	307.0	305.6	305.6
10°	308.4	308.4	308.4	308.4	308.4	308.4	308.4	308.4	308.4	308.4
12.5°	309.8	309.8	309.8	309.8	311.1	311.1	311.1	311.1	311.1	311.1
15°	309.8	311.1	312.5	312.5	312.5	313.9	313.9	313.9	313.9	313.9
17.5°	311.1	312.5	313.9	313.9	315.3	315.3	316.7	316.7	316.7	316.7
20°	311.1	312.5	313.9	315.3	316.7	316.7	318.1	319.4	319.4	318.1
22.5°	309.8	312.5	313.9	315.3	316.7	318.1	319.4	320.8	320.8	320.8
25°	308.4	311.1	313.9	316.7	316.7	318.1	320.8	320.8	320.8	320.8
27.5°	307.0	309.8	312.5	315.3	316.7	318.1	319.4	320.8	320.8	320.8
30°	304.2	308.4	311.1	313.9	315.3	316.7	318.1	319.4	319.4	319.4
32.5°	300.1	304.2	307.0	311.1	312.5	313.9	315.3	316.7	316.7	316.7
35°	295.9	300.1	302.8	307.0	308.4	309.8	312.5	312.5	313.9	313.9
37.5°	289.0	294.5	297.3	301.5	302.8	304.2	307.0	308.4	308.4	308.4
40°	282.1	287.6	290.4	294.5	295.9	297.3	300.1	301.5	302.8	302.8
42.5°	273.8	279.3	282.1	286.2	287.6	289.0	291.8	293.2	294.5	294.5
45°	265.5	269.7	272.4	276.6	279.3	279.3	282.1	283.5	284.9	284.9
47.5°	254.4	258.6	261.4	265.5	268.3	269.7	271.0	272.4	273.8	273.8
50°	242.0	246.1	250.3	253.1	255.8	255.8	258.6	260.0	261.4	261.4
52.5°	229.6	232.3	236.5	240.6	242.0	243.4	244.8	246.1	247.5	247.5
55°	215.7	218.5	222.6	225.4	226.8	228.2	229.6	230.9	232.3	232.3
57.5°	200.5	203.3	207.4	210.2	211.6	213.0	214.3	215.7	217.1	217.1
60°	183.9	186.7	190.8	193.6	195.0	195.0	197.7	199.1	199.1	199.1
62.5°	167.3	170.1	172.9	175.6	177.0	178.4	179.8	181.2	181.2	181.2
65°	150.7	153.5	156.3	157.6	159.0	159.0	160.4	161.8	163.2	163.2
67.5°	132.8	135.5	138.3	139.7	141.0	141.0	142.4	143.8	143.8	143.8
70°	114.8	116.2	118.9	120.3	121.7	121.7	124.5	124.5	124.5	124.5
72.5°	96.8	98.2	100.9	102.3	103.7	103.7	105.1	106.5	106.5	106.5
75°	80.2	81.6	83.0	85.7	85.7	85.7	87.1	88.5	88.5	88.5
77.5°	63.6	65.0	66.4	67.8	69.1	69.1	70.5	71.9	71.9	71.9
80°	48.4	49.8	51.2	52.5	52.5	53.9	53.9	55.3	55.3	55.3
82.5°	34.6	36.0	37.3	38.7	40.1	40.1	41.5	42.9	42.9	41.5
85°	23.5	26.3	27.7	29.0	29.0	29.0	30.4	31.8	31.8	30.4
87.5°	16.6	16.6	18.0	19.4	19.4	20.7	20.7	22.1	22.1	22.1
90°	9.7	9.7	11.1	11.1	12.4	12.4	12.4	13.8	13.8	13.8
92.5°	23.5	23.5	24.9	24.9	24.9	24.9	26.3	26.3	26.3	26.3
95°	251.7	113.4	95.4	58.1	55.3	48.4	47.0	48.4	48.4	47.0
97.5°	844.9	904.4	941.7	959.7	937.6	914.1	887.8	883.6	847.7	767.5
100°	911.3	958.3	1003.9	1035.7	1048.2	1059.3	1084.1	1099.4	1106.3	1113.2
102.5°	944.5	994.3	1034.4	1074.5	1091.1	1106.3	1128.4	1146.4	1153.3	1158.8
105°	973.5	1024.7	1068.9	1104.9	1120.1	1133.9	1156.1	1172.7	1185.1	1186.5
107.5°	980.4	1034.4	1084.1	1128.4	1146.4	1161.6	1187.9	1200.3	1211.4	1211.4
110°	992.9	1044.0	1089.7	1129.8	1147.8	1165.7	1193.4	1212.8	1223.8	1226.6



TEST NUMBER: P395768

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (5000K)

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	1002.6	1055.1	1098.0	1138.1	1153.3	1169.9	1196.2	1214.1	1223.8	1228.0
115°	1010.9	1062.0	1104.9	1142.2	1158.8	1175.4	1201.7	1216.9	1228.0	1232.1
117.5°	1016.4	1066.2	1109.0	1143.6	1161.6	1175.4	1200.3	1216.9	1228.0	1229.3
120°	1017.8	1067.6	1109.0	1143.6	1158.8	1174.0	1198.9	1215.5	1226.6	1226.6
122.5°	1017.8	1066.2	1107.7	1140.8	1154.7	1168.5	1192.0	1211.4	1221.1	1221.1
125°	1012.2	1060.6	1100.7	1133.9	1147.8	1160.2	1185.1	1203.1	1212.8	1214.1
127.5°	1003.9	1051.0	1091.1	1124.3	1138.1	1149.1	1175.4	1192.0	1201.7	1203.1
130°	992.9	1039.9	1078.6	1110.4	1124.3	1136.7	1158.8	1176.8	1187.9	1190.6
132.5°	980.4	1024.7	1063.4	1093.8	1107.7	1118.7	1140.8	1158.8	1168.5	1172.7
135°	965.2	1006.7	1044.0	1074.5	1088.3	1099.4	1120.1	1138.1	1147.8	1151.9
137.5°	945.9	986.0	1021.9	1052.3	1064.8	1075.9	1096.6	1113.2	1121.5	1127.0
140°	923.7	961.1	998.4	1026.1	1038.5	1049.6	1067.6	1085.5	1093.8	1098.0
142.5°	900.2	937.6	970.8	998.4	1009.5	1020.5	1038.5	1055.1	1063.4	1064.8
145°	875.3	911.3	941.7	968.0	977.7	988.7	1005.3	1021.9	1030.2	1031.6
147.5°	847.7	880.9	909.9	934.8	945.9	954.2	969.4	984.6	992.9	994.3
150°	815.9	846.3	872.6	897.5	907.1	915.4	932.0	945.9	954.2	955.5
152.5°	785.5	814.5	836.6	858.7	868.4	876.7	890.6	904.4	912.7	914.1
155°	753.6	779.9	802.0	820.0	828.3	836.6	847.7	860.1	867.0	868.4
157.5°	720.5	745.4	764.7	781.3	789.6	796.5	806.2	817.3	821.4	824.2
160°	684.5	705.2	721.8	738.4	745.4	752.3	761.9	770.2	775.8	777.2
162.5°	645.8	663.8	677.6	692.8	697.0	702.5	712.2	720.5	724.6	726.0
165°	605.7	622.3	634.7	647.2	649.9	654.1	661.0	669.3	672.1	674.8
167.5°	565.6	579.4	587.7	598.8	602.9	605.7	612.6	618.1	620.9	622.3
170°	526.9	536.5	543.5	551.8	553.1	557.3	561.4	567.0	568.3	568.3
172.5°	496.4	500.6	504.7	507.5	508.9	510.3	513.0	514.4	514.4	514.4
175°	477.1	479.8	479.8	481.2	481.2	481.2	481.2	481.2	481.2	481.2
177.5°	466.0	466.0	466.0	464.6	464.6	464.6	464.6	463.3	463.3	463.3
180°	463.3	463.3	463.3	463.3	463.3	463.3	463.3	463.3	463.3	463.3

(END OF REPORT)