

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: P395453

Luminaire Tested: **I3-CL-60L92765-1D-UNV-W2A-W-4 (3500K)**

Issue Date: 5/6/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P395453  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-656-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: I3-CL-60L92765-1D-UNV-W2A-W-4 (3500K)  
Description: CORELITE I3, CLEAR TOP COVER  
6000 LUMENS, VIVIDTUNE TUNABLE WHITE  
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 3500K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4760.6 lumens  
Efficiency: N/A  
Efficacy: 107.7 lumens/watt  
Spacing Criteria (0/90/45): 1.32 / 1.52 / 1.54  
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')  
CIE Type: Semi-Indirect

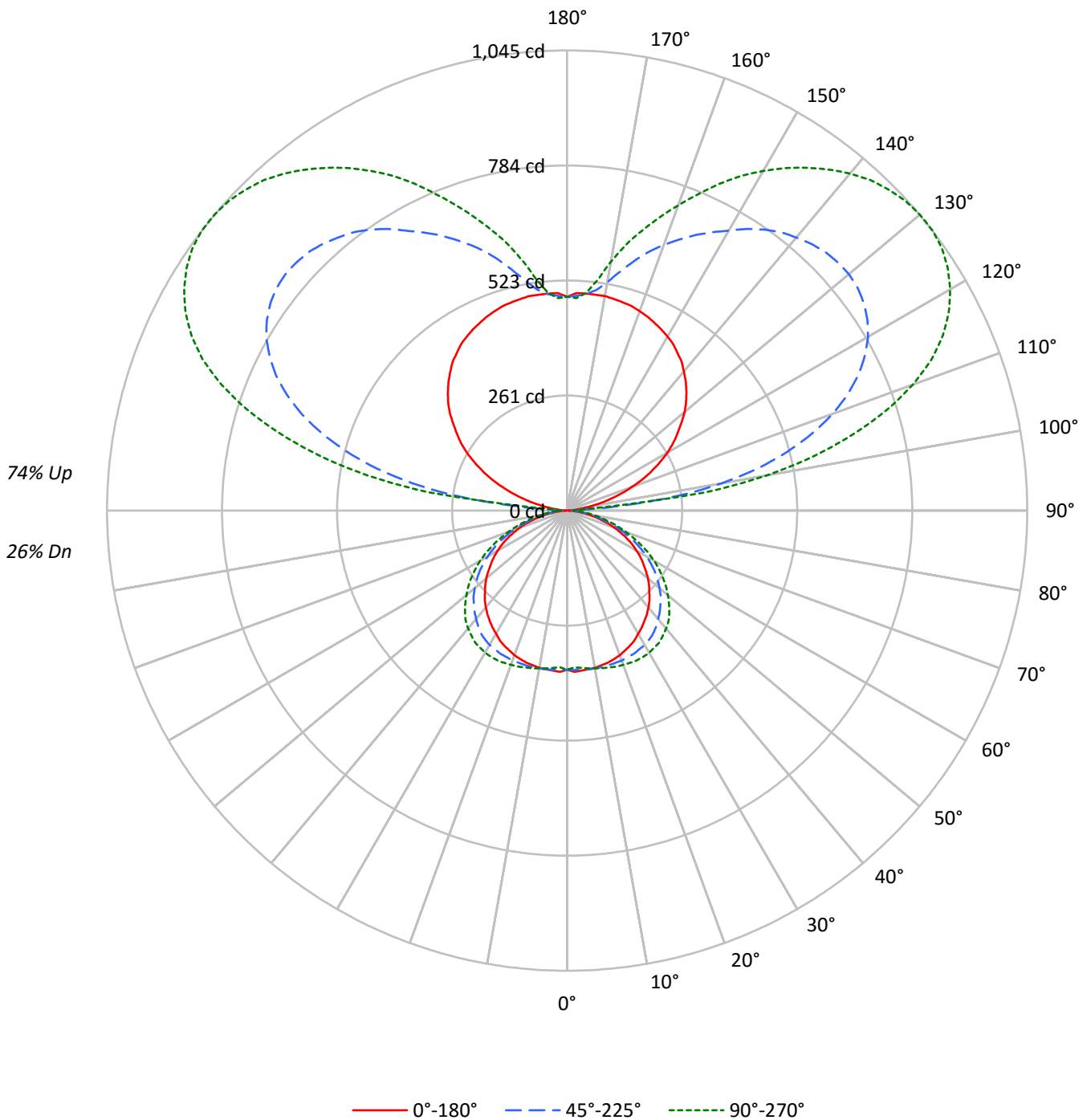
Input Watts (W): 44.2  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: I3-CL-60L92765-1D-UNV-W2A-W-4 (3500K)

### 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	101	101	101	101	91	91	91	91	70	70	70	51	51	51	34	34	34	26
1	92	88	84	81	82	79	75	73	61	59	57	45	43	42	30	29	28	22
2	84	77	71	65	74	68	63	59	53	50	47	39	37	35	26	25	24	18
3	76	67	60	54	68	60	54	49	47	42	39	34	32	29	23	21	20	15
4	70	59	51	45	62	53	46	41	41	37	33	30	27	25	20	18	17	13
5	64	52	44	39	56	47	40	35	37	32	28	27	24	21	18	16	15	11
6	58	47	39	33	52	42	35	30	33	28	24	24	21	18	16	14	13	9
7	54	42	34	29	48	38	31	26	30	25	21	22	19	16	15	13	11	8
8	50	38	30	25	44	34	27	23	27	22	18	20	17	14	14	11	10	7
9	46	34	27	22	41	31	25	20	24	20	16	18	15	13	12	10	9	6
10	43	31	24	20	38	28	22	18	22	18	15	17	13	11	11	9	8	6

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	1986	1986	1986
5°	2007	1955	1923
10°	2008	1940	1918
15°	2011	1933	1927
20°	2014	1933	1945
25°	2011	1936	1970
30°	2000	1938	1984
35°	1995	1928	1986
40°	1988	1886	1961
45°	1968	1841	1912
50°	1950	1780	1827
55°	1910	1691	1722
60°	1862	1572	1589
65°	1787	1412	1409
70°	1659	1202	1193
75°	1431	956	958
80°	1112	679	702
85°	653	420	471



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	34.6	0.7
10°-20°	102.7	2.2
20°-30°	164.6	3.5
30°-40°	210.6	4.4
40°-50°	229.6	4.8
50°-60°	215.1	4.5
60°-70°	166.9	3.5
70°-80°	95.7	2.0
80°-90°	30.6	0.6
90°-100°	122.8	2.6
100°-110°	477.3	10.0
110°-120°	649.8	13.6
120°-130°	674.5	14.2
130°-140°	598.3	12.6
140°-150°	464.2	9.8
150°-160°	309.8	6.5
160°-170°	165.1	3.5
170°-180°	48.3	1.0
0°-30°	301.9	6.3
0°-40°	512.5	10.8
0°-60°	957.2	20.1
0°-90°	1250.3	26.3
90°-120°	1249.9	26.3
90°-150°	2987.0	62.7
90°-180°	3510.0	73.7
0°-180°	4760.6	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	361	361	361	361	361	
5°	365	361	362	361	359	35
15°	357	356	364	369	369	101
25°	338	341	359	372	375	156
35°	306	313	341	359	365	192
45°	264	275	300	319	328	204
55°	211	223	243	260	265	189
65°	150	156	170	182	186	148
75°	78	82	90	99	101	83
85°	15	18	27	35	36	18
90°	1	4	9	13	15	2
95°	15	87	119	24	23	20
105°	101	306	519	616	675	108
115°	211	473	730	858	942	208
125°	306	557	822	966	1039	274
135°	383	587	830	974	1031	295
145°	437	587	779	904	950	274
155°	470	555	690	783	819	217
165°	489	510	587	642	658	138
175°	494	492	493	496	496	47
180°	486	486	486	486	486	



TEST NUMBER: P395453

CATALOG NUMBER: I3-CL-60L92765-1D-UNV-W2A-W-4 (3500K)

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	361.3	361.3	361.3	361.3	361.3	361.3	361.3	361.3	361.3	361.3	361.3
2.5°	366.4	365.1	365.1	362.5	362.5	361.3	361.3	361.3	361.3	361.3	362.5
5°	365.1	365.1	363.8	362.5	362.5	361.3	361.3	361.3	361.3	361.3	362.5
7.5°	363.8	363.8	362.5	361.3	361.3	361.3	361.3	361.3	361.3	361.3	363.8
10°	362.5	362.5	361.3	360.0	360.0	360.0	360.0	361.3	361.3	361.3	363.8
12.5°	360.0	358.7	358.7	357.4	357.4	357.4	358.7	358.7	360.0	361.3	363.8
15°	357.4	357.4	356.1	354.9	356.1	356.1	356.1	357.4	358.7	360.0	363.8
17.5°	353.6	353.6	352.3	352.3	352.3	353.6	353.6	354.9	357.4	360.0	362.5
20°	349.7	348.4	348.4	348.4	349.7	349.7	351.0	353.6	354.9	358.7	362.5
22.5°	343.3	344.6	343.3	343.3	344.6	345.9	347.2	349.7	352.3	356.1	360.0
25°	338.2	338.2	338.2	338.2	340.8	340.8	343.3	345.9	349.7	353.6	358.7
27.5°	331.8	331.8	331.8	333.1	334.4	335.6	336.9	340.8	344.6	349.7	354.9
30°	322.8	322.8	322.8	322.8	326.7	328.0	330.5	335.6	339.5	345.9	352.3
32.5°	315.1	315.1	315.1	316.4	319.0	320.3	322.8	329.2	334.4	340.8	347.2
35°	306.2	306.2	307.5	307.5	311.3	312.6	315.1	320.3	325.4	333.1	340.8
37.5°	297.2	297.2	298.5	299.8	302.3	304.9	307.5	312.6	317.7	324.1	331.8
40°	287.0	287.0	288.2	289.5	293.4	295.9	298.5	303.6	308.7	315.1	321.5
42.5°	276.7	276.7	278.0	279.3	283.1	285.7	288.2	294.6	299.8	306.2	311.3
45°	263.9	265.2	266.5	269.0	272.9	275.4	278.0	283.1	289.5	294.6	299.8
47.5°	252.4	253.6	254.9	257.5	261.3	263.9	266.5	271.6	276.7	281.8	288.2
50°	239.6	240.8	242.1	244.7	248.5	251.1	253.6	258.8	263.9	267.7	274.1
52.5°	225.5	226.7	228.0	230.6	235.7	237.0	239.6	244.7	248.5	253.6	258.8
55°	211.4	212.7	213.9	216.5	220.3	222.9	224.2	229.3	233.2	238.3	243.4
57.5°	197.3	198.6	199.8	202.4	205.0	207.5	208.8	212.7	217.8	221.6	226.7
60°	181.9	183.2	184.5	185.8	189.6	190.9	192.2	196.0	199.8	205.0	208.8
62.5°	166.5	166.5	167.8	169.1	172.9	174.2	175.5	178.1	183.2	185.8	189.6
65°	149.9	149.9	151.2	152.4	155.0	156.3	157.6	160.1	164.0	166.5	170.4
67.5°	131.9	131.9	133.2	134.5	137.1	138.4	138.4	142.2	144.8	147.3	149.9
70°	115.3	115.3	116.6	116.6	117.9	119.1	120.4	123.0	124.3	128.1	129.4
72.5°	97.4	97.4	97.4	97.4	99.9	99.9	101.2	103.8	105.0	107.6	110.2
75°	78.1	78.1	79.4	79.4	80.7	82.0	83.3	84.5	87.1	88.4	89.7
77.5°	61.5	60.2	61.5	62.8	64.1	64.1	65.3	66.6	67.9	70.5	71.7
80°	43.6	43.6	43.6	44.8	46.1	46.1	47.4	48.7	50.0	52.5	53.8
82.5°	28.2	28.2	29.5	29.5	30.7	32.0	32.0	33.3	34.6	37.2	38.4
85°	15.4	15.4	15.4	16.7	17.9	17.9	19.2	20.5	23.1	24.3	26.9
87.5°	5.1	5.1	6.4	7.7	9.0	9.0	10.2	11.5	12.8	15.4	16.7
90°	1.3	1.3	1.3	2.6	2.6	3.8	3.8	5.1	6.4	7.7	9.0
92.5°	5.1	9.0	14.1	20.5	19.2	20.5	14.1	9.0	9.0	9.0	10.2
95°	15.4	23.1	37.2	58.9	76.9	87.1	96.1	105.0	123.0	124.3	119.1
97.5°	30.7	42.3	67.9	96.1	128.1	144.8	157.6	184.5	212.7	230.6	252.4
100°	51.2	67.9	101.2	139.6	176.8	198.6	219.1	257.5	292.1	322.8	356.1
102.5°	75.6	94.8	135.8	183.2	229.3	253.6	275.4	320.3	367.7	408.7	444.5
105°	101.2	123.0	171.7	225.5	278.0	306.2	333.1	381.8	431.7	476.6	518.8
107.5°	129.4	152.4	205.0	265.2	324.1	356.1	385.6	438.1	490.6	539.3	584.2
110°	156.3	181.9	237.0	302.3	368.9	401.0	430.4	488.1	543.2	594.4	641.8



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CATALOG NUMBER: I3-CL-60L92765-1D-UNV-W2A-W-4 (3500K)

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	184.5	211.4	266.5	338.2	406.1	439.4	470.1	531.6	589.3	641.8	689.2
115°	211.4	237.0	294.6	368.9	438.1	472.7	506.0	568.8	629.0	681.5	730.2
117.5°	237.0	261.3	320.3	394.6	466.3	500.9	534.2	599.5	659.7	714.8	762.2
120°	262.6	284.4	348.4	416.3	489.4	524.0	558.5	623.9	685.4	740.5	789.1
122.5°	285.7	306.2	368.9	435.6	507.3	543.2	576.5	643.1	705.9	760.9	808.3
125°	306.2	325.4	388.2	450.9	522.7	557.3	591.8	657.2	720.0	773.8	822.4
127.5°	326.7	345.9	402.3	466.3	532.9	568.8	602.1	667.4	728.9	784.0	831.4
130°	348.4	362.5	416.3	480.4	543.2	576.5	611.1	673.8	734.0	787.8	835.2
132.5°	366.4	379.2	430.4	491.9	550.9	582.9	613.6	676.4	736.6	787.8	834.0
135°	383.0	393.3	440.7	502.2	557.3	586.7	616.2	675.1	734.0	785.3	830.1
137.5°	398.4	408.7	449.7	509.9	562.4	588.0	616.2	671.3	727.6	778.9	821.2
140°	412.5	420.2	457.3	513.7	564.9	589.3	613.6	664.9	717.4	767.4	809.6
142.5°	426.6	433.0	463.7	516.3	566.2	589.3	612.3	657.2	705.9	754.5	796.8
145°	436.8	443.2	468.9	517.5	564.9	586.7	607.2	649.5	693.1	737.9	778.9
147.5°	448.4	453.5	474.0	515.0	561.1	581.6	600.8	639.2	679.0	720.0	758.4
150°	456.1	461.2	476.6	512.4	554.7	573.9	593.1	629.0	664.9	700.7	734.0
152.5°	463.7	467.6	480.4	508.6	547.0	564.9	582.9	617.5	650.8	682.8	712.3
155°	470.1	474.0	483.0	506.0	538.0	554.7	571.4	604.7	635.4	663.6	690.5
157.5°	476.6	479.1	485.5	502.2	527.8	543.2	558.5	588.0	616.2	644.4	666.1
160°	481.7	483.0	488.1	500.9	518.8	530.4	544.4	571.4	597.0	621.3	641.8
162.5°	486.8	486.8	490.6	498.3	511.1	518.8	529.1	552.1	575.2	597.0	616.2
165°	489.4	489.4	491.9	497.0	504.7	509.9	516.3	531.6	549.6	568.8	586.7
167.5°	491.9	491.9	493.2	495.8	500.9	503.5	506.0	516.3	527.8	541.9	556.0
170°	494.5	493.2	493.2	495.8	497.0	498.3	499.6	504.7	509.9	518.8	526.5
172.5°	494.5	493.2	493.2	494.5	494.5	494.5	494.5	495.8	497.0	502.2	504.7
175°	494.5	493.2	493.2	493.2	493.2	491.9	491.9	491.9	491.9	491.9	493.2
177.5°	494.5	493.2	491.9	491.9	490.6	490.6	489.4	489.4	488.1	488.1	488.1
180°	485.5	485.5	485.5	485.5	485.5	485.5	485.5	485.5	485.5	485.5	485.5



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	361.3	361.3	361.3	361.3	361.3	361.3	361.3	361.3	361.3	361.3
2.5°	362.5	362.5	361.3	361.3	360.0	360.0	358.7	357.4	356.1	356.1
5°	363.8	362.5	361.3	361.3	361.3	360.0	360.0	360.0	358.7	358.7
7.5°	363.8	363.8	363.8	362.5	362.5	362.5	362.5	362.5	361.3	361.3
10°	365.1	365.1	365.1	365.1	365.1	365.1	365.1	363.8	363.8	363.8
12.5°	365.1	365.1	365.1	366.4	366.4	366.4	366.4	366.4	366.4	366.4
15°	366.4	366.4	367.7	367.7	368.9	368.9	370.2	370.2	370.2	368.9
17.5°	365.1	366.4	367.7	368.9	370.2	370.2	371.5	371.5	371.5	371.5
20°	365.1	367.7	368.9	370.2	371.5	371.5	372.8	374.1	374.1	372.8
22.5°	363.8	366.4	367.7	370.2	371.5	371.5	374.1	374.1	374.1	374.1
25°	362.5	365.1	367.7	370.2	371.5	371.5	374.1	374.1	375.3	375.3
27.5°	360.0	362.5	366.4	368.9	370.2	371.5	372.8	374.1	374.1	374.1
30°	356.1	360.0	363.8	366.4	367.7	368.9	370.2	371.5	372.8	372.8
32.5°	351.0	354.9	358.7	362.5	363.8	365.1	367.7	368.9	368.9	368.9
35°	345.9	349.7	353.6	357.4	358.7	360.0	362.5	363.8	365.1	365.1
37.5°	338.2	342.0	345.9	349.7	351.0	353.6	356.1	357.4	357.4	357.4
40°	326.7	333.1	338.2	342.0	343.3	345.9	347.2	349.7	349.7	349.7
42.5°	316.4	321.5	325.4	330.5	331.8	335.6	338.2	339.5	340.8	340.8
45°	304.9	310.0	313.9	317.7	319.0	321.5	324.1	325.4	326.7	328.0
47.5°	293.4	297.2	301.0	304.9	306.2	308.7	311.3	312.6	313.9	313.9
50°	279.3	283.1	287.0	290.8	292.1	294.6	295.9	297.2	298.5	298.5
52.5°	263.9	267.7	271.6	275.4	276.7	278.0	280.6	281.8	283.1	283.1
55°	248.5	252.4	254.9	258.8	260.1	261.3	262.6	265.2	266.5	265.2
57.5°	230.6	234.4	237.0	240.8	242.1	243.4	244.7	246.0	247.2	247.2
60°	211.4	215.2	219.1	221.6	222.9	224.2	225.5	226.7	228.0	228.0
62.5°	192.2	196.0	198.6	202.4	203.7	203.7	205.0	206.3	207.5	207.5
65°	172.9	176.8	178.1	181.9	181.9	183.2	184.5	185.8	185.8	185.8
67.5°	152.4	156.3	157.6	160.1	160.1	161.4	162.7	164.0	164.0	164.0
70°	133.2	134.5	137.1	138.4	139.6	139.6	140.9	142.2	143.5	142.2
72.5°	112.7	114.0	116.6	117.9	117.9	119.1	119.1	120.4	121.7	121.7
75°	92.2	94.8	96.1	97.4	98.6	98.6	99.9	101.2	101.2	101.2
77.5°	73.0	75.6	76.9	78.1	79.4	79.4	80.7	80.7	82.0	80.7
80°	56.4	57.6	58.9	60.2	61.5	61.5	62.8	64.1	64.1	64.1
82.5°	41.0	42.3	44.8	46.1	46.1	46.1	48.7	48.7	50.0	48.7
85°	28.2	29.5	32.0	33.3	34.6	34.6	34.6	35.9	37.2	35.9
87.5°	17.9	20.5	21.8	23.1	23.1	23.1	24.3	25.6	25.6	25.6
90°	10.2	10.2	11.5	12.8	12.8	14.1	14.1	15.4	15.4	15.4
92.5°	10.2	11.5	11.5	11.5	12.8	12.8	12.8	14.1	14.1	14.1
95°	87.1	62.8	35.9	28.2	24.3	24.3	23.1	24.3	23.1	23.1
97.5°	263.9	285.7	295.9	310.0	317.7	316.4	311.3	316.4	312.6	316.4
100°	375.3	395.8	411.2	415.1	422.7	426.6	440.7	450.9	456.1	462.5
102.5°	466.3	490.6	508.6	518.8	526.5	531.6	548.3	563.7	571.4	576.5
105°	549.6	575.2	597.0	607.2	616.2	621.3	639.2	657.2	668.7	675.1
107.5°	616.2	645.7	668.7	684.1	693.1	702.0	723.8	741.7	755.8	762.2
110°	676.4	705.9	730.2	748.1	758.4	767.4	791.7	812.2	827.6	835.2





TEST NUMBER: P395453

CATALOG NUMBER: I3-CL-60L92765-1D-UNV-W2A-W-4 (3500K)

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	726.4	758.4	782.7	801.9	812.2	825.0	848.1	871.1	886.5	895.5
115°	767.4	800.7	826.3	846.8	858.3	869.8	896.7	919.8	935.2	941.6
117.5°	801.9	835.2	862.2	882.6	895.5	908.3	935.2	955.7	972.3	977.4
120°	830.1	863.4	890.3	913.4	926.2	937.7	963.4	985.1	1000.5	1004.3
122.5°	849.3	883.9	912.1	937.7	949.3	960.8	985.1	1006.9	1021.0	1024.8
125°	863.4	899.3	927.5	954.4	965.9	977.4	1000.5	1022.3	1033.8	1038.9
127.5°	872.4	908.3	939.0	964.6	977.4	987.7	1010.8	1030.0	1041.5	1045.3
130°	875.0	912.1	942.9	969.8	981.3	991.5	1013.3	1032.5	1042.8	1045.3
132.5°	875.0	910.8	942.9	968.5	980.0	990.3	1010.8	1028.7	1038.9	1041.5
135°	869.8	904.4	936.5	962.1	973.6	983.9	1004.3	1019.7	1030.0	1031.3
137.5°	860.9	894.2	924.9	950.5	962.1	972.3	990.3	1006.9	1015.9	1018.4
140°	849.3	880.1	910.8	935.2	946.7	955.7	973.6	987.7	996.7	999.2
142.5°	834.0	864.7	892.9	917.2	926.2	936.5	951.8	965.9	973.6	976.2
145°	817.3	846.8	872.4	894.2	904.4	913.4	927.5	940.3	948.0	950.5
147.5°	795.5	825.0	849.3	869.8	878.8	887.8	900.6	912.1	919.8	922.4
150°	768.6	795.5	821.2	840.4	849.3	858.3	871.1	881.4	889.1	890.3
152.5°	741.7	767.4	789.1	808.3	817.3	826.3	837.8	848.1	857.0	857.0
155°	716.1	737.9	758.4	775.0	782.7	790.4	801.9	810.9	818.6	818.6
157.5°	689.2	709.7	726.4	741.7	748.1	754.5	764.8	772.5	778.9	777.6
160°	663.6	679.0	694.3	707.1	713.5	718.7	726.4	732.8	739.2	737.9
162.5°	635.4	649.5	662.3	671.3	676.4	680.2	687.9	694.3	698.2	698.2
165°	603.4	616.2	627.7	636.7	641.8	644.4	650.8	654.6	658.5	658.5
167.5°	570.1	580.3	590.6	598.3	603.4	605.9	612.3	614.9	620.0	618.8
170°	536.8	544.4	552.1	558.5	561.1	563.7	568.8	571.4	573.9	573.9
172.5°	509.9	512.4	516.3	521.4	521.4	522.7	525.2	526.5	527.8	527.8
175°	494.5	495.8	495.8	495.8	495.8	495.8	497.0	495.8	497.0	495.8
177.5°	488.1	488.1	486.8	486.8	485.5	486.8	485.5	484.2	484.2	483.0
180°	485.5	485.5	485.5	485.5	485.5	485.5	485.5	485.5	485.5	485.5

(END OF REPORT)