

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: P395763

Luminaire Tested: **I3-UL-60L92765-1D-UNV-W2A-W-4 (2700K)**

Issue Date: 5/6/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P395763  
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 (2700K)  
Description: CORELITE I3, OPEN TOP  
6000 LUMENS, VIVIDTUNE TUNABLE WHITE  
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 2700K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4760.9 lumens  
Efficiency: N/A  
Efficacy: 108.2 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

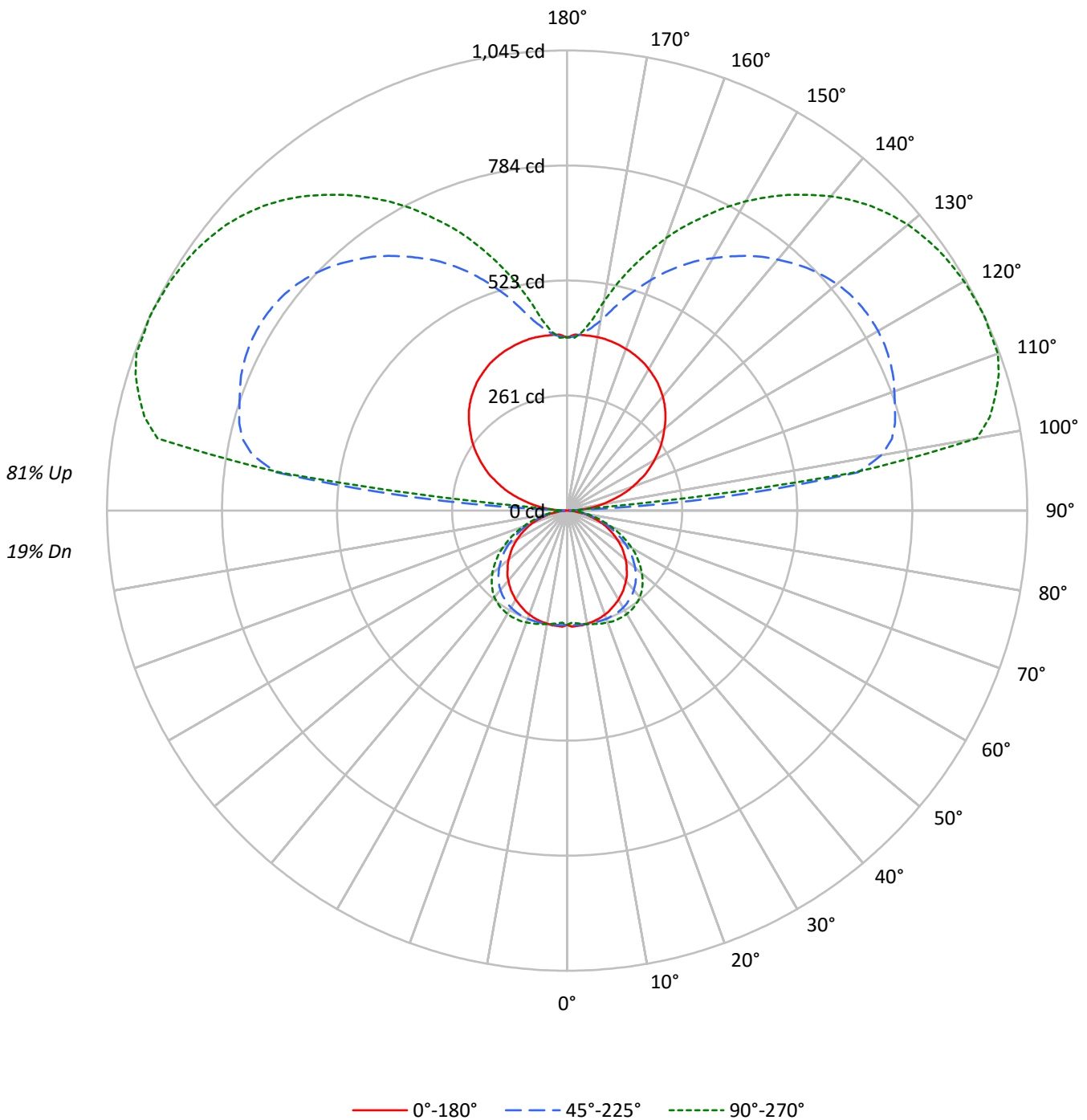
Input Watts (W): 44  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P395763

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (2700K)

### Luminous Intensity Polar Plot





TEST NUMBER: P395763

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (2700K)

**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°	1425	1425	1425
5°	1445	1405	1378
10°	1443	1395	1380
15°	1446	1390	1391
20°	1446	1396	1408
25°	1444	1399	1429
30°	1446	1401	1442
35°	1445	1394	1449
40°	1439	1383	1441
45°	1426	1355	1409
50°	1414	1310	1357
55°	1388	1247	1280
60°	1345	1157	1178
65°	1286	1031	1050
70°	1216	894	886
75°	1054	700	711
80°	839	504	514
85°	496	294	338



TEST NUMBER: P395763

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (2700K)

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	24.8	0.5
10°-20°	74.0	1.6
20°-30°	119.0	2.5
30°-40°	153.2	3.2
40°-50°	168.2	3.5
50°-60°	158.1	3.3
60°-70°	122.8	2.6
70°-80°	70.5	1.5
80°-90°	22.6	0.5
90°-100°	304.3	6.4
100°-110°	723.2	15.2
110°-120°	726.5	15.3
120°-130°	666.3	14.0
130°-140°	557.1	11.7
140°-150°	418.1	8.8
150°-160°	272.2	5.7
160°-170°	140.2	2.9
170°-180°	39.7	0.8
0°-30°	217.8	4.6
0°-40°	371.0	7.8
0°-60°	697.3	14.6
0°-90°	913.3	19.2
90°-120°	1754.1	36.8
90°-150°	3395.6	71.3
90°-180°	3848.0	80.8
0°-180°	4760.9	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	259	259	259	259	259	
5°	263	260	260	259	257	25
15°	257	256	262	265	266	73
25°	243	245	259	269	272	112
35°	222	228	246	262	266	139
45°	191	201	221	237	242	148
55°	154	162	180	192	197	137
65°	108	114	124	135	138	107
75°	58	60	66	73	75	61
85°	12	14	19	25	26	14
90°	1	4	7	11	12	4
95°	41	340	350	47	40	41
105°	118	456	771	950	1007	125
115°	196	514	808	983	1045	193
125°	260	536	813	974	1030	233
135°	316	534	777	923	977	243
145°	357	512	706	830	875	223
155°	382	469	614	703	737	177
165°	397	424	498	552	573	112
175°	400	399	404	408	408	38
180°	393	393	393	393	393	



TEST NUMBER: P395763

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (2700K)

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	259.3	259.3	259.3	259.3	259.3	259.3	259.3	259.3	259.3	259.3	259.3
2.5°	264.0	262.8	261.7	261.7	260.5	260.5	260.5	259.3	259.3	259.3	260.5
5°	262.8	262.8	261.7	260.5	260.5	260.5	259.3	259.3	259.3	259.3	260.5
7.5°	262.8	261.7	260.5	260.5	259.3	259.3	259.3	259.3	259.3	259.3	260.5
10°	260.5	260.5	259.3	259.3	258.1	259.3	259.3	259.3	259.3	259.3	261.7
12.5°	259.3	259.3	258.1	257.0	257.0	257.0	258.1	258.1	258.1	259.3	261.7
15°	257.0	257.0	255.8	255.8	255.8	255.8	257.0	257.0	258.1	259.3	261.7
17.5°	254.6	254.6	253.4	253.4	253.4	254.6	254.6	255.8	257.0	259.3	261.7
20°	251.1	251.1	251.1	251.1	251.1	252.3	252.3	253.4	255.8	258.1	261.7
22.5°	247.6	247.6	247.6	247.6	247.6	248.7	249.9	252.3	253.4	257.0	260.5
25°	242.9	242.9	242.9	242.9	244.1	245.2	246.4	248.7	251.1	254.6	259.3
27.5°	238.2	239.4	239.4	239.4	240.5	241.7	242.9	245.2	248.7	253.4	257.0
30°	233.5	233.5	233.5	234.7	235.8	237.0	239.4	241.7	245.2	249.9	254.6
32.5°	227.6	227.6	228.8	228.8	231.1	232.3	234.7	238.2	241.7	246.4	251.1
35°	221.8	221.8	221.8	224.1	225.3	227.6	228.8	232.3	237.0	241.7	246.4
37.5°	214.7	215.9	215.9	217.1	219.4	221.8	222.9	227.6	232.3	237.0	241.7
40°	207.7	208.9	208.9	210.0	213.5	214.7	217.1	221.8	225.3	231.1	235.8
42.5°	200.6	200.6	201.8	203.0	206.5	207.7	210.0	214.7	219.4	224.1	228.8
45°	191.3	192.4	193.6	194.8	198.3	200.6	203.0	206.5	211.2	215.9	220.6
47.5°	183.0	183.0	184.2	186.6	190.1	192.4	193.6	198.3	201.8	206.5	211.2
50°	173.7	174.8	174.8	177.2	180.7	183.0	184.2	188.9	192.4	197.1	201.8
52.5°	163.1	164.3	165.4	167.8	171.3	173.7	174.8	178.3	181.9	186.6	190.1
55°	153.7	154.9	154.9	157.2	160.7	161.9	164.3	166.6	171.3	174.8	179.5
57.5°	143.1	144.3	144.3	146.7	149.0	151.4	152.5	156.1	159.6	163.1	166.6
60°	131.4	132.6	133.8	134.9	137.3	139.6	140.8	143.1	146.7	150.2	153.7
62.5°	119.7	120.9	122.0	123.2	125.5	126.7	127.9	131.4	133.8	137.3	139.6
65°	107.9	109.1	110.3	111.5	112.6	113.8	115.0	117.3	119.7	123.2	124.4
67.5°	96.2	97.4	97.4	98.6	99.7	100.9	102.1	104.4	105.6	109.1	110.3
70°	84.5	84.5	84.5	85.7	85.7	86.8	88.0	90.3	91.5	93.9	96.2
72.5°	70.4	71.6	71.6	71.6	72.7	73.9	75.1	76.3	77.4	78.6	81.0
75°	57.5	58.7	57.5	58.7	59.8	59.8	61.0	62.2	63.4	64.5	65.7
77.5°	45.8	44.6	45.8	45.8	46.9	46.9	46.9	48.1	50.5	50.5	52.8
80°	32.9	32.9	32.9	32.9	34.0	34.0	35.2	35.2	37.5	38.7	39.9
82.5°	21.1	21.1	22.3	22.3	22.3	23.5	23.5	24.6	25.8	27.0	28.2
85°	11.7	11.7	11.7	12.9	12.9	14.1	14.1	15.3	16.4	17.6	18.8
87.5°	3.5	4.7	5.9	5.9	7.0	7.0	8.2	8.2	10.6	11.7	12.9
90°	1.2	1.2	2.3	2.3	2.3	3.5	3.5	4.7	4.7	5.9	7.0
92.5°	19.9	46.9	97.4	145.5	125.5	117.3	70.4	21.1	18.8	19.9	19.9
95°	41.1	77.4	142.0	230.0	298.0	340.3	368.4	422.4	477.5	468.2	349.6
97.5°	59.8	99.7	171.3	252.3	346.1	394.2	430.6	495.1	565.5	624.2	666.4
100°	78.6	119.7	195.9	280.4	367.2	410.7	452.9	540.9	610.1	668.8	725.1
102.5°	98.6	139.6	218.2	306.2	391.9	434.1	475.2	552.6	630.1	700.5	755.6
105°	118.5	160.7	238.2	328.5	414.2	456.4	496.3	570.2	641.8	707.5	770.9
107.5°	139.6	179.5	255.8	346.1	431.8	474.0	513.9	587.8	657.1	722.8	780.3
110°	158.4	197.1	273.4	362.6	448.2	490.4	530.3	604.3	672.3	734.5	790.8



TEST NUMBER: P395763

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (2700K)

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	176.0	213.5	289.8	376.6	461.1	503.4	542.1	616.0	684.0	745.1	801.4
115°	195.9	228.8	306.2	389.5	472.8	513.9	552.6	625.4	693.4	753.3	808.4
117.5°	212.4	244.1	320.3	400.1	482.2	522.1	559.7	632.4	699.3	759.1	813.1
120°	228.8	258.1	333.2	409.5	489.3	528.0	565.5	637.1	704.0	762.7	815.5
122.5°	245.2	272.2	343.8	418.9	495.1	533.9	570.2	640.6	706.3	763.8	815.5
125°	260.5	283.9	353.2	425.9	498.7	536.2	571.4	640.6	705.2	761.5	813.1
127.5°	274.6	296.9	360.2	433.0	501.0	537.4	571.4	638.3	702.8	758.0	808.4
130°	288.6	308.6	367.2	436.5	503.4	536.2	569.1	633.6	697.0	752.1	800.2
132.5°	302.7	321.5	373.1	440.0	504.5	536.2	566.7	628.9	689.9	743.9	789.6
135°	315.6	330.9	379.0	442.3	503.4	533.9	562.0	620.7	679.4	732.2	776.7
137.5°	327.4	340.3	383.7	443.5	502.2	530.3	558.5	611.3	666.4	718.1	761.5
140°	337.9	349.6	386.0	443.5	497.5	525.6	551.5	601.9	652.4	701.6	743.9
142.5°	347.3	357.9	389.5	441.2	492.8	519.8	544.4	592.5	638.3	685.2	726.3
145°	356.7	364.9	391.9	440.0	486.9	511.6	535.0	580.8	625.4	667.6	706.3
147.5°	363.7	371.9	394.2	435.3	479.9	502.2	524.5	567.9	609.0	648.8	684.0
150°	370.8	377.8	395.4	430.6	471.7	491.6	511.6	552.6	592.5	628.9	661.8
152.5°	377.8	382.5	398.9	425.9	462.3	481.1	501.0	537.4	573.8	607.8	639.5
155°	382.5	386.0	400.1	421.2	452.9	469.3	485.8	519.8	552.6	584.3	613.6
157.5°	387.2	390.7	401.3	417.7	442.3	457.6	471.7	501.0	531.5	559.7	586.7
160°	390.7	393.1	401.3	415.4	433.0	443.5	456.4	483.4	509.2	533.9	557.3
162.5°	394.2	395.4	401.3	411.8	424.7	431.8	441.2	462.3	485.8	506.9	528.0
165°	396.6	397.8	401.3	409.5	417.7	423.6	428.3	443.5	461.1	479.9	497.5
167.5°	398.9	398.9	401.3	407.1	411.8	415.4	418.9	427.1	438.8	452.9	465.8
170°	400.1	400.1	401.3	404.8	408.3	409.5	411.8	416.5	422.4	429.4	437.6
172.5°	400.1	400.1	400.1	402.4	403.6	403.6	403.6	406.0	409.5	414.2	417.7
175°	400.1	398.9	398.9	400.1	398.9	398.9	398.9	398.9	400.1	402.4	403.6
177.5°	400.1	398.9	397.8	397.8	396.6	396.6	395.4	395.4	395.4	395.4	395.4
180°	393.1	393.1	393.1	393.1	393.1	393.1	393.1	393.1	393.1	393.1	393.1



TEST NUMBER: P395763

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (2700K)

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	259.3	259.3	259.3	259.3	259.3	259.3	259.3	259.3	259.3	259.3
2.5°	260.5	260.5	259.3	258.1	258.1	258.1	257.0	255.8	254.6	254.6
5°	260.5	260.5	259.3	259.3	259.3	259.3	258.1	258.1	257.0	257.0
7.5°	261.7	260.5	260.5	260.5	260.5	260.5	260.5	260.5	259.3	259.3
10°	261.7	261.7	261.7	261.7	261.7	261.7	261.7	261.7	261.7	261.7
12.5°	262.8	262.8	262.8	262.8	264.0	264.0	264.0	264.0	264.0	264.0
15°	262.8	264.0	265.2	265.2	265.2	266.3	266.3	266.3	266.3	266.3
17.5°	264.0	265.2	266.3	266.3	267.5	267.5	268.7	268.7	268.7	268.7
20°	264.0	265.2	266.3	267.5	268.7	268.7	269.9	271.0	271.0	269.9
22.5°	262.8	265.2	266.3	267.5	268.7	269.9	271.0	272.2	272.2	272.2
25°	261.7	264.0	266.3	268.7	268.7	269.9	272.2	272.2	272.2	272.2
27.5°	260.5	262.8	265.2	267.5	268.7	269.9	271.0	272.2	272.2	272.2
30°	258.1	261.7	264.0	266.3	267.5	268.7	269.9	271.0	271.0	271.0
32.5°	254.6	258.1	260.5	264.0	265.2	266.3	267.5	268.7	268.7	268.7
35°	251.1	254.6	257.0	260.5	261.7	262.8	265.2	265.2	266.3	266.3
37.5°	245.2	249.9	252.3	255.8	257.0	258.1	260.5	261.7	261.7	261.7
40°	239.4	244.1	246.4	249.9	251.1	252.3	254.6	255.8	257.0	257.0
42.5°	232.3	237.0	239.4	242.9	244.1	245.2	247.6	248.7	249.9	249.9
45°	225.3	228.8	231.1	234.7	237.0	237.0	239.4	240.5	241.7	241.7
47.5°	215.9	219.4	221.8	225.3	227.6	228.8	230.0	231.1	232.3	232.3
50°	205.3	208.9	212.4	214.7	217.1	217.1	219.4	220.6	221.8	221.8
52.5°	194.8	197.1	200.6	204.2	205.3	206.5	207.7	208.9	210.0	210.0
55°	183.0	185.4	188.9	191.3	192.4	193.6	194.8	195.9	197.1	197.1
57.5°	170.1	172.5	176.0	178.3	179.5	180.7	181.9	183.0	184.2	184.2
60°	156.1	158.4	161.9	164.3	165.4	165.4	167.8	169.0	169.0	169.0
62.5°	142.0	144.3	146.7	149.0	150.2	151.4	152.5	153.7	153.7	153.7
65°	127.9	130.2	132.6	133.8	134.9	134.9	136.1	137.3	138.5	138.5
67.5°	112.6	115.0	117.3	118.5	119.7	119.7	120.9	122.0	122.0	122.0
70°	97.4	98.6	100.9	102.1	103.3	103.3	105.6	105.6	105.6	105.6
72.5°	82.1	83.3	85.7	86.8	88.0	88.0	89.2	90.3	90.3	90.3
75°	68.1	69.2	70.4	72.7	72.7	72.7	73.9	75.1	75.1	75.1
77.5°	54.0	55.1	56.3	57.5	58.7	58.7	59.8	61.0	61.0	61.0
80°	41.1	42.2	43.4	44.6	44.6	45.8	45.8	46.9	46.9	46.9
82.5°	29.3	30.5	31.7	32.9	34.0	34.0	35.2	36.4	36.4	35.2
85°	19.9	22.3	23.5	24.6	24.6	24.6	25.8	27.0	27.0	25.8
87.5°	14.1	14.1	15.3	16.4	16.4	17.6	17.6	18.8	18.8	18.8
90°	8.2	8.2	9.4	9.4	10.6	10.6	10.6	11.7	11.7	11.7
92.5°	19.9	19.9	21.1	21.1	21.1	21.1	22.3	22.3	22.3	22.3
95°	213.5	96.2	81.0	49.3	46.9	41.1	39.9	41.1	41.1	39.9
97.5°	716.9	767.4	799.0	814.3	795.5	775.6	753.3	749.8	719.2	651.2
100°	773.2	813.1	851.8	878.8	889.4	898.8	919.9	932.8	938.7	944.5
102.5°	801.4	843.6	877.6	911.7	925.8	938.7	957.4	972.7	978.5	983.2
105°	826.0	869.4	907.0	937.5	950.4	962.1	980.9	995.0	1005.5	1006.7
107.5°	831.9	877.6	919.9	957.4	972.7	985.6	1007.9	1018.4	1027.8	1027.8
110°	842.4	885.9	924.6	958.6	973.9	989.1	1012.6	1029.0	1038.4	1040.7





TEST NUMBER: P395763

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (2700K)

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	850.7	895.2	931.6	965.6	978.5	992.6	1014.9	1030.2	1038.4	1041.9
115°	857.7	901.1	937.5	969.2	983.2	997.3	1019.6	1032.5	1041.9	1045.4
117.5°	862.4	904.6	941.0	970.3	985.6	997.3	1018.4	1032.5	1041.9	1043.1
120°	863.6	905.8	941.0	970.3	983.2	996.1	1017.3	1031.3	1040.7	1040.7
122.5°	863.6	904.6	939.8	968.0	979.7	991.5	1011.4	1027.8	1036.0	1036.0
125°	858.9	899.9	934.0	962.1	973.9	984.4	1005.5	1020.8	1029.0	1030.2
127.5°	851.8	891.7	925.8	953.9	965.6	975.0	997.3	1011.4	1019.6	1020.8
130°	842.4	882.3	915.2	942.2	953.9	964.5	983.2	998.5	1007.9	1010.2
132.5°	831.9	869.4	902.3	928.1	939.8	949.2	968.0	983.2	991.5	995.0
135°	819.0	854.2	885.9	911.7	923.4	932.8	950.4	965.6	973.9	977.4
137.5°	802.6	836.6	867.1	892.9	903.5	912.8	930.4	944.5	951.6	956.3
140°	783.8	815.5	847.1	870.6	881.2	890.6	905.8	921.1	928.1	931.6
142.5°	763.8	795.5	823.7	847.1	856.5	865.9	881.2	895.2	902.3	903.5
145°	742.7	773.2	799.0	821.3	829.5	838.9	853.0	867.1	874.1	875.3
147.5°	719.2	747.4	772.0	793.2	802.6	809.6	822.5	835.4	842.4	843.6
150°	692.3	718.1	740.4	761.5	769.7	776.7	790.8	802.6	809.6	810.8
152.5°	666.4	691.1	709.9	728.6	736.8	743.9	755.6	767.4	774.4	775.6
155°	639.5	661.8	680.5	695.8	702.8	709.9	719.2	729.8	735.7	736.8
157.5°	611.3	632.4	648.8	662.9	670.0	675.8	684.0	693.4	697.0	699.3
160°	580.8	598.4	612.5	626.6	632.4	638.3	646.5	653.5	658.2	659.4
162.5°	547.9	563.2	574.9	587.8	591.4	596.0	604.3	611.3	614.8	616.0
165°	513.9	528.0	538.6	549.1	551.5	555.0	560.8	567.9	570.2	572.6
167.5°	479.9	491.6	498.7	508.0	511.6	513.9	519.8	524.5	526.8	528.0
170°	447.0	455.2	461.1	468.2	469.3	472.8	476.4	481.1	482.2	482.2
172.5°	421.2	424.7	428.3	430.6	431.8	433.0	435.3	436.5	436.5	436.5
175°	404.8	407.1	407.1	408.3	408.3	408.3	408.3	408.3	408.3	408.3
177.5°	395.4	395.4	395.4	394.2	394.2	394.2	394.2	393.1	393.1	393.1
180°	393.1	393.1	393.1	393.1	393.1	393.1	393.1	393.1	393.1	393.1

(END OF REPORT)