

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: P395067

Luminaire Tested: **I3-UL-60L935-1D-UNV-STD-W-4**

Issue Date: 3/30/2020

Test Information

Test Method: LM-79-08
Report Number: P395067
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-656-2)
Test Lab: INNOVATION CENTER
Issue Date: 3/30/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: I3-UL-60L935-1D-UNV-STD-W-4
Description: CORELITE I3, OPEN TOP
6000 LUMENS
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

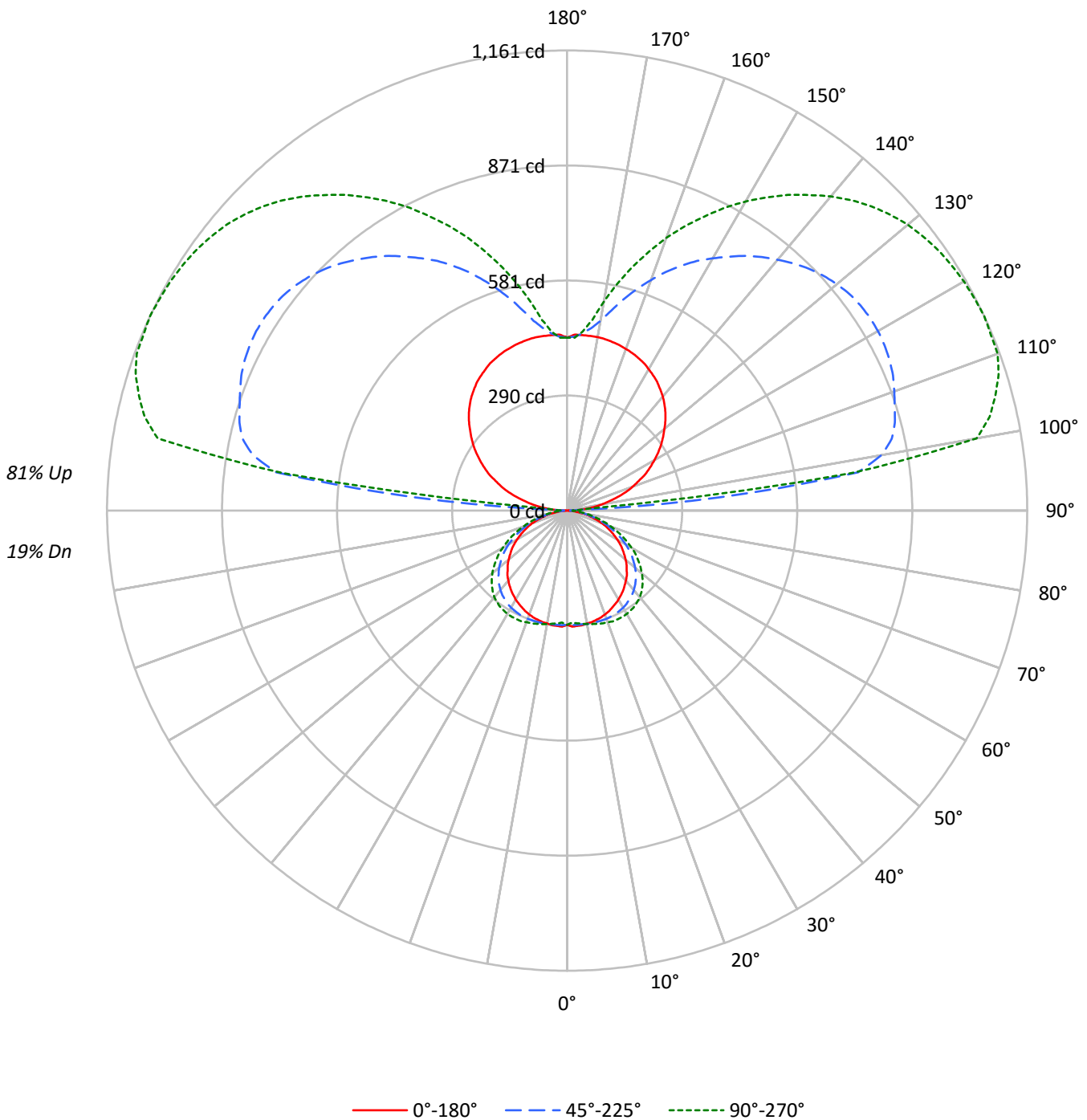
Lumens per Lamp: N/A
Luminaire Lumens: 5287.7 lumens
Efficiency: N/A
Efficacy: 128.0 lumens/watt
Spacing Criteria (0/90/45): 1.33 / 1.54 / 1.55
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')
CIE Type: Semi-Indirect

Input Watts (W): 41.3
Input Voltage (V): 120
Input Current (A_{in}): 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: P395067
CATALOG NUMBER: I3-UL-60L935-1D-UNV-STD-W-4

Luminous Intensity Polar Plot





TEST NUMBER: P395067

CATALOG NUMBER: I3-UL-60L935-1D-UNV-STD-W-4

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	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°	1583	1583	1583
5°	1605	1560	1530
10°	1603	1549	1532
15°	1606	1544	1545
20°	1606	1550	1563
25°	1604	1554	1587
30°	1606	1556	1602
35°	1605	1548	1609
40°	1598	1536	1600
45°	1584	1505	1565
50°	1570	1455	1507
55°	1542	1385	1422
60°	1494	1285	1307
65°	1429	1144	1166
70°	1350	993	984
75°	1171	778	789
80°	931	559	571
85°	552	325	376



TEST NUMBER: P395067

CATALOG NUMBER: I3-UL-60L935-1D-UNV-STD-W-4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.6	0.5
10°-20°	82.2	1.6
20°-30°	132.2	2.5
30°-40°	170.1	3.2
40°-50°	186.8	3.5
50°-60°	175.6	3.3
60°-70°	136.4	2.6
70°-80°	78.3	1.5
80°-90°	25.1	0.5
90°-100°	338.0	6.4
100°-110°	803.2	15.2
110°-120°	806.9	15.3
120°-130°	740.0	14.0
130°-140°	618.8	11.7
140°-150°	464.4	8.8
150°-160°	302.3	5.7
160°-170°	155.7	2.9
170°-180°	44.1	0.8
0°-30°	241.9	4.6
0°-40°	412.0	7.8
0°-60°	774.5	14.6
0°-90°	1014.3	19.2
90°-120°	1948.2	36.8
90°-150°	3771.3	71.3
90°-180°	4273.0	80.8
0°-180°	5287.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	288	288	288	288	288	
5°	292	289	289	288	285	28
15°	285	284	291	294	296	81
25°	270	272	288	298	302	125
35°	246	253	274	291	296	154
45°	212	223	245	263	268	164
55°	171	180	199	214	219	152
65°	120	126	138	150	154	119
75°	64	66	73	81	83	68
85°	13	16	21	27	29	15
90°	1	4	8	12	13	4
95°	46	378	388	52	44	45
105°	132	507	856	1056	1118	139
115°	218	571	898	1092	1161	214
125°	289	596	903	1082	1144	258
135°	350	593	863	1026	1086	270
145°	396	568	784	921	972	248
155°	425	521	682	781	818	196
165°	440	470	552	612	636	125
175°	444	443	448	454	454	42
180°	436	436	436	436	436	



TEST NUMBER: P395067

CATALOG NUMBER: I3-UL-60L935-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	288.0	288.0	288.0	288.0	288.0	288.0	288.0	288.0	288.0	288.0	288.0
2.5°	293.2	291.9	290.6	290.6	289.3	289.3	289.3	288.0	288.0	288.0	289.3
5°	291.9	291.9	290.6	289.3	289.3	289.3	288.0	288.0	288.0	288.0	289.3
7.5°	291.9	290.6	289.3	289.3	288.0	288.0	288.0	288.0	288.0	288.0	289.3
10°	289.3	289.3	288.0	288.0	286.7	288.0	288.0	288.0	288.0	288.0	290.6
12.5°	288.0	288.0	286.7	285.4	285.4	285.4	286.7	286.7	286.7	288.0	290.6
15°	285.4	285.4	284.0	284.0	284.0	284.0	285.4	285.4	286.7	288.0	290.6
17.5°	282.8	282.8	281.5	281.5	281.5	282.8	282.8	284.0	285.4	288.0	290.6
20°	278.9	278.9	278.9	278.9	278.9	280.2	280.2	281.5	284.0	286.7	290.6
22.5°	275.0	275.0	275.0	275.0	275.0	276.3	277.6	280.2	281.5	285.4	289.3
25°	269.8	269.8	269.8	269.8	271.0	272.3	273.6	276.3	278.9	282.8	288.0
27.5°	264.5	265.9	265.9	265.9	267.2	268.5	269.8	272.3	276.3	281.5	285.4
30°	259.3	259.3	259.3	260.6	261.9	263.2	265.9	268.5	272.3	277.6	282.8
32.5°	252.8	252.8	254.1	254.1	256.8	258.0	260.6	264.5	268.5	273.6	278.9
35°	246.3	246.3	246.3	248.9	250.2	252.8	254.1	258.0	263.2	268.5	273.6
37.5°	238.5	239.8	239.8	241.1	243.7	246.3	247.6	252.8	258.0	263.2	268.5
40°	230.7	232.0	232.0	233.2	237.2	238.5	241.1	246.3	250.2	256.8	261.9
42.5°	222.8	222.8	224.1	225.4	229.4	230.7	233.2	238.5	243.7	248.9	254.1
45°	212.4	213.7	215.0	216.3	220.2	222.8	225.4	229.4	234.5	239.8	245.0
47.5°	203.3	203.3	204.6	207.2	211.1	213.7	215.0	220.2	224.1	229.4	234.5
50°	192.9	194.2	194.2	196.7	200.7	203.3	204.6	209.8	213.7	219.0	224.1
52.5°	181.2	182.4	183.7	186.3	190.3	192.9	194.2	198.1	202.0	207.2	211.1
55°	170.7	172.0	172.0	174.6	178.6	179.9	182.4	185.0	190.3	194.2	199.4
57.5°	158.9	160.3	160.3	162.9	165.5	168.1	169.4	173.3	177.2	181.2	185.0
60°	145.9	147.2	148.5	149.9	152.5	155.1	156.4	158.9	162.9	166.8	170.7
62.5°	132.9	134.2	135.5	136.8	139.4	140.8	142.1	145.9	148.5	152.5	155.1
65°	119.9	121.2	122.5	123.8	125.1	126.4	127.7	130.4	132.9	136.8	138.1
67.5°	106.9	108.1	108.1	109.4	110.7	112.1	113.4	116.0	117.3	121.2	122.5
70°	93.8	93.8	93.8	95.1	95.1	96.4	97.7	100.3	101.7	104.3	106.9
72.5°	78.2	79.5	79.5	79.5	80.8	82.1	83.4	84.7	86.0	87.3	89.9
75°	63.9	65.2	63.9	65.2	66.5	66.5	67.8	69.1	70.3	71.6	73.0
77.5°	50.8	49.5	50.8	50.8	52.1	52.1	52.1	53.5	56.1	56.1	58.6
80°	36.5	36.5	36.5	36.5	37.8	37.8	39.1	39.1	41.7	43.0	44.3
82.5°	23.4	23.4	24.8	24.8	24.8	26.1	26.1	27.4	28.7	30.0	31.3
85°	13.0	13.0	13.0	14.3	14.3	15.7	15.7	17.0	18.3	19.5	20.8
87.5°	3.9	5.3	6.5	6.5	7.8	7.8	9.1	9.1	11.7	13.0	14.3
90°	1.3	1.3	2.6	2.6	2.6	3.9	3.9	5.3	5.3	6.5	7.8
92.5°	22.1	52.1	108.1	161.6	139.4	130.4	78.2	23.4	20.8	22.1	22.1
95°	45.6	86.0	157.6	255.5	331.0	377.9	409.1	469.2	530.4	520.0	388.3
97.5°	66.5	110.7	190.3	280.2	384.4	437.8	478.3	549.9	628.1	693.3	740.2
100°	87.3	132.9	217.7	311.4	407.9	456.1	503.0	600.7	677.6	742.8	805.4
102.5°	109.4	155.1	242.4	340.1	435.2	482.2	527.8	613.8	699.8	778.0	839.2
105°	131.6	178.6	264.5	364.9	460.0	507.0	551.2	633.4	712.8	785.8	856.2
107.5°	155.1	199.4	284.0	384.4	479.6	526.5	570.8	652.9	729.8	802.7	866.6
110°	175.9	219.0	303.7	402.7	497.8	544.8	589.0	671.1	746.7	815.8	878.3



TEST NUMBER: P395067

CATALOG NUMBER: I3-UL-60L935-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	195.4	237.2	321.8	418.3	512.1	559.0	602.0	684.2	759.7	827.5	890.0
115°	217.7	254.1	340.1	432.7	525.1	570.8	613.8	694.6	770.2	836.6	897.9
117.5°	235.8	271.0	355.8	444.4	535.6	579.9	621.6	702.4	776.7	843.1	903.1
120°	254.1	286.7	370.1	454.8	543.4	586.4	628.1	707.6	781.9	847.1	905.7
122.5°	272.3	302.3	381.9	465.2	549.9	593.0	633.4	711.5	784.5	848.3	905.7
125°	289.3	315.4	392.3	473.0	553.8	595.6	634.6	711.5	783.2	845.8	903.1
127.5°	305.0	329.7	400.1	480.9	556.5	596.8	634.6	708.9	780.6	841.8	897.9
130°	320.6	342.8	407.9	484.7	559.0	595.6	632.1	703.7	774.0	835.3	888.7
132.5°	336.2	357.1	414.4	488.7	560.3	595.6	629.4	698.4	766.3	826.2	877.0
135°	350.5	367.5	420.9	491.3	559.0	593.0	624.2	689.4	754.5	813.1	862.7
137.5°	363.6	377.9	426.1	492.6	557.8	589.0	620.3	678.9	740.2	797.5	845.8
140°	375.3	388.3	428.7	492.6	552.5	583.8	612.5	668.5	724.5	779.3	826.2
142.5°	385.7	397.4	432.7	490.0	547.3	577.3	604.7	658.1	708.9	761.0	806.7
145°	396.1	405.3	435.2	488.7	540.8	568.2	594.3	645.1	694.6	741.5	784.5
147.5°	404.0	413.1	437.8	483.5	533.0	557.8	582.5	630.7	676.3	720.7	759.7
150°	411.8	419.7	439.2	478.3	523.8	546.0	568.2	613.8	658.1	698.4	734.9
152.5°	419.7	424.8	443.1	473.0	513.4	534.3	556.5	596.8	637.2	675.0	710.2
155°	424.8	428.7	444.4	467.9	503.0	521.2	539.5	577.3	613.8	648.9	681.6
157.5°	430.1	433.9	445.7	463.9	491.3	508.2	523.8	556.5	590.3	621.6	651.6
160°	433.9	436.5	445.7	461.3	480.9	492.6	507.0	536.9	565.6	593.0	619.0
162.5°	437.8	439.2	445.7	457.4	471.7	479.6	490.0	513.4	539.5	562.9	586.4
165°	440.5	441.8	445.7	454.8	463.9	470.5	475.6	492.6	512.1	533.0	552.5
167.5°	443.1	443.1	445.7	452.2	457.4	461.3	465.2	474.3	487.4	503.0	517.4
170°	444.4	444.4	445.7	449.6	453.5	454.8	457.4	462.6	469.2	476.9	486.0
172.5°	444.4	444.4	444.4	446.9	448.3	448.3	448.3	450.9	454.8	460.0	463.9
175°	444.4	443.1	443.1	444.4	443.1	443.1	443.1	443.1	444.4	446.9	448.3
177.5°	444.4	443.1	441.8	441.8	440.5	440.5	439.2	439.2	439.2	439.2	439.2
180°	436.5	436.5	436.5	436.5	436.5	436.5	436.5	436.5	436.5	436.5	436.5



TEST NUMBER: P395067

CATALOG NUMBER: I3-UL-60L935-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	288.0	288.0	288.0	288.0	288.0	288.0	288.0	288.0	288.0	288.0
2.5°	289.3	289.3	288.0	286.7	286.7	286.7	285.4	284.0	282.8	282.8
5°	289.3	289.3	288.0	288.0	288.0	288.0	286.7	286.7	285.4	285.4
7.5°	290.6	289.3	289.3	289.3	289.3	289.3	289.3	289.3	288.0	288.0
10°	290.6	290.6	290.6	290.6	290.6	290.6	290.6	290.6	290.6	290.6
12.5°	291.9	291.9	291.9	291.9	293.2	293.2	293.2	293.2	293.2	293.2
15°	291.9	293.2	294.5	294.5	294.5	295.8	295.8	295.8	295.8	295.8
17.5°	293.2	294.5	295.8	295.8	297.1	297.1	298.4	298.4	298.4	298.4
20°	293.2	294.5	295.8	297.1	298.4	298.4	299.7	301.0	301.0	299.7
22.5°	291.9	294.5	295.8	297.1	298.4	299.7	301.0	302.3	302.3	302.3
25°	290.6	293.2	295.8	298.4	298.4	299.7	302.3	302.3	302.3	302.3
27.5°	289.3	291.9	294.5	297.1	298.4	299.7	301.0	302.3	302.3	302.3
30°	286.7	290.6	293.2	295.8	297.1	298.4	299.7	301.0	301.0	301.0
32.5°	282.8	286.7	289.3	293.2	294.5	295.8	297.1	298.4	298.4	298.4
35°	278.9	282.8	285.4	289.3	290.6	291.9	294.5	294.5	295.8	295.8
37.5°	272.3	277.6	280.2	284.0	285.4	286.7	289.3	290.6	290.6	290.6
40°	265.9	271.0	273.6	277.6	278.9	280.2	282.8	284.0	285.4	285.4
42.5°	258.0	263.2	265.9	269.8	271.0	272.3	275.0	276.3	277.6	277.6
45°	250.2	254.1	256.8	260.6	263.2	263.2	265.9	267.2	268.5	268.5
47.5°	239.8	243.7	246.3	250.2	252.8	254.1	255.5	256.8	258.0	258.0
50°	228.1	232.0	235.8	238.5	241.1	241.1	243.7	245.0	246.3	246.3
52.5°	216.3	219.0	222.8	226.8	228.1	229.4	230.7	232.0	233.2	233.2
55°	203.3	205.9	209.8	212.4	213.7	215.0	216.3	217.7	219.0	219.0
57.5°	189.0	191.6	195.4	198.1	199.4	200.7	202.0	203.3	204.6	204.6
60°	173.3	175.9	179.9	182.4	183.7	183.7	186.3	187.6	187.6	187.6
62.5°	157.6	160.3	162.9	165.5	166.8	168.1	169.4	170.7	170.7	170.7
65°	142.1	144.6	147.2	148.5	149.9	149.9	151.2	152.5	153.8	153.8
67.5°	125.1	127.7	130.4	131.6	132.9	132.9	134.2	135.5	135.5	135.5
70°	108.1	109.4	112.1	113.4	114.7	114.7	117.3	117.3	117.3	117.3
72.5°	91.2	92.6	95.1	96.4	97.7	97.7	99.0	100.3	100.3	100.3
75°	75.6	76.9	78.2	80.8	80.8	80.8	82.1	83.4	83.4	83.4
77.5°	59.9	61.2	62.5	63.9	65.2	65.2	66.5	67.8	67.8	67.8
80°	45.6	46.9	48.2	49.5	49.5	50.8	50.8	52.1	52.1	52.1
82.5°	32.5	33.9	35.2	36.5	37.8	37.8	39.1	40.4	40.4	39.1
85°	22.1	24.8	26.1	27.4	27.4	27.4	28.7	30.0	30.0	28.7
87.5°	15.7	15.7	17.0	18.3	18.3	19.5	19.5	20.8	20.8	20.8
90°	9.1	9.1	10.4	10.4	11.7	11.7	11.7	13.0	13.0	13.0
92.5°	22.1	22.1	23.4	23.4	23.4	23.4	24.8	24.8	24.8	24.8
95°	237.2	106.9	89.9	54.8	52.1	45.6	44.3	45.6	45.6	44.3
97.5°	796.3	852.2	887.4	904.4	883.6	861.3	836.6	832.7	798.8	723.2
100°	858.8	903.1	946.1	976.0	987.7	998.2	1021.7	1036.0	1042.5	1049.0
102.5°	890.0	936.9	974.7	1012.5	1028.2	1042.5	1063.3	1080.3	1086.8	1092.0
105°	917.4	965.6	1007.4	1041.2	1055.6	1068.6	1089.4	1105.1	1116.8	1118.1
107.5°	923.9	974.7	1021.7	1063.3	1080.3	1094.7	1119.4	1131.1	1141.5	1141.5
110°	935.6	983.9	1026.9	1064.6	1081.6	1098.5	1124.6	1142.9	1153.3	1155.9



TEST NUMBER: P395067

CATALOG NUMBER: I3-UL-60L935-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	944.8	994.3	1034.7	1072.5	1086.8	1102.4	1127.2	1144.2	1153.3	1157.2
115°	952.6	1000.8	1041.2	1076.4	1092.0	1107.7	1132.5	1146.8	1157.2	1161.1
117.5°	957.8	1004.7	1045.1	1077.7	1094.7	1107.7	1131.1	1146.8	1157.2	1158.5
120°	959.2	1006.0	1045.1	1077.7	1092.0	1106.4	1129.8	1145.5	1155.9	1155.9
122.5°	959.2	1004.7	1043.8	1075.1	1088.1	1101.1	1123.3	1141.5	1150.6	1150.6
125°	953.9	999.5	1037.3	1068.6	1081.6	1093.3	1116.8	1133.8	1142.9	1144.2
127.5°	946.1	990.4	1028.2	1059.5	1072.5	1082.9	1107.7	1123.3	1132.5	1133.8
130°	935.6	980.0	1016.4	1046.5	1059.5	1071.2	1092.0	1109.0	1119.4	1122.0
132.5°	923.9	965.6	1002.1	1030.8	1043.8	1054.2	1075.1	1092.0	1101.1	1105.1
135°	909.6	948.6	983.9	1012.5	1025.5	1036.0	1055.6	1072.5	1081.6	1085.5
137.5°	891.3	929.1	963.0	991.7	1003.4	1013.8	1033.4	1049.0	1056.9	1062.0
140°	870.5	905.7	940.9	966.9	978.7	989.1	1006.0	1023.0	1030.8	1034.7
142.5°	848.3	883.6	914.8	940.9	951.3	961.7	978.7	994.3	1002.1	1003.4
145°	824.9	858.8	887.4	912.2	921.4	931.8	947.4	963.0	970.9	972.2
147.5°	798.8	830.1	857.5	880.9	891.3	899.1	913.5	927.8	935.6	936.9
150°	768.9	797.5	822.3	845.8	854.9	862.7	878.3	891.3	899.1	900.4
152.5°	740.2	767.6	788.4	809.3	818.4	826.2	839.2	852.2	860.1	861.3
155°	710.2	734.9	755.8	772.7	780.6	788.4	798.8	810.5	817.1	818.4
157.5°	678.9	702.4	720.7	736.2	744.1	750.6	759.7	770.2	774.0	776.7
160°	645.1	664.6	680.3	695.9	702.4	708.9	718.1	725.8	731.1	732.4
162.5°	608.6	625.5	638.5	652.9	656.8	662.0	671.1	678.9	682.9	684.2
165°	570.8	586.4	598.1	609.8	612.5	616.4	622.9	630.7	633.4	635.9
167.5°	533.0	546.0	553.8	564.3	568.2	570.8	577.3	582.5	585.1	586.4
170°	496.5	505.6	512.1	520.0	521.2	525.1	529.1	534.3	535.6	535.6
172.5°	467.9	471.7	475.6	478.3	479.6	480.9	483.5	484.7	484.7	484.7
175°	449.6	452.2	452.2	453.5	453.5	453.5	453.5	453.5	453.5	453.5
177.5°	439.2	439.2	439.2	437.8	437.8	437.8	437.8	436.5	436.5	436.5
180°	436.5	436.5	436.5	436.5	436.5	436.5	436.5	436.5	436.5	436.5

(END OF REPORT)