

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: P395766

Luminaire Tested: **I3-UL-60L92765-1D-UNV-W2A-W-4 (4000K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395766
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 (4000K)
Description: CORELITE I3, OPEN TOP
6000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5362.1 lumens
Efficiency: N/A
Efficacy: 120.2 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

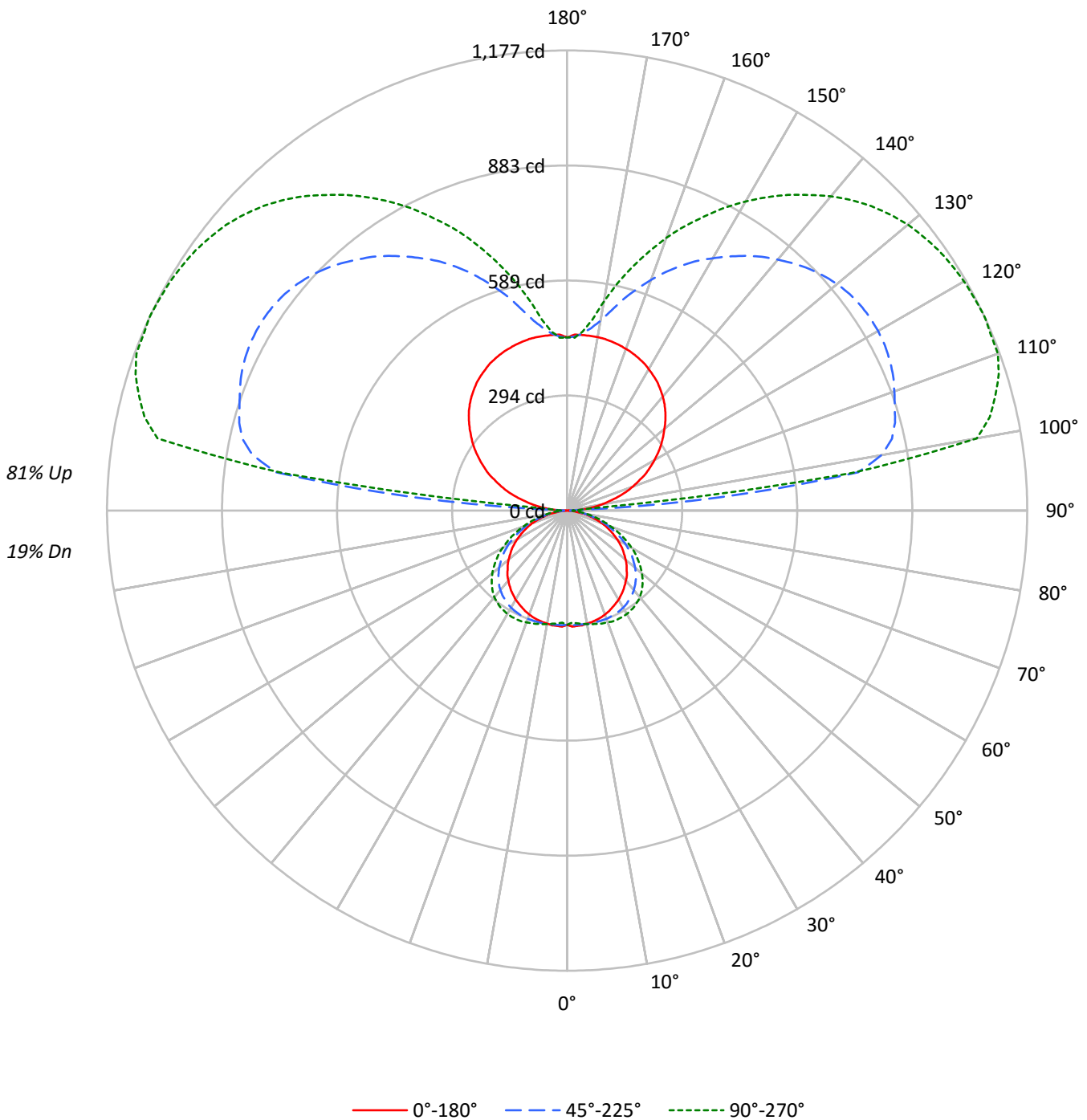
Input Watts (W): 44.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395766

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (4000K)

Luminous Intensity Polar Plot





TEST NUMBER: P395766

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (4000K)

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°	1605	1605	1605
5°	1627	1582	1552
10°	1625	1571	1553
15°	1628	1565	1567
20°	1629	1572	1585
25°	1626	1576	1609
30°	1629	1578	1625
35°	1628	1570	1632
40°	1620	1558	1623
45°	1606	1525	1587
50°	1592	1476	1529
55°	1564	1405	1441
60°	1515	1303	1326
65°	1449	1161	1182
70°	1368	1007	997
75°	1188	789	801
80°	943	567	579
85°	560	330	382



TEST NUMBER: P395766

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (4000K)

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.0	0.5
10°-20°	83.3	1.6
20°-30°	134.1	2.5
30°-40°	172.5	3.2
40°-50°	189.5	3.5
50°-60°	178.1	3.3
60°-70°	138.3	2.6
70°-80°	79.4	1.5
80°-90°	25.4	0.5
90°-100°	342.8	6.4
100°-110°	814.6	15.2
110°-120°	818.3	15.3
120°-130°	750.4	14.0
130°-140°	627.5	11.7
140°-150°	471.0	8.8
150°-160°	306.6	5.7
160°-170°	157.9	2.9
170°-180°	44.7	0.8
0°-30°	245.3	4.6
0°-40°	417.8	7.8
0°-60°	785.4	14.6
0°-90°	1028.6	19.2
90°-120°	1975.6	36.8
90°-150°	3824.4	71.3
90°-180°	4334.0	80.8
0°-180°	5362.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	292	292	292	292	292	
5°	296	293	293	292	289	28
15°	289	288	295	299	300	82
25°	274	276	292	303	307	126
35°	250	256	278	295	300	156
45°	215	226	248	267	272	167
55°	173	182	202	217	222	154
65°	122	128	140	152	156	120
75°	65	67	74	82	85	69
85°	13	16	21	28	29	16
90°	1	4	8	12	13	4
95°	46	383	394	53	45	46
105°	134	514	868	1070	1134	141
115°	221	579	910	1107	1177	217
125°	293	604	916	1097	1160	262
135°	356	601	875	1040	1101	274
145°	402	576	796	934	986	251
155°	431	529	691	792	830	199
165°	447	477	560	621	645	126
175°	451	449	455	460	460	43
180°	443	443	443	443	443	



TEST NUMBER: P395766

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0
2.5°	297.3	296.0	294.7	294.7	293.4	293.4	293.4	292.0	292.0	292.0	293.4
5°	296.0	296.0	294.7	293.4	293.4	293.4	292.0	292.0	292.0	292.0	293.4
7.5°	296.0	294.7	293.4	293.4	292.0	292.0	292.0	292.0	292.0	292.0	293.4
10°	293.4	293.4	292.0	292.0	290.7	292.0	292.0	292.0	292.0	292.0	294.7
12.5°	292.0	292.0	290.7	289.4	289.4	289.4	290.7	290.7	290.7	292.0	294.7
15°	289.4	289.4	288.1	288.1	288.1	288.1	289.4	289.4	290.7	292.0	294.7
17.5°	286.8	286.8	285.4	285.4	285.4	286.8	286.8	288.1	289.4	292.0	294.7
20°	282.8	282.8	282.8	282.8	282.8	284.1	284.1	285.4	288.1	290.7	294.7
22.5°	278.8	278.8	278.8	278.8	278.8	280.2	281.5	284.1	285.4	289.4	293.4
25°	273.5	273.5	273.5	273.5	274.9	276.2	277.5	280.2	282.8	286.8	292.0
27.5°	268.3	269.6	269.6	269.6	270.9	272.2	273.5	276.2	280.2	285.4	289.4
30°	263.0	263.0	263.0	264.3	265.6	266.9	269.6	272.2	276.2	281.5	286.8
32.5°	256.4	256.4	257.7	257.7	260.3	261.7	264.3	268.3	272.2	277.5	282.8
35°	249.8	249.8	249.8	252.4	253.7	256.4	257.7	261.7	266.9	272.2	277.5
37.5°	241.8	243.2	243.2	244.5	247.1	249.8	251.1	256.4	261.7	266.9	272.2
40°	233.9	235.2	235.2	236.5	240.5	241.8	244.5	249.8	253.7	260.3	265.6
42.5°	226.0	226.0	227.3	228.6	232.6	233.9	236.5	241.8	247.1	252.4	257.7
45°	215.4	216.7	218.0	219.4	223.3	226.0	228.6	232.6	237.9	243.2	248.4
47.5°	206.2	206.2	207.5	210.1	214.1	216.7	218.0	223.3	227.3	232.6	237.9
50°	195.6	196.9	196.9	199.5	203.5	206.2	207.5	212.8	216.7	222.0	227.3
52.5°	183.7	185.0	186.3	189.0	192.9	195.6	196.9	200.9	204.8	210.1	214.1
55°	173.1	174.4	174.4	177.1	181.0	182.4	185.0	187.7	192.9	196.9	202.2
57.5°	161.2	162.5	162.5	165.2	167.8	170.5	171.8	175.8	179.7	183.7	187.7
60°	148.0	149.3	150.6	152.0	154.6	157.3	158.6	161.2	165.2	169.1	173.1
62.5°	134.8	136.1	137.4	138.8	141.4	142.7	144.0	148.0	150.6	154.6	157.3
65°	121.6	122.9	124.2	125.5	126.9	128.2	129.5	132.1	134.8	138.8	140.1
67.5°	108.4	109.7	109.7	111.0	112.3	113.6	115.0	117.6	118.9	122.9	124.2
70°	95.1	95.1	95.1	96.5	96.5	97.8	99.1	101.8	103.1	105.7	108.4
72.5°	79.3	80.6	80.6	80.6	81.9	83.3	84.6	85.9	87.2	88.5	91.2
75°	64.8	66.1	64.8	66.1	67.4	67.4	68.7	70.0	71.4	72.7	74.0
77.5°	51.5	50.2	51.5	51.5	52.9	52.9	52.9	54.2	56.8	56.8	59.5
80°	37.0	37.0	37.0	37.0	38.3	38.3	39.6	39.6	42.3	43.6	44.9
82.5°	23.8	23.8	25.1	25.1	25.1	26.4	26.4	27.8	29.1	30.4	31.7
85°	13.2	13.2	13.2	14.5	14.5	15.9	15.9	17.2	18.5	19.8	21.1
87.5°	4.0	5.3	6.6	6.6	7.9	7.9	9.3	9.3	11.9	13.2	14.5
90°	1.3	1.3	2.6	2.6	2.6	4.0	4.0	5.3	5.3	6.6	7.9
92.5°	22.5	52.9	109.7	163.9	141.4	132.1	79.3	23.8	21.1	22.5	22.5
95°	46.3	87.2	159.9	259.0	335.7	383.2	414.9	475.7	537.8	527.3	393.8
97.5°	67.4	112.3	192.9	284.1	389.8	444.0	485.0	557.7	637.0	703.0	750.6
100°	88.5	134.8	220.7	315.8	413.6	462.5	510.1	609.2	687.2	753.2	816.7
102.5°	111.0	157.3	245.8	344.9	441.4	488.9	535.2	622.4	709.6	788.9	851.0
105°	133.5	181.0	268.3	370.0	466.5	514.1	559.0	642.2	722.9	796.9	868.2
107.5°	157.3	202.2	288.1	389.8	486.3	533.9	578.8	662.1	740.0	814.0	878.8
110°	178.4	222.0	307.9	408.3	504.8	552.4	597.3	680.6	757.2	827.2	890.7



TEST NUMBER: P395766

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	198.2	240.5	326.4	424.2	519.3	566.9	610.5	693.8	770.4	839.1	902.6
115°	220.7	257.7	344.9	438.7	532.6	578.8	622.4	704.4	781.0	848.4	910.5
117.5°	239.2	274.9	360.8	450.6	543.1	588.1	630.3	712.3	787.6	855.0	915.8
120°	257.7	290.7	375.3	461.2	551.1	594.7	637.0	717.6	792.9	859.0	918.4
122.5°	276.2	306.6	387.2	471.8	557.7	601.3	642.2	721.5	795.5	860.3	918.4
125°	293.4	319.8	397.8	479.7	561.6	603.9	643.6	721.5	794.2	857.6	915.8
127.5°	309.2	334.3	405.7	487.6	564.3	605.2	643.6	718.9	791.6	853.7	910.5
130°	325.1	347.6	413.6	491.6	566.9	603.9	640.9	713.6	785.0	847.1	901.3
132.5°	340.9	362.1	420.2	495.6	568.2	603.9	638.3	708.3	777.0	837.8	889.4
135°	355.5	372.7	426.8	498.2	566.9	601.3	633.0	699.1	765.1	824.6	874.8
137.5°	368.7	383.2	432.1	499.5	565.6	597.3	629.0	688.5	750.6	808.7	857.6
140°	380.6	393.8	434.8	499.5	560.3	592.0	621.1	677.9	734.7	790.2	837.8
142.5°	391.2	403.1	438.7	496.9	555.0	585.4	613.2	667.3	718.9	771.7	818.0
145°	401.7	411.0	441.4	495.6	548.4	576.2	602.6	654.1	704.4	751.9	795.5
147.5°	409.7	418.9	444.0	490.3	540.5	565.6	590.7	639.6	685.8	730.8	770.4
150°	417.6	425.5	445.3	485.0	531.2	553.7	576.2	622.4	667.3	708.3	745.3
152.5°	425.5	430.8	449.3	479.7	520.7	541.8	564.3	605.2	646.2	684.5	720.2
155°	430.8	434.8	450.6	474.4	510.1	528.6	547.1	585.4	622.4	658.1	691.1
157.5°	436.1	440.1	451.9	470.4	498.2	515.4	531.2	564.3	598.6	630.3	660.7
160°	440.1	442.7	451.9	467.8	487.6	499.5	514.1	544.5	573.5	601.3	627.7
162.5°	444.0	445.3	451.9	463.8	478.4	486.3	496.9	520.7	547.1	570.9	594.7
165°	446.7	448.0	451.9	461.2	470.4	477.1	482.3	499.5	519.3	540.5	560.3
167.5°	449.3	449.3	451.9	458.6	463.8	467.8	471.8	481.0	494.2	510.1	524.6
170°	450.6	450.6	451.9	455.9	459.9	461.2	463.8	469.1	475.7	483.7	492.9
172.5°	450.6	450.6	450.6	453.3	454.6	454.6	454.6	457.2	461.2	466.5	470.4
175°	450.6	449.3	449.3	450.6	449.3	449.3	449.3	449.3	450.6	453.3	454.6
177.5°	450.6	449.3	448.0	448.0	446.7	446.7	445.3	445.3	445.3	445.3	445.3
180°	442.7	442.7	442.7	442.7	442.7	442.7	442.7	442.7	442.7	442.7	442.7



TEST NUMBER: P395766

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0
2.5°	293.4	293.4	292.0	290.7	290.7	290.7	289.4	288.1	286.8	286.8
5°	293.4	293.4	292.0	292.0	292.0	292.0	290.7	290.7	289.4	289.4
7.5°	294.7	293.4	293.4	293.4	293.4	293.4	293.4	293.4	292.0	292.0
10°	294.7	294.7	294.7	294.7	294.7	294.7	294.7	294.7	294.7	294.7
12.5°	296.0	296.0	296.0	296.0	297.3	297.3	297.3	297.3	297.3	297.3
15°	296.0	297.3	298.7	298.7	298.7	300.0	300.0	300.0	300.0	300.0
17.5°	297.3	298.7	300.0	300.0	301.3	301.3	302.6	302.6	302.6	302.6
20°	297.3	298.7	300.0	301.3	302.6	302.6	303.9	305.3	305.3	303.9
22.5°	296.0	298.7	300.0	301.3	302.6	303.9	305.3	306.6	306.6	306.6
25°	294.7	297.3	300.0	302.6	302.6	303.9	306.6	306.6	306.6	306.6
27.5°	293.4	296.0	298.7	301.3	302.6	303.9	305.3	306.6	306.6	306.6
30°	290.7	294.7	297.3	300.0	301.3	302.6	303.9	305.3	305.3	305.3
32.5°	286.8	290.7	293.4	297.3	298.7	300.0	301.3	302.6	302.6	302.6
35°	282.8	286.8	289.4	293.4	294.7	296.0	298.7	298.7	300.0	300.0
37.5°	276.2	281.5	284.1	288.1	289.4	290.7	293.4	294.7	294.7	294.7
40°	269.6	274.9	277.5	281.5	282.8	284.1	286.8	288.1	289.4	289.4
42.5°	261.7	266.9	269.6	273.5	274.9	276.2	278.8	280.2	281.5	281.5
45°	253.7	257.7	260.3	264.3	266.9	266.9	269.6	270.9	272.2	272.2
47.5°	243.2	247.1	249.8	253.7	256.4	257.7	259.0	260.3	261.7	261.7
50°	231.3	235.2	239.2	241.8	244.5	244.5	247.1	248.4	249.8	249.8
52.5°	219.4	222.0	226.0	229.9	231.3	232.6	233.9	235.2	236.5	236.5
55°	206.2	208.8	212.8	215.4	216.7	218.0	219.4	220.7	222.0	222.0
57.5°	191.6	194.3	198.2	200.9	202.2	203.5	204.8	206.2	207.5	207.5
60°	175.8	178.4	182.4	185.0	186.3	186.3	189.0	190.3	190.3	190.3
62.5°	159.9	162.5	165.2	167.8	169.1	170.5	171.8	173.1	173.1	173.1
65°	144.0	146.7	149.3	150.6	152.0	152.0	153.3	154.6	155.9	155.9
67.5°	126.9	129.5	132.1	133.5	134.8	134.8	136.1	137.4	137.4	137.4
70°	109.7	111.0	113.6	115.0	116.3	116.3	118.9	118.9	118.9	118.9
72.5°	92.5	93.8	96.5	97.8	99.1	99.1	100.4	101.8	101.8	101.8
75°	76.6	78.0	79.3	81.9	81.9	81.9	83.3	84.6	84.6	84.6
77.5°	60.8	62.1	63.4	64.8	66.1	66.1	67.4	68.7	68.7	68.7
80°	46.3	47.6	48.9	50.2	50.2	51.5	51.5	52.9	52.9	52.9
82.5°	33.0	34.4	35.7	37.0	38.3	38.3	39.6	41.0	41.0	39.6
85°	22.5	25.1	26.4	27.8	27.8	27.8	29.1	30.4	30.4	29.1
87.5°	15.9	15.9	17.2	18.5	18.5	19.8	19.8	21.1	21.1	21.1
90°	9.3	9.3	10.6	10.6	11.9	11.9	11.9	13.2	13.2	13.2
92.5°	22.5	22.5	23.8	23.8	23.8	23.8	25.1	25.1	25.1	25.1
95°	240.5	108.4	91.2	55.5	52.9	46.3	44.9	46.3	46.3	44.9
97.5°	807.4	864.2	899.9	917.1	896.0	873.5	848.4	844.4	810.1	733.4
100°	870.9	915.8	959.4	989.8	1001.7	1012.3	1036.0	1050.6	1057.2	1063.8
102.5°	902.6	950.1	988.5	1026.8	1042.7	1057.2	1078.3	1095.5	1102.1	1107.4
105°	930.3	979.2	1021.5	1055.9	1070.4	1083.6	1104.8	1120.6	1132.5	1133.8
107.5°	936.9	988.5	1036.0	1078.3	1095.5	1110.0	1135.2	1147.0	1157.6	1157.6
110°	948.8	997.7	1041.3	1079.7	1096.8	1114.0	1140.4	1158.9	1169.5	1172.2



TEST NUMBER: P395766

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	958.1	1008.3	1049.3	1087.6	1102.1	1118.0	1143.1	1160.3	1169.5	1173.5
115°	966.0	1014.9	1055.9	1091.5	1107.4	1123.3	1148.4	1162.9	1173.5	1177.4
117.5°	971.3	1018.9	1059.8	1092.9	1110.0	1123.3	1147.0	1162.9	1173.5	1174.8
120°	972.6	1020.2	1059.8	1092.9	1107.4	1121.9	1145.7	1161.6	1172.2	1172.2
122.5°	972.6	1018.9	1058.5	1090.2	1103.4	1116.7	1139.1	1157.6	1166.9	1166.9
125°	967.3	1013.6	1051.9	1083.6	1096.8	1108.7	1132.5	1149.7	1158.9	1160.3
127.5°	959.4	1004.3	1042.7	1074.4	1087.6	1098.2	1123.3	1139.1	1148.4	1149.7
130°	948.8	993.8	1030.8	1061.2	1074.4	1086.3	1107.4	1124.6	1135.2	1137.8
132.5°	936.9	979.2	1016.2	1045.3	1058.5	1069.1	1090.2	1107.4	1116.7	1120.6
135°	922.4	962.0	997.7	1026.8	1040.0	1050.6	1070.4	1087.6	1096.8	1100.8
137.5°	903.9	942.2	976.6	1005.6	1017.5	1028.1	1047.9	1063.8	1071.7	1077.0
140°	882.8	918.4	954.1	980.5	992.4	1003.0	1020.2	1037.4	1045.3	1049.3
142.5°	860.3	896.0	927.7	954.1	964.7	975.3	992.4	1008.3	1016.2	1017.5
145°	836.5	870.9	899.9	925.0	934.3	944.9	960.7	976.6	984.5	985.8
147.5°	810.1	841.8	869.5	893.3	903.9	911.8	926.4	940.9	948.8	950.1
150°	779.7	808.7	833.9	857.6	866.9	874.8	890.7	903.9	911.8	913.1
152.5°	750.6	778.4	799.5	820.6	829.9	837.8	851.0	864.2	872.2	873.5
155°	720.2	745.3	766.5	783.6	791.6	799.5	810.1	822.0	828.6	829.9
157.5°	688.5	712.3	730.8	746.6	754.6	761.2	770.4	781.0	785.0	787.6
160°	654.1	674.0	689.8	705.7	712.3	718.9	728.1	736.1	741.4	742.7
162.5°	617.1	634.3	647.5	662.1	666.0	671.3	680.6	688.5	692.5	693.8
165°	578.8	594.7	606.6	618.5	621.1	625.1	631.7	639.6	642.2	644.9
167.5°	540.5	553.7	561.6	572.2	576.2	578.8	585.4	590.7	593.3	594.7
170°	503.5	512.7	519.3	527.3	528.6	532.6	536.5	541.8	543.1	543.1
172.5°	474.4	478.4	482.3	485.0	486.3	487.6	490.3	491.6	491.6	491.6
175°	455.9	458.6	458.6	459.9	459.9	459.9	459.9	459.9	459.9	459.9
177.5°	445.3	445.3	445.3	444.0	444.0	444.0	444.0	442.7	442.7	442.7
180°	442.7	442.7	442.7	442.7	442.7	442.7	442.7	442.7	442.7	442.7

(END OF REPORT)