

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: P395066

Luminaire Tested: **I3-UL-60L930-1D-UNV-STD-W-4**

Issue Date: 3/30/2020

Test Information

Test Method: LM-79-08
Report Number: P395066
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-60L930-1D-UNV-STD-W-4
Description: CORELITE I3, OPEN TOP
6000 LUMENS
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

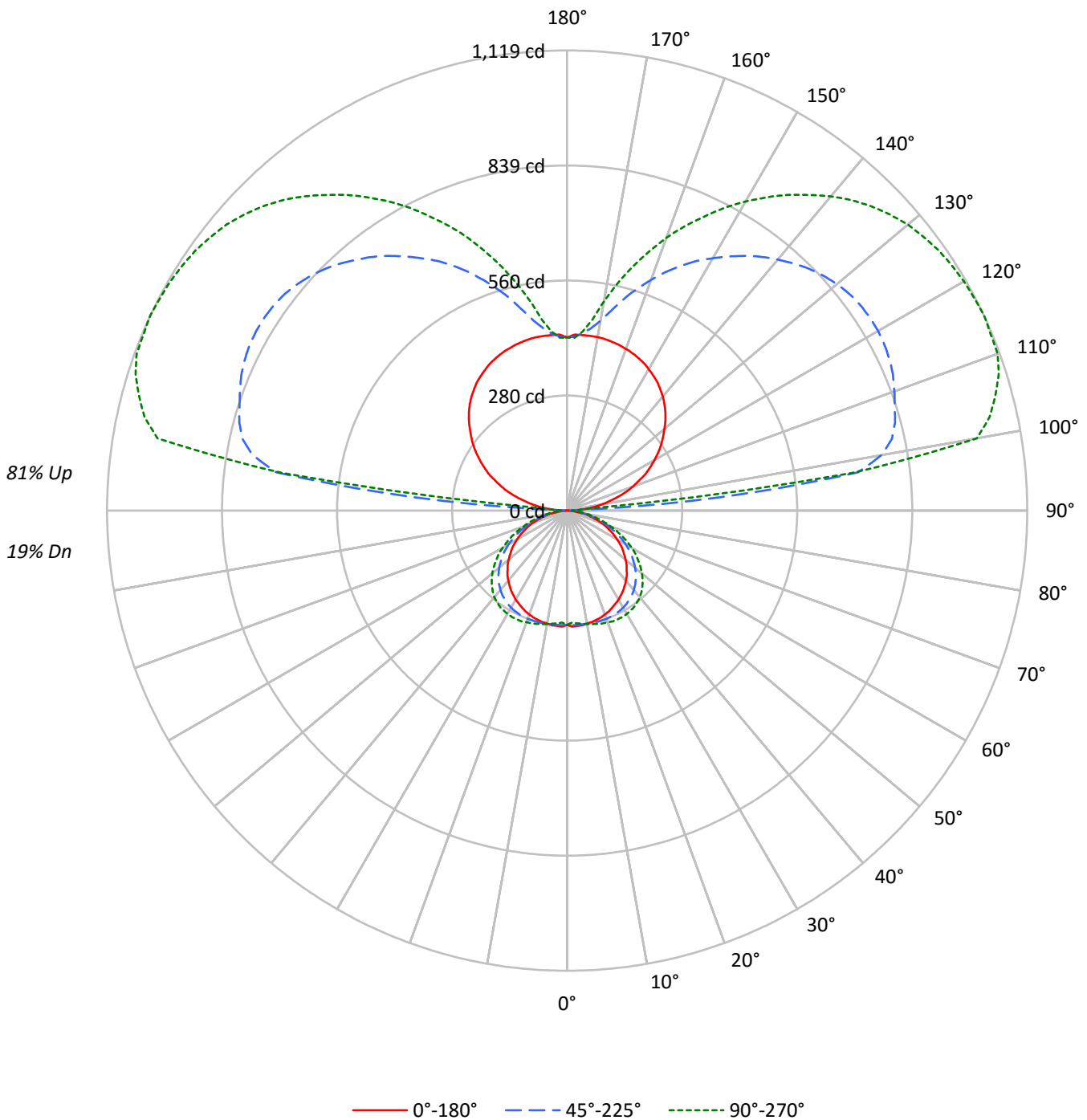
Lumens per Lamp: N/A
Luminaire Lumens: 5097.3 lumens
Efficiency: N/A
Efficacy: 123.4 lumens/watt
Spacing Criteria (0/90/45): 1.33 / 1.54 / 1.55
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')
CIE Type: Semi-Indirect

Input Watts (W): 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: P395066
CATALOG NUMBER: I3-UL-60L930-1D-UNV-STD-W-4

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	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°	1526	1526	1526
5°	1547	1504	1475
10°	1545	1493	1477
15°	1548	1488	1490
20°	1548	1494	1507
25°	1546	1498	1530
30°	1549	1500	1545
35°	1548	1492	1552
40°	1541	1481	1542
45°	1527	1450	1509
50°	1513	1403	1453
55°	1487	1335	1371
60°	1441	1239	1261
65°	1377	1103	1124
70°	1302	957	948
75°	1129	751	761
80°	898	539	550
85°	530	314	362



TEST NUMBER: P395066

CATALOG NUMBER: I3-UL-60L930-1D-UNV-STD-W-4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.6	0.5
10°-20°	79.2	1.6
20°-30°	127.4	2.5
30°-40°	164.0	3.2
40°-50°	180.1	3.5
50°-60°	169.3	3.3
60°-70°	131.5	2.6
70°-80°	75.4	1.5
80°-90°	24.2	0.5
90°-100°	325.8	6.4
100°-110°	774.3	15.2
110°-120°	777.8	15.3
120°-130°	713.3	14.0
130°-140°	596.5	11.7
140°-150°	447.7	8.8
150°-160°	291.4	5.7
160°-170°	150.1	2.9
170°-180°	42.5	0.8
0°-30°	233.2	4.6
0°-40°	397.2	7.8
0°-60°	746.6	14.6
0°-90°	977.8	19.2
90°-120°	1878.0	36.8
90°-150°	3635.5	71.3
90°-180°	4120.0	80.8
0°-180°	5097.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	278	278	278	278	278	
5°	281	279	279	278	275	27
15°	275	274	280	284	285	78
25°	260	262	278	288	291	120
35°	238	244	264	280	285	148
45°	205	215	236	254	259	158
55°	165	173	192	206	211	147
65°	116	122	133	144	148	114
75°	62	64	70	78	80	66
85°	12	15	20	26	28	15
90°	1	4	8	11	12	4
95°	44	364	374	50	43	44
105°	127	489	825	1018	1078	134
115°	210	550	866	1053	1119	206
125°	279	574	871	1043	1103	249
135°	338	572	832	989	1046	260
145°	382	548	756	888	937	239
155°	410	502	657	752	789	189
165°	425	454	533	590	613	120
175°	428	427	432	437	437	41
180°	421	421	421	421	421	



TEST NUMBER: P395066

CATALOG NUMBER: I3-UL-60L930-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	277.6	277.6	277.6	277.6	277.6	277.6	277.6	277.6	277.6	277.6	277.6
2.5°	282.6	281.4	280.1	280.1	278.9	278.9	278.9	277.6	277.6	277.6	278.9
5°	281.4	281.4	280.1	278.9	278.9	278.9	277.6	277.6	277.6	277.6	278.9
7.5°	281.4	280.1	278.9	278.9	277.6	277.6	277.6	277.6	277.6	277.6	278.9
10°	278.9	278.9	277.6	277.6	276.4	277.6	277.6	277.6	277.6	277.6	280.1
12.5°	277.6	277.6	276.4	275.1	275.1	275.1	276.4	276.4	276.4	277.6	280.1
15°	275.1	275.1	273.8	273.8	273.8	273.8	275.1	275.1	276.4	277.6	280.1
17.5°	272.6	272.6	271.3	271.3	271.3	272.6	272.6	273.8	275.1	277.6	280.1
20°	268.8	268.8	268.8	268.8	268.8	270.1	270.1	271.3	273.8	276.4	280.1
22.5°	265.1	265.1	265.1	265.1	265.1	266.3	267.6	270.1	271.3	275.1	278.9
25°	260.0	260.0	260.0	260.0	261.3	262.5	263.8	266.3	268.8	272.6	277.6
27.5°	255.0	256.3	256.3	256.3	257.5	258.8	260.0	262.5	266.3	271.3	275.1
30°	250.0	250.0	250.0	251.2	252.5	253.7	256.3	258.8	262.5	267.6	272.6
32.5°	243.7	243.7	244.9	244.9	247.5	248.8	251.2	255.0	258.8	263.8	268.8
35°	237.5	237.5	237.5	240.0	241.2	243.7	244.9	248.8	253.7	258.8	263.8
37.5°	229.9	231.2	231.2	232.4	234.9	237.5	238.7	243.7	248.8	253.7	258.8
40°	222.4	223.6	223.6	224.8	228.7	229.9	232.4	237.5	241.2	247.5	252.5
42.5°	214.8	214.8	216.0	217.3	221.1	222.4	224.8	229.9	234.9	240.0	244.9
45°	204.8	206.0	207.3	208.5	212.3	214.8	217.3	221.1	226.1	231.2	236.1
47.5°	196.0	196.0	197.2	199.8	203.5	206.0	207.3	212.3	216.0	221.1	226.1
50°	185.9	187.2	187.2	189.7	193.5	196.0	197.2	202.3	206.0	211.1	216.0
52.5°	174.6	175.9	177.1	179.6	183.4	185.9	187.2	191.0	194.7	199.8	203.5
55°	164.6	165.8	165.8	168.3	172.1	173.4	175.9	178.4	183.4	187.2	192.2
57.5°	153.2	154.5	154.5	157.0	159.5	162.0	163.3	167.1	170.8	174.6	178.4
60°	140.7	141.9	143.2	144.5	147.0	149.5	150.7	153.2	157.0	160.8	164.6
62.5°	128.2	129.4	130.6	131.9	134.4	135.7	137.0	140.7	143.2	147.0	149.5
65°	115.5	116.9	118.1	119.4	120.6	121.8	123.1	125.7	128.2	131.9	133.1
67.5°	103.0	104.2	104.2	105.5	106.7	108.1	109.3	111.8	113.0	116.9	118.1
70°	90.5	90.5	90.5	91.7	91.7	93.0	94.2	96.7	98.0	100.5	103.0
72.5°	75.4	76.6	76.6	76.6	77.9	79.2	80.4	81.7	82.9	84.2	86.7
75°	61.6	62.8	61.6	62.8	64.1	64.1	65.3	66.6	67.8	69.1	70.4
77.5°	49.0	47.7	49.0	49.0	50.2	50.2	50.2	51.5	54.0	54.0	56.5
80°	35.2	35.2	35.2	35.2	36.4	36.4	37.7	37.7	40.2	41.4	42.7
82.5°	22.6	22.6	23.9	23.9	23.9	25.1	25.1	26.4	27.6	28.9	30.1
85°	12.5	12.5	12.5	13.8	13.8	15.1	15.1	16.4	17.6	18.8	20.1
87.5°	3.7	5.1	6.3	6.3	7.6	7.6	8.8	8.8	11.3	12.5	13.8
90°	1.2	1.2	2.5	2.5	2.5	3.7	3.7	5.1	5.1	6.3	7.6
92.5°	21.3	50.2	104.2	155.8	134.4	125.7	75.4	22.6	20.1	21.3	21.3
95°	44.0	82.9	152.0	246.3	319.1	364.3	394.4	452.3	511.3	501.2	374.3
97.5°	64.1	106.7	183.4	270.1	370.6	422.1	461.1	530.1	605.5	668.3	713.6
100°	84.2	128.2	209.8	300.2	393.2	439.7	484.9	579.1	653.2	716.0	776.4
102.5°	105.5	149.5	233.6	327.8	419.6	464.8	508.8	591.7	674.6	750.0	809.0
105°	126.9	172.1	255.0	351.8	443.5	488.7	531.4	610.5	687.2	757.5	825.4
107.5°	149.5	192.2	273.8	370.6	462.3	507.5	550.2	629.4	703.5	773.8	835.4
110°	169.6	211.1	292.7	388.2	479.9	525.1	567.8	647.0	719.8	786.4	846.7



TEST NUMBER: P395066

CATALOG NUMBER: I3-UL-60L930-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	188.4	228.7	310.3	403.2	493.7	538.9	580.3	659.5	732.4	797.7	858.0
115°	209.8	244.9	327.8	417.1	506.2	550.2	591.7	669.6	742.4	806.5	865.5
117.5°	227.3	261.3	343.0	428.4	516.3	559.0	599.3	677.1	748.7	812.7	870.6
120°	244.9	276.4	356.7	438.4	523.8	565.3	605.5	682.1	753.7	816.6	873.1
122.5°	262.5	291.4	368.1	448.4	530.1	571.6	610.5	685.9	756.2	817.8	873.1
125°	278.9	304.0	378.1	456.0	533.9	574.1	611.8	685.9	755.0	815.3	870.6
127.5°	294.0	317.8	385.7	463.6	536.4	575.4	611.8	683.4	752.5	811.5	865.5
130°	309.0	330.4	393.2	467.3	538.9	574.1	609.3	678.4	746.2	805.3	856.7
132.5°	324.1	344.2	399.5	471.1	540.2	574.1	606.7	673.3	738.7	796.5	845.4
135°	337.9	354.2	405.8	473.6	538.9	571.6	601.8	664.6	727.3	783.9	831.7
137.5°	350.5	364.3	410.8	474.8	537.7	567.8	597.9	654.5	713.6	768.8	815.3
140°	361.8	374.3	413.3	474.8	532.6	562.8	590.5	644.4	698.4	751.2	796.5
142.5°	371.8	383.1	417.1	472.4	527.6	556.5	582.9	634.4	683.4	733.6	777.6
145°	381.9	390.7	419.6	471.1	521.3	547.7	572.9	621.8	669.6	714.8	756.2
147.5°	389.4	398.2	422.1	466.0	513.8	537.7	561.5	608.0	652.0	694.7	732.4
150°	397.0	404.5	423.4	461.1	505.0	526.4	547.7	591.7	634.4	673.3	708.5
152.5°	404.5	409.5	427.1	456.0	494.9	515.0	536.4	575.4	614.3	650.7	684.7
155°	409.5	413.3	428.4	451.0	484.9	502.5	520.1	556.5	591.7	625.6	657.0
157.5°	414.6	418.3	429.6	447.2	473.6	489.9	505.0	536.4	569.0	599.3	628.1
160°	418.3	420.8	429.6	444.7	463.6	474.8	488.7	517.6	545.2	571.6	596.7
162.5°	422.1	423.4	429.6	440.9	454.8	462.3	472.4	494.9	520.1	542.7	565.3
165°	424.6	425.9	429.6	438.4	447.2	453.5	458.5	474.8	493.7	513.8	532.6
167.5°	427.1	427.1	429.6	435.9	440.9	444.7	448.4	457.2	469.9	484.9	498.7
170°	428.4	428.4	429.6	433.4	437.2	438.4	440.9	446.0	452.3	459.7	468.5
172.5°	428.4	428.4	428.4	430.9	432.2	432.2	432.2	434.7	438.4	443.5	447.2
175°	428.4	427.1	427.1	428.4	427.1	427.1	427.1	427.1	428.4	430.9	432.2
177.5°	428.4	427.1	425.9	425.9	424.6	424.6	423.4	423.4	423.4	423.4	423.4
180°	420.8	420.8	420.8	420.8	420.8	420.8	420.8	420.8	420.8	420.8	420.8



TEST NUMBER: P395066

CATALOG NUMBER: I3-UL-60L930-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	277.6	277.6	277.6	277.6	277.6	277.6	277.6	277.6	277.6	277.6
2.5°	278.9	278.9	277.6	276.4	276.4	276.4	275.1	273.8	272.6	272.6
5°	278.9	278.9	277.6	277.6	277.6	277.6	276.4	276.4	275.1	275.1
7.5°	280.1	278.9	278.9	278.9	278.9	278.9	278.9	278.9	277.6	277.6
10°	280.1	280.1	280.1	280.1	280.1	280.1	280.1	280.1	280.1	280.1
12.5°	281.4	281.4	281.4	281.4	282.6	282.6	282.6	282.6	282.6	282.6
15°	281.4	282.6	283.9	283.9	283.9	285.2	285.2	285.2	285.2	285.2
17.5°	282.6	283.9	285.2	285.2	286.4	286.4	287.7	287.7	287.7	287.7
20°	282.6	283.9	285.2	286.4	287.7	287.7	288.9	290.2	290.2	288.9
22.5°	281.4	283.9	285.2	286.4	287.7	288.9	290.2	291.4	291.4	291.4
25°	280.1	282.6	285.2	287.7	287.7	288.9	291.4	291.4	291.4	291.4
27.5°	278.9	281.4	283.9	286.4	287.7	288.9	290.2	291.4	291.4	291.4
30°	276.4	280.1	282.6	285.2	286.4	287.7	288.9	290.2	290.2	290.2
32.5°	272.6	276.4	278.9	282.6	283.9	285.2	286.4	287.7	287.7	287.7
35°	268.8	272.6	275.1	278.9	280.1	281.4	283.9	283.9	285.2	285.2
37.5°	262.5	267.6	270.1	273.8	275.1	276.4	278.9	280.1	280.1	280.1
40°	256.3	261.3	263.8	267.6	268.8	270.1	272.6	273.8	275.1	275.1
42.5°	248.8	253.7	256.3	260.0	261.3	262.5	265.1	266.3	267.6	267.6
45°	241.2	244.9	247.5	251.2	253.7	253.7	256.3	257.5	258.8	258.8
47.5°	231.2	234.9	237.5	241.2	243.7	244.9	246.3	247.5	248.8	248.8
50°	219.9	223.6	227.3	229.9	232.4	232.4	234.9	236.1	237.5	237.5
52.5°	208.5	211.1	214.8	218.6	219.9	221.1	222.4	223.6	224.8	224.8
55°	196.0	198.5	202.3	204.8	206.0	207.3	208.5	209.8	211.1	211.1
57.5°	182.2	184.7	188.4	191.0	192.2	193.5	194.7	196.0	197.2	197.2
60°	167.1	169.6	173.4	175.9	177.1	177.1	179.6	180.9	180.9	180.9
62.5°	152.0	154.5	157.0	159.5	160.8	162.0	163.3	164.6	164.6	164.6
65°	137.0	139.4	141.9	143.2	144.5	144.5	145.7	147.0	148.2	148.2
67.5°	120.6	123.1	125.7	126.9	128.2	128.2	129.4	130.6	130.6	130.6
70°	104.2	105.5	108.1	109.3	110.6	110.6	113.0	113.0	113.0	113.0
72.5°	87.9	89.2	91.7	93.0	94.2	94.2	95.4	96.7	96.7	96.7
75°	72.9	74.1	75.4	77.9	77.9	77.9	79.2	80.4	80.4	80.4
77.5°	57.8	59.0	60.3	61.6	62.8	62.8	64.1	65.3	65.3	65.3
80°	44.0	45.2	46.5	47.7	47.7	49.0	49.0	50.2	50.2	50.2
82.5°	31.4	32.7	33.9	35.2	36.4	36.4	37.7	38.9	38.9	37.7
85°	21.3	23.9	25.1	26.4	26.4	26.4	27.6	28.9	28.9	27.6
87.5°	15.1	15.1	16.4	17.6	17.6	18.8	18.8	20.1	20.1	20.1
90°	8.8	8.8	10.0	10.0	11.3	11.3	11.3	12.5	12.5	12.5
92.5°	21.3	21.3	22.6	22.6	22.6	22.6	23.9	23.9	23.9	23.9
95°	228.7	103.0	86.7	52.8	50.2	44.0	42.7	44.0	44.0	42.7
97.5°	767.6	821.5	855.5	871.8	851.7	830.3	806.5	802.7	770.1	697.2
100°	827.8	870.6	912.0	940.9	952.2	962.3	984.9	998.7	1005.0	1011.3
102.5°	858.0	903.2	939.6	976.1	991.2	1005.0	1025.0	1041.4	1047.7	1052.7
105°	884.4	930.8	971.1	1003.7	1017.6	1030.1	1050.2	1065.3	1076.6	1077.8
107.5°	890.7	939.6	984.9	1025.0	1041.4	1055.3	1079.1	1090.4	1100.4	1100.4
110°	902.0	948.4	989.9	1026.3	1042.6	1059.0	1084.1	1101.7	1111.8	1114.3



TEST NUMBER: P395066

CATALOG NUMBER: I3-UL-60L930-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	910.8	958.5	997.4	1033.8	1047.7	1062.7	1086.6	1103.0	1111.8	1115.5
115°	918.3	964.8	1003.7	1037.7	1052.7	1067.8	1091.7	1105.5	1115.5	1119.3
117.5°	923.3	968.5	1007.5	1038.9	1055.3	1067.8	1090.4	1105.5	1115.5	1116.8
120°	924.6	969.8	1007.5	1038.9	1052.7	1066.6	1089.1	1104.2	1114.3	1114.3
122.5°	924.6	968.5	1006.2	1036.4	1049.0	1061.5	1082.9	1100.4	1109.2	1109.2
125°	919.6	963.5	1000.0	1030.1	1042.6	1053.9	1076.6	1092.9	1101.7	1103.0
127.5°	912.0	954.7	991.2	1021.3	1033.8	1043.9	1067.8	1082.9	1091.7	1092.9
130°	902.0	944.7	979.8	1008.8	1021.3	1032.6	1052.7	1069.0	1079.1	1081.6
132.5°	890.7	930.8	966.0	993.7	1006.2	1016.3	1036.4	1052.7	1061.5	1065.3
135°	876.8	914.5	948.4	976.1	988.6	998.7	1017.6	1033.8	1042.6	1046.5
137.5°	859.2	895.7	928.4	956.0	967.3	977.3	996.2	1011.3	1018.8	1023.8
140°	839.1	873.1	907.0	932.1	943.5	953.5	969.8	986.1	993.7	997.4
142.5°	817.8	851.7	881.9	907.0	917.1	927.1	943.5	958.5	966.0	967.3
145°	795.2	827.8	855.5	879.4	888.2	898.2	913.2	928.4	935.9	937.2
147.5°	770.1	800.2	826.6	849.2	859.2	866.8	880.6	894.4	902.0	903.2
150°	741.2	768.8	792.6	815.3	824.1	831.7	846.7	859.2	866.8	868.0
152.5°	713.6	739.9	760.0	780.1	788.9	796.5	809.0	821.5	829.1	830.3
155°	684.7	708.5	728.6	744.9	752.5	760.0	770.1	781.4	787.7	788.9
157.5°	654.5	677.1	694.7	709.7	717.3	723.6	732.4	742.4	746.2	748.7
160°	621.8	640.7	655.8	670.8	677.1	683.4	692.2	699.7	704.8	706.0
162.5°	586.6	603.0	615.5	629.4	633.1	638.2	647.0	654.5	658.3	659.5
165°	550.2	565.3	576.6	587.9	590.5	594.2	600.5	608.0	610.5	613.0
167.5°	513.8	526.4	533.9	544.0	547.7	550.2	556.5	561.5	564.1	565.3
170°	478.7	487.4	493.7	501.2	502.5	506.2	510.0	515.0	516.3	516.3
172.5°	451.0	454.8	458.5	461.1	462.3	463.6	466.0	467.3	467.3	467.3
175°	433.4	435.9	435.9	437.2	437.2	437.2	437.2	437.2	437.2	437.2
177.5°	423.4	423.4	423.4	422.1	422.1	422.1	422.1	420.8	420.8	420.8
180°	420.8	420.8	420.8	420.8	420.8	420.8	420.8	420.8	420.8	420.8

(END OF REPORT)