

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: P395769

Luminaire Tested: **I3-UL-60L92765-1D-UNV-W2A-W-4 (5700K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395769
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 (5700K)
Description: CORELITE I3, OPEN TOP
6000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 5700K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5726.4 lumens
Efficiency: N/A
Efficacy: 126.1 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

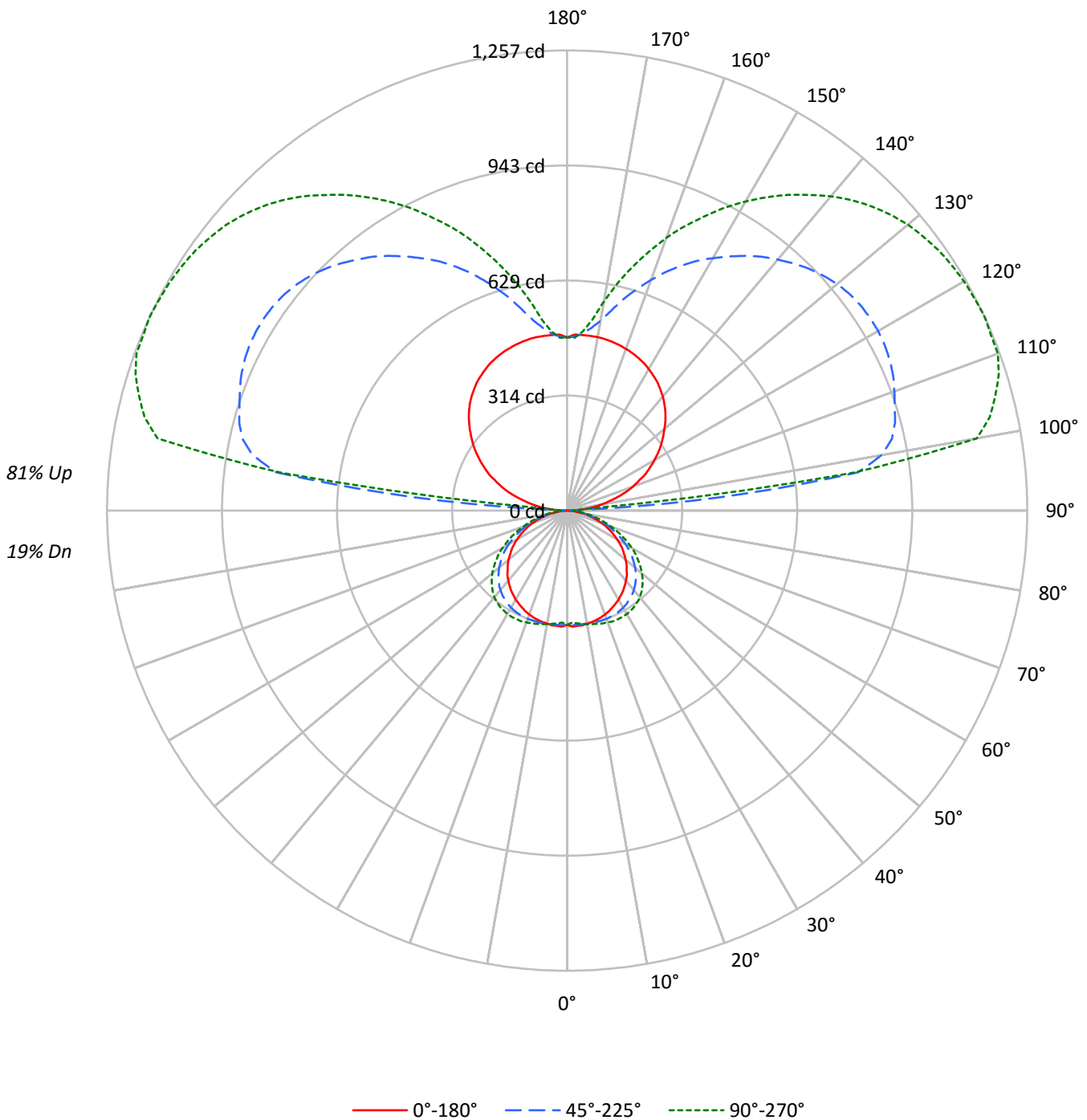
Input Watts (W): 45.4
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395769

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (5700K)

Luminous Intensity Polar Plot





TEST NUMBER: P395769

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (5700K)

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°	1714	1714	1714
5°	1738	1689	1657
10°	1736	1678	1659
15°	1739	1672	1674
20°	1740	1678	1693
25°	1737	1683	1718
30°	1739	1685	1735
35°	1738	1677	1743
40°	1731	1664	1733
45°	1715	1629	1695
50°	1700	1576	1632
55°	1670	1500	1539
60°	1619	1392	1416
65°	1547	1239	1263
70°	1462	1075	1065
75°	1268	842	855
80°	1007	606	619
85°	598	353	406



TEST NUMBER: P395769

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (5700K)

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.9	0.5
10°-20°	89.0	1.6
20°-30°	143.2	2.5
30°-40°	184.2	3.2
40°-50°	202.4	3.5
50°-60°	190.2	3.3
60°-70°	147.8	2.6
70°-80°	84.8	1.5
80°-90°	27.2	0.5
90°-100°	366.1	6.4
100°-110°	869.9	15.2
110°-120°	873.9	15.3
120°-130°	801.4	14.0
130°-140°	670.1	11.7
140°-150°	503.0	8.8
150°-160°	327.4	5.7
160°-170°	168.6	2.9
170°-180°	47.7	0.8
0°-30°	262.0	4.6
0°-40°	446.2	7.8
0°-60°	838.8	14.6
0°-90°	1098.5	19.2
90°-120°	2109.8	36.8
90°-150°	4084.3	71.3
90°-180°	4628.0	80.8
0°-180°	5726.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	312	312	312	312	312	
5°	316	313	313	312	309	30
15°	309	308	315	319	320	87
25°	292	295	312	323	327	135
35°	267	274	296	315	320	167
45°	230	241	265	285	291	178
55°	185	195	216	231	237	165
65°	130	137	150	162	166	129
75°	69	72	79	88	90	74
85°	14	17	23	30	31	17
90°	1	4	8	13	14	4
95°	49	409	421	56	48	49
105°	142	549	927	1143	1211	151
115°	236	618	972	1183	1257	232
125°	313	645	978	1171	1239	280
135°	380	642	934	1111	1176	293
145°	429	615	850	998	1053	268
155°	460	564	738	845	886	212
165°	477	510	598	663	689	135
175°	481	480	486	491	491	46
180°	473	473	473	473	473	



TEST NUMBER: P395769

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (5700K)

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	311.9	311.9	311.9	311.9	311.9	311.9	311.9	311.9	311.9	311.9	311.9
2.5°	317.5	316.1	314.7	314.7	313.3	313.3	313.3	311.9	311.9	311.9	313.3
5°	316.1	316.1	314.7	313.3	313.3	313.3	311.9	311.9	311.9	311.9	313.3
7.5°	316.1	314.7	313.3	313.3	311.9	311.9	311.9	311.9	311.9	311.9	313.3
10°	313.3	313.3	311.9	311.9	310.5	311.9	311.9	311.9	311.9	311.9	314.7
12.5°	311.9	311.9	310.5	309.1	309.1	309.1	310.5	310.5	310.5	311.9	314.7
15°	309.1	309.1	307.7	307.7	307.7	307.7	309.1	309.1	310.5	311.9	314.7
17.5°	306.2	306.2	304.8	304.8	304.8	306.2	306.2	307.7	309.1	311.9	314.7
20°	302.0	302.0	302.0	302.0	302.0	303.4	303.4	304.8	307.7	310.5	314.7
22.5°	297.8	297.8	297.8	297.8	297.8	299.2	300.6	303.4	304.8	309.1	313.3
25°	292.1	292.1	292.1	292.1	293.5	295.0	296.4	299.2	302.0	306.2	311.9
27.5°	286.5	287.9	287.9	287.9	289.3	290.7	292.1	295.0	299.2	304.8	309.1
30°	280.8	280.8	280.8	282.3	283.7	285.1	287.9	290.7	295.0	300.6	306.2
32.5°	273.8	273.8	275.2	275.2	278.0	279.4	282.3	286.5	290.7	296.4	302.0
35°	266.7	266.7	266.7	269.6	271.0	273.8	275.2	279.4	285.1	290.7	296.4
37.5°	258.3	259.7	259.7	261.1	263.9	266.7	268.1	273.8	279.4	285.1	290.7
40°	249.8	251.2	251.2	252.6	256.9	258.3	261.1	266.7	271.0	278.0	283.7
42.5°	241.3	241.3	242.7	244.2	248.4	249.8	252.6	258.3	263.9	269.6	275.2
45°	230.0	231.4	232.9	234.3	238.5	241.3	244.2	248.4	254.0	259.7	265.3
47.5°	220.2	220.2	221.6	224.4	228.6	231.4	232.9	238.5	242.7	248.4	254.0
50°	208.9	210.3	210.3	213.1	217.3	220.2	221.6	227.2	231.4	237.1	242.7
52.5°	196.2	197.6	199.0	201.8	206.0	208.9	210.3	214.5	218.7	224.4	228.6
55°	184.9	186.3	186.3	189.1	193.3	194.8	197.6	200.4	206.0	210.3	215.9
57.5°	172.2	173.6	173.6	176.4	179.2	182.1	183.5	187.7	191.9	196.2	200.4
60°	158.1	159.5	160.9	162.3	165.1	167.9	169.4	172.2	176.4	180.6	184.9
62.5°	144.0	145.4	146.8	148.2	151.0	152.4	153.8	158.1	160.9	165.1	167.9
65°	129.8	131.2	132.7	134.1	135.5	136.9	138.3	141.1	144.0	148.2	149.6
67.5°	115.7	117.1	117.1	118.5	120.0	121.4	122.8	125.6	127.0	131.2	132.7
70°	101.6	101.6	101.6	103.0	103.0	104.4	105.8	108.7	110.1	112.9	115.7
72.5°	84.7	86.1	86.1	86.1	87.5	88.9	90.3	91.7	93.1	94.6	97.4
75°	69.2	70.6	69.2	70.6	72.0	72.0	73.4	74.8	76.2	77.6	79.0
77.5°	55.0	53.6	55.0	55.0	56.5	56.5	56.5	57.9	60.7	60.7	63.5
80°	39.5	39.5	39.5	39.5	40.9	40.9	42.3	42.3	45.2	46.6	48.0
82.5°	25.4	25.4	26.8	26.8	26.8	28.2	28.2	29.6	31.0	32.5	33.9
85°	14.1	14.1	14.1	15.5	15.5	16.9	16.9	18.3	19.8	21.2	22.6
87.5°	4.2	5.6	7.1	7.1	8.5	8.5	9.9	9.9	12.7	14.1	15.5
90°	1.4	1.4	2.8	2.8	2.8	4.2	4.2	5.6	5.6	7.1	8.5
92.5°	24.0	56.5	117.1	175.0	151.0	141.1	84.7	25.4	22.6	24.0	24.0
95°	49.4	93.1	170.8	276.6	358.5	409.3	443.1	508.1	574.4	563.1	420.6
97.5°	72.0	120.0	206.0	303.4	416.3	474.2	517.9	595.6	680.2	750.8	801.6
100°	94.6	144.0	235.7	337.3	441.7	493.9	544.8	650.6	733.9	804.4	872.2
102.5°	118.5	167.9	262.5	368.3	471.4	522.2	571.6	664.7	757.9	842.5	908.9
105°	142.5	193.3	286.5	395.2	498.2	549.0	597.0	685.9	772.0	851.0	927.2
107.5°	167.9	215.9	307.7	416.3	519.4	570.2	618.1	707.1	790.3	869.3	938.5
110°	190.5	237.1	328.8	436.1	539.1	589.9	637.9	726.8	808.7	883.5	951.2



TEST NUMBER: P395769

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (5700K)

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	211.7	256.9	348.6	453.0	554.6	605.4	652.0	740.9	822.8	896.2	963.9
115°	235.7	275.2	368.3	468.5	568.7	618.1	664.7	752.2	834.1	906.0	972.4
117.5°	255.4	293.5	385.3	481.2	580.0	628.0	673.2	760.7	841.1	913.1	978.0
120°	275.2	310.5	400.8	492.5	588.5	635.1	680.2	766.3	846.8	917.3	980.8
122.5°	295.0	327.4	413.5	503.8	595.6	642.1	685.9	770.6	849.6	918.7	980.8
125°	313.3	341.5	424.8	512.3	599.8	645.0	687.3	770.6	848.2	915.9	978.0
127.5°	330.2	357.1	433.3	520.8	602.6	646.4	687.3	767.7	845.4	911.7	972.4
130°	347.2	371.2	441.7	525.0	605.4	645.0	684.5	762.1	838.3	904.6	962.5
132.5°	364.1	386.7	448.8	529.2	606.8	645.0	681.6	756.4	829.8	894.8	949.8
135°	379.6	398.0	455.8	532.1	605.4	642.1	676.0	746.6	817.1	880.6	934.3
137.5°	393.7	409.3	461.5	533.5	604.0	637.9	671.8	735.3	801.6	863.7	915.9
140°	406.4	420.6	464.3	533.5	598.4	632.3	663.3	724.0	784.7	843.9	894.8
142.5°	417.7	430.4	468.5	530.6	592.7	625.2	654.8	712.7	767.7	824.2	873.6
145°	429.0	438.9	471.4	529.2	585.7	615.3	643.5	698.6	752.2	803.0	849.6
147.5°	437.5	447.4	474.2	523.6	577.2	604.0	630.8	683.1	732.5	780.4	822.8
150°	446.0	454.4	475.6	517.9	567.3	591.3	615.3	664.7	712.7	756.4	796.0
152.5°	454.4	460.1	479.8	512.3	556.0	578.6	602.6	646.4	690.1	731.0	769.1
155°	460.1	464.3	481.2	506.6	544.8	564.5	584.3	625.2	664.7	702.8	738.1
157.5°	465.7	470.0	482.7	502.4	532.1	550.4	567.3	602.6	639.3	673.2	705.6
160°	470.0	472.8	482.7	499.6	520.8	533.5	549.0	581.4	612.5	642.1	670.4
162.5°	474.2	475.6	482.7	495.4	510.9	519.4	530.6	556.0	584.3	609.7	635.1
165°	477.0	478.4	482.7	492.5	502.4	509.5	515.1	533.5	554.6	577.2	598.4
167.5°	479.8	479.8	482.7	489.7	495.4	499.6	503.8	513.7	527.8	544.8	560.3
170°	481.2	481.2	482.7	486.9	491.1	492.5	495.4	501.0	508.1	516.5	526.4
172.5°	481.2	481.2	481.2	484.1	485.5	485.5	485.5	488.3	492.5	498.2	502.4
175°	481.2	479.8	479.8	481.2	479.8	479.8	479.8	479.8	481.2	484.1	485.5
177.5°	481.2	479.8	478.4	478.4	477.0	477.0	475.6	475.6	475.6	475.6	475.6
180°	472.8	472.8	472.8	472.8	472.8	472.8	472.8	472.8	472.8	472.8	472.8



TEST NUMBER: P395769

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (5700K)

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	311.9	311.9	311.9	311.9	311.9	311.9	311.9	311.9	311.9	311.9
2.5°	313.3	313.3	311.9	310.5	310.5	310.5	309.1	307.7	306.2	306.2
5°	313.3	313.3	311.9	311.9	311.9	311.9	310.5	310.5	309.1	309.1
7.5°	314.7	313.3	313.3	313.3	313.3	313.3	313.3	313.3	311.9	311.9
10°	314.7	314.7	314.7	314.7	314.7	314.7	314.7	314.7	314.7	314.7
12.5°	316.1	316.1	316.1	316.1	317.5	317.5	317.5	317.5	317.5	317.5
15°	316.1	317.5	318.9	318.9	318.9	320.4	320.4	320.4	320.4	320.4
17.5°	317.5	318.9	320.4	320.4	321.8	321.8	323.2	323.2	323.2	323.2
20°	317.5	318.9	320.4	321.8	323.2	323.2	324.6	326.0	326.0	324.6
22.5°	316.1	318.9	320.4	321.8	323.2	324.6	326.0	327.4	327.4	327.4
25°	314.7	317.5	320.4	323.2	323.2	324.6	327.4	327.4	327.4	327.4
27.5°	313.3	316.1	318.9	321.8	323.2	324.6	326.0	327.4	327.4	327.4
30°	310.5	314.7	317.5	320.4	321.8	323.2	324.6	326.0	326.0	326.0
32.5°	306.2	310.5	313.3	317.5	318.9	320.4	321.8	323.2	323.2	323.2
35°	302.0	306.2	309.1	313.3	314.7	316.1	318.9	318.9	320.4	320.4
37.5°	295.0	300.6	303.4	307.7	309.1	310.5	313.3	314.7	314.7	314.7
40°	287.9	293.5	296.4	300.6	302.0	303.4	306.2	307.7	309.1	309.1
42.5°	279.4	285.1	287.9	292.1	293.5	295.0	297.8	299.2	300.6	300.6
45°	271.0	275.2	278.0	282.3	285.1	285.1	287.9	289.3	290.7	290.7
47.5°	259.7	263.9	266.7	271.0	273.8	275.2	276.6	278.0	279.4	279.4
50°	247.0	251.2	255.4	258.3	261.1	261.1	263.9	265.3	266.7	266.7
52.5°	234.3	237.1	241.3	245.6	247.0	248.4	249.8	251.2	252.6	252.6
55°	220.2	223.0	227.2	230.0	231.4	232.9	234.3	235.7	237.1	237.1
57.5°	204.6	207.5	211.7	214.5	215.9	217.3	218.7	220.2	221.6	221.6
60°	187.7	190.5	194.8	197.6	199.0	199.0	201.8	203.2	203.2	203.2
62.5°	170.8	173.6	176.4	179.2	180.6	182.1	183.5	184.9	184.9	184.9
65°	153.8	156.7	159.5	160.9	162.3	162.3	163.7	165.1	166.5	166.5
67.5°	135.5	138.3	141.1	142.5	144.0	144.0	145.4	146.8	146.8	146.8
70°	117.1	118.5	121.4	122.8	124.2	124.2	127.0	127.0	127.0	127.0
72.5°	98.8	100.2	103.0	104.4	105.8	105.8	107.3	108.7	108.7	108.7
75°	81.9	83.3	84.7	87.5	87.5	87.5	88.9	90.3	90.3	90.3
77.5°	64.9	66.3	67.7	69.2	70.6	70.6	72.0	73.4	73.4	73.4
80°	49.4	50.8	52.2	53.6	53.6	55.0	55.0	56.5	56.5	56.5
82.5°	35.3	36.7	38.1	39.5	40.9	40.9	42.3	43.7	43.7	42.3
85°	24.0	26.8	28.2	29.6	29.6	29.6	31.0	32.5	32.5	31.0
87.5°	16.9	16.9	18.3	19.8	19.8	21.2	21.2	22.6	22.6	22.6
90°	9.9	9.9	11.3	11.3	12.7	12.7	12.7	14.1	14.1	14.1
92.5°	24.0	24.0	25.4	25.4	25.4	25.4	26.8	26.8	26.8	26.8
95°	256.9	115.7	97.4	59.3	56.5	49.4	48.0	49.4	49.4	48.0
97.5°	862.3	923.0	961.1	979.4	956.8	932.9	906.0	901.8	865.1	783.3
100°	930.0	978.0	1024.6	1057.0	1069.7	1081.0	1106.4	1122.0	1129.0	1136.1
102.5°	963.9	1014.7	1055.6	1096.6	1113.5	1129.0	1151.6	1169.9	1177.0	1182.7
105°	993.5	1045.8	1090.9	1127.6	1143.1	1157.2	1179.8	1196.8	1209.5	1210.9
107.5°	1000.6	1055.6	1106.4	1151.6	1169.9	1185.5	1212.3	1225.0	1236.3	1236.3
110°	1013.3	1065.5	1112.1	1153.0	1171.4	1189.7	1217.9	1237.7	1249.0	1251.8



TEST NUMBER: P395769

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (5700K)

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	1023.2	1076.8	1120.6	1161.5	1177.0	1193.9	1220.8	1239.1	1249.0	1253.2
115°	1031.6	1083.9	1127.6	1165.7	1182.7	1199.6	1226.4	1241.9	1253.2	1257.4
117.5°	1037.3	1088.1	1131.8	1167.1	1185.5	1199.6	1225.0	1241.9	1253.2	1254.6
120°	1038.7	1089.5	1131.8	1167.1	1182.7	1198.2	1223.6	1240.5	1251.8	1251.8
122.5°	1038.7	1088.1	1130.4	1164.3	1178.4	1192.5	1216.5	1236.3	1246.2	1246.2
125°	1033.1	1082.5	1123.4	1157.2	1171.4	1184.1	1209.5	1227.8	1237.7	1239.1
127.5°	1024.6	1072.6	1113.5	1147.4	1161.5	1172.8	1199.6	1216.5	1226.4	1227.8
130°	1013.3	1061.3	1100.8	1133.3	1147.4	1160.1	1182.7	1201.0	1212.3	1215.1
132.5°	1000.6	1045.8	1085.3	1116.3	1130.4	1141.7	1164.3	1182.7	1192.5	1196.8
135°	985.1	1027.4	1065.5	1096.6	1110.7	1122.0	1143.1	1161.5	1171.4	1175.6
137.5°	965.3	1006.2	1042.9	1074.0	1086.7	1098.0	1119.1	1136.1	1144.5	1150.2
140°	942.7	980.8	1018.9	1047.2	1059.9	1071.2	1089.5	1107.9	1116.3	1120.6
142.5°	918.7	956.8	990.7	1018.9	1030.2	1041.5	1059.9	1076.8	1085.3	1086.7
145°	893.3	930.0	961.1	987.9	997.8	1009.1	1026.0	1042.9	1051.4	1052.8
147.5°	865.1	899.0	928.6	954.0	965.3	973.8	989.3	1004.8	1013.3	1014.7
150°	832.7	863.7	890.5	915.9	925.8	934.3	951.2	965.3	973.8	975.2
152.5°	801.6	831.2	853.8	876.4	886.3	894.8	908.9	923.0	931.4	932.9
155°	769.1	796.0	818.5	836.9	845.4	853.8	865.1	877.8	884.9	886.3
157.5°	735.3	760.7	780.4	797.4	805.8	812.9	822.8	834.1	838.3	841.1
160°	698.6	719.8	736.7	753.6	760.7	767.7	777.6	786.1	791.7	793.1
162.5°	659.1	677.4	691.5	707.1	711.3	716.9	726.8	735.3	739.5	740.9
165°	618.1	635.1	647.8	660.5	663.3	667.5	674.6	683.1	685.9	688.7
167.5°	577.2	591.3	599.8	611.1	615.3	618.1	625.2	630.8	633.7	635.1
170°	537.7	547.6	554.6	563.1	564.5	568.7	573.0	578.6	580.0	580.0
172.5°	506.6	510.9	515.1	517.9	519.4	520.8	523.6	525.0	525.0	525.0
175°	486.9	489.7	489.7	491.1	491.1	491.1	491.1	491.1	491.1	491.1
177.5°	475.6	475.6	475.6	474.2	474.2	474.2	474.2	472.8	472.8	472.8
180°	472.8	472.8	472.8	472.8	472.8	472.8	472.8	472.8	472.8	472.8

(END OF REPORT)