

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: P395691

Luminaire Tested: **I3-UL-30L92765-1D-UNV-W2A-W-4 (5700K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395691
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-30L92765-1D-UNV-W2A-W-4 (5700K)
Description: CORELITE I3, OPEN TOP
3000 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: 2857.8 lumens
Efficiency: N/A
Efficacy: 134.2 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

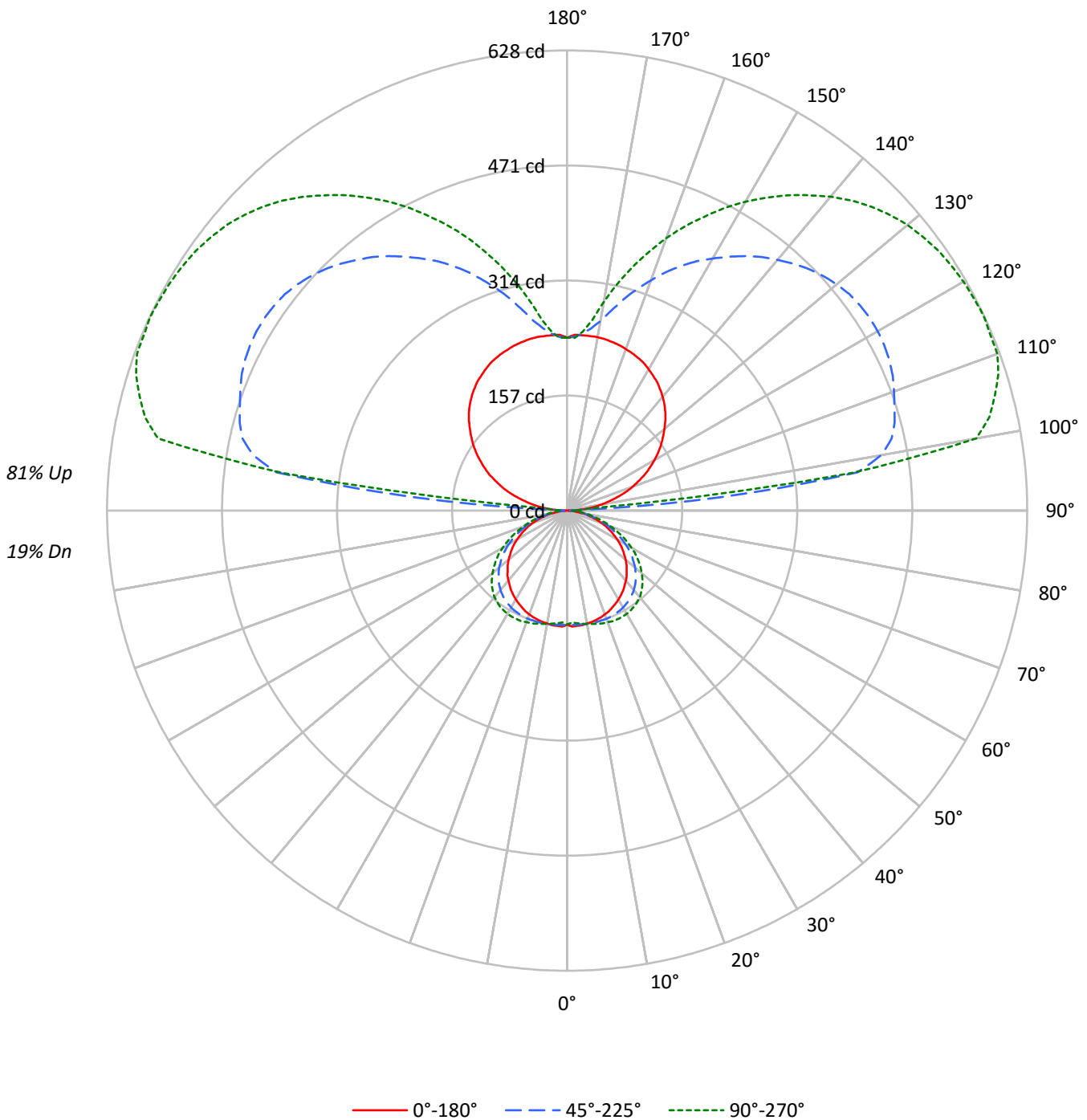
Input Watts (W): 21.3
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	855	855	855
5°	867	843	827
10°	866	838	828
15°	868	835	835
20°	868	838	845
25°	867	840	858
30°	868	841	866
35°	867	837	870
40°	864	831	865
45°	856	813	846
50°	848	786	815
55°	834	749	768
60°	808	695	707
65°	772	619	630
70°	729	537	532
75°	632	420	427
80°	502	302	309
85°	297	176	203



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CATALOG NUMBER: I3-UL-30L92765-1D-UNV-W2A-W-4 (5700K)

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.9	0.5
10°-20°	44.4	1.6
20°-30°	71.4	2.5
30°-40°	91.9	3.2
40°-50°	101.0	3.5
50°-60°	94.9	3.3
60°-70°	73.7	2.6
70°-80°	42.3	1.5
80°-90°	13.6	0.5
90°-100°	182.7	6.4
100°-110°	434.1	15.2
110°-120°	436.1	15.3
120°-130°	399.9	14.0
130°-140°	334.4	11.7
140°-150°	251.0	8.8
150°-160°	163.4	5.7
160°-170°	84.1	2.9
170°-180°	23.8	0.8
0°-30°	130.8	4.6
0°-40°	222.7	7.8
0°-60°	418.6	14.6
0°-90°	548.2	19.2
90°-120°	1052.9	36.8
90°-150°	2038.2	71.3
90°-180°	2310.0	80.8
0°-180°	2857.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	156	156	156	156	156	
5°	158	156	156	156	154	15
15°	154	154	157	159	160	44
25°	146	147	156	161	163	67
35°	133	137	148	157	160	83
45°	115	120	132	142	145	89
55°	92	97	108	116	118	82
65°	65	68	75	81	83	64
75°	34	36	39	44	45	37
85°	7	8	11	15	16	8
90°	1	2	4	6	7	2
95°	25	204	210	28	24	25
105°	71	274	463	570	604	75
115°	118	308	485	590	628	116
125°	156	322	488	585	618	140
135°	190	320	466	554	587	146
145°	214	307	424	498	525	134
155°	230	282	368	422	442	106
165°	238	254	299	331	344	67
175°	240	240	242	245	245	23
180°	236	236	236	236	236	



TEST NUMBER: P395691

CATALOG NUMBER: I3-UL-30L92765-1D-UNV-W2A-W-4 (5700K)

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6
2.5°	158.5	157.8	157.1	157.1	156.4	156.4	156.4	155.6	155.6	155.6	156.4
5°	157.8	157.8	157.1	156.4	156.4	156.4	155.6	155.6	155.6	155.6	156.4
7.5°	157.8	157.1	156.4	156.4	155.6	155.6	155.6	155.6	155.6	155.6	156.4
10°	156.4	156.4	155.6	155.6	154.9	155.6	155.6	155.6	155.6	155.6	157.1
12.5°	155.6	155.6	154.9	154.2	154.2	154.2	154.9	154.9	154.9	155.6	157.1
15°	154.2	154.2	153.5	153.5	153.5	153.5	154.2	154.2	154.9	155.6	157.1
17.5°	152.8	152.8	152.1	152.1	152.1	152.8	152.8	153.5	154.2	155.6	157.1
20°	150.7	150.7	150.7	150.7	150.7	151.4	151.4	152.1	153.5	154.9	157.1
22.5°	148.6	148.6	148.6	148.6	148.6	149.3	150.0	151.4	152.1	154.2	156.4
25°	145.8	145.8	145.8	145.8	146.5	147.2	147.9	149.3	150.7	152.8	155.6
27.5°	143.0	143.7	143.7	143.7	144.4	145.1	145.8	147.2	149.3	152.1	154.2
30°	140.2	140.2	140.2	140.9	141.6	142.3	143.7	145.1	147.2	150.0	152.8
32.5°	136.6	136.6	137.3	137.3	138.7	139.5	140.9	143.0	145.1	147.9	150.7
35°	133.1	133.1	133.1	134.5	135.2	136.6	137.3	139.5	142.3	145.1	147.9
37.5°	128.9	129.6	129.6	130.3	131.7	133.1	133.8	136.6	139.5	142.3	145.1
40°	124.7	125.4	125.4	126.1	128.2	128.9	130.3	133.1	135.2	138.7	141.6
42.5°	120.4	120.4	121.1	121.8	124.0	124.7	126.1	128.9	131.7	134.5	137.3
45°	114.8	115.5	116.2	116.9	119.0	120.4	121.8	124.0	126.8	129.6	132.4
47.5°	109.9	109.9	110.6	112.0	114.1	115.5	116.2	119.0	121.1	124.0	126.8
50°	104.2	104.9	104.9	106.3	108.5	109.9	110.6	113.4	115.5	118.3	121.1
52.5°	97.9	98.6	99.3	100.7	102.8	104.2	104.9	107.1	109.2	112.0	114.1
55°	92.3	93.0	93.0	94.4	96.5	97.2	98.6	100.0	102.8	104.9	107.8
57.5°	85.9	86.6	86.6	88.0	89.4	90.9	91.6	93.7	95.8	97.9	100.0
60°	78.9	79.6	80.3	81.0	82.4	83.8	84.5	85.9	88.0	90.1	92.3
62.5°	71.8	72.5	73.2	74.0	75.4	76.1	76.8	78.9	80.3	82.4	83.8
65°	64.8	65.5	66.2	66.9	67.6	68.3	69.0	70.4	71.8	74.0	74.7
67.5°	57.8	58.5	58.5	59.2	59.9	60.6	61.3	62.7	63.4	65.5	66.2
70°	50.7	50.7	50.7	51.4	51.4	52.1	52.8	54.2	54.9	56.3	57.8
72.5°	42.3	43.0	43.0	43.0	43.7	44.4	45.1	45.8	46.5	47.2	48.6
75°	34.5	35.2	34.5	35.2	35.9	35.9	36.6	37.3	38.0	38.7	39.4
77.5°	27.5	26.8	27.5	27.5	28.2	28.2	28.2	28.9	30.3	30.3	31.7
80°	19.7	19.7	19.7	19.7	20.4	20.4	21.1	21.1	22.5	23.2	23.9
82.5°	12.7	12.7	13.4	13.4	13.4	14.1	14.1	14.8	15.5	16.2	16.9
85°	7.0	7.0	7.0	7.7	7.7	8.5	8.5	9.2	9.9	10.6	11.3
87.5°	2.1	2.8	3.5	3.5	4.2	4.2	4.9	4.9	6.3	7.0	7.7
90°	0.7	0.7	1.4	1.4	1.4	2.1	2.1	2.8	2.8	3.5	4.2
92.5°	12.0	28.2	58.5	87.3	75.4	70.4	42.3	12.7	11.3	12.0	12.0
95°	24.7	46.5	85.2	138.0	178.9	204.2	221.1	253.5	286.6	281.0	209.9
97.5°	35.9	59.9	102.8	151.4	207.8	236.6	258.5	297.2	339.5	374.7	400.0
100°	47.2	71.8	117.6	168.3	220.4	246.5	271.9	324.7	366.2	401.4	435.3
102.5°	59.2	83.8	131.0	183.8	235.2	260.6	285.2	331.7	378.2	420.5	453.6
105°	71.1	96.5	143.0	197.2	248.6	274.0	297.9	342.3	385.2	424.7	462.7
107.5°	83.8	107.8	153.5	207.8	259.2	284.5	308.5	352.9	394.4	433.8	468.4
110°	95.1	118.3	164.1	217.6	269.0	294.4	318.3	362.7	403.6	440.9	474.7



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CATALOG NUMBER: I3-UL-30L92765-1D-UNV-W2A-W-4 (5700K)

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	105.6	128.2	174.0	226.1	276.8	302.1	325.4	369.8	410.6	447.2	481.0
115°	117.6	137.3	183.8	233.8	283.8	308.5	331.7	375.4	416.2	452.2	485.3
117.5°	127.5	146.5	192.3	240.2	289.5	313.4	335.9	379.6	419.8	455.7	488.1
120°	137.3	154.9	200.0	245.8	293.7	316.9	339.5	382.4	422.6	457.8	489.5
122.5°	147.2	163.4	206.4	251.4	297.2	320.5	342.3	384.5	424.0	458.5	489.5
125°	156.4	170.4	212.0	255.7	299.3	321.9	343.0	384.5	423.3	457.1	488.1
127.5°	164.8	178.2	216.2	259.9	300.7	322.6	343.0	383.1	421.9	455.0	485.3
130°	173.3	185.2	220.4	262.0	302.1	321.9	341.6	380.3	418.4	451.5	480.3
132.5°	181.7	193.0	224.0	264.1	302.8	321.9	340.2	377.5	414.1	446.5	474.0
135°	189.5	198.6	227.5	265.5	302.1	320.5	337.4	372.6	407.8	439.5	466.2
137.5°	196.5	204.2	230.3	266.2	301.4	318.3	335.2	366.9	400.0	431.0	457.1
140°	202.8	209.9	231.7	266.2	298.6	315.5	331.0	361.3	391.6	421.2	446.5
142.5°	208.5	214.8	233.8	264.8	295.8	312.0	326.8	355.7	383.1	411.3	436.0
145°	214.1	219.0	235.2	264.1	292.3	307.1	321.2	348.6	375.4	400.7	424.0
147.5°	218.3	223.3	236.6	261.3	288.1	301.4	314.8	340.9	365.5	389.5	410.6
150°	222.6	226.8	237.3	258.5	283.1	295.1	307.1	331.7	355.7	377.5	397.2
152.5°	226.8	229.6	239.5	255.7	277.5	288.8	300.7	322.6	344.4	364.8	383.8
155°	229.6	231.7	240.2	252.8	271.9	281.7	291.6	312.0	331.7	350.7	368.3
157.5°	232.4	234.5	240.9	250.7	265.5	274.7	283.1	300.7	319.0	335.9	352.1
160°	234.5	235.9	240.9	249.3	259.9	266.2	274.0	290.2	305.7	320.5	334.5
162.5°	236.6	237.3	240.9	247.2	255.0	259.2	264.8	277.5	291.6	304.3	316.9
165°	238.1	238.8	240.9	245.8	250.7	254.3	257.1	266.2	276.8	288.1	298.6
167.5°	239.5	239.5	240.9	244.4	247.2	249.3	251.4	256.4	263.4	271.9	279.6
170°	240.2	240.2	240.9	243.0	245.1	245.8	247.2	250.0	253.5	257.8	262.7
172.5°	240.2	240.2	240.2	241.6	242.3	242.3	242.3	243.7	245.8	248.6	250.7
175°	240.2	239.5	239.5	240.2	239.5	239.5	239.5	239.5	240.2	241.6	242.3
177.5°	240.2	239.5	238.8	238.8	238.1	238.1	237.3	237.3	237.3	237.3	237.3
180°	235.9	235.9	235.9	235.9	235.9	235.9	235.9	235.9	235.9	235.9	235.9



TEST NUMBER: P395691

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6
2.5°	156.4	156.4	155.6	154.9	154.9	154.9	154.2	153.5	152.8	152.8
5°	156.4	156.4	155.6	155.6	155.6	155.6	154.9	154.9	154.2	154.2
7.5°	157.1	156.4	156.4	156.4	156.4	156.4	156.4	156.4	155.6	155.6
10°	157.1	157.1	157.1	157.1	157.1	157.1	157.1	157.1	157.1	157.1
12.5°	157.8	157.8	157.8	157.8	158.5	158.5	158.5	158.5	158.5	158.5
15°	157.8	158.5	159.2	159.2	159.2	159.9	159.9	159.9	159.9	159.9
17.5°	158.5	159.2	159.9	159.9	160.6	160.6	161.3	161.3	161.3	161.3
20°	158.5	159.2	159.9	160.6	161.3	161.3	162.0	162.7	162.7	162.0
22.5°	157.8	159.2	159.9	160.6	161.3	162.0	162.7	163.4	163.4	163.4
25°	157.1	158.5	159.9	161.3	161.3	162.0	163.4	163.4	163.4	163.4
27.5°	156.4	157.8	159.2	160.6	161.3	162.0	162.7	163.4	163.4	163.4
30°	154.9	157.1	158.5	159.9	160.6	161.3	162.0	162.7	162.7	162.7
32.5°	152.8	154.9	156.4	158.5	159.2	159.9	160.6	161.3	161.3	161.3
35°	150.7	152.8	154.2	156.4	157.1	157.8	159.2	159.2	159.9	159.9
37.5°	147.2	150.0	151.4	153.5	154.2	154.9	156.4	157.1	157.1	157.1
40°	143.7	146.5	147.9	150.0	150.7	151.4	152.8	153.5	154.2	154.2
42.5°	139.5	142.3	143.7	145.8	146.5	147.2	148.6	149.3	150.0	150.0
45°	135.2	137.3	138.7	140.9	142.3	142.3	143.7	144.4	145.1	145.1
47.5°	129.6	131.7	133.1	135.2	136.6	137.3	138.0	138.7	139.5	139.5
50°	123.3	125.4	127.5	128.9	130.3	130.3	131.7	132.4	133.1	133.1
52.5°	116.9	118.3	120.4	122.5	123.3	124.0	124.7	125.4	126.1	126.1
55°	109.9	111.3	113.4	114.8	115.5	116.2	116.9	117.6	118.3	118.3
57.5°	102.1	103.5	105.6	107.1	107.8	108.5	109.2	109.9	110.6	110.6
60°	93.7	95.1	97.2	98.6	99.3	99.3	100.7	101.4	101.4	101.4
62.5°	85.2	86.6	88.0	89.4	90.1	90.9	91.6	92.3	92.3	92.3
65°	76.8	78.2	79.6	80.3	81.0	81.0	81.7	82.4	83.1	83.1
67.5°	67.6	69.0	70.4	71.1	71.8	71.8	72.5	73.2	73.2	73.2
70°	58.5	59.2	60.6	61.3	62.0	62.0	63.4	63.4	63.4	63.4
72.5°	49.3	50.0	51.4	52.1	52.8	52.8	53.5	54.2	54.2	54.2
75°	40.8	41.6	42.3	43.7	43.7	43.7	44.4	45.1	45.1	45.1
77.5°	32.4	33.1	33.8	34.5	35.2	35.2	35.9	36.6	36.6	36.6
80°	24.7	25.4	26.1	26.8	26.8	27.5	27.5	28.2	28.2	28.2
82.5°	17.6	18.3	19.0	19.7	20.4	20.4	21.1	21.8	21.8	21.1
85°	12.0	13.4	14.1	14.8	14.8	14.8	15.5	16.2	16.2	15.5
87.5°	8.5	8.5	9.2	9.9	9.9	10.6	10.6	11.3	11.3	11.3
90°	4.9	4.9	5.6	5.6	6.3	6.3	6.3	7.0	7.0	7.0
92.5°	12.0	12.0	12.7	12.7	12.7	12.7	13.4	13.4	13.4	13.4
95°	128.2	57.8	48.6	29.6	28.2	24.7	23.9	24.7	24.7	23.9
97.5°	430.3	460.6	479.6	488.8	477.5	465.5	452.2	450.0	431.7	390.9
100°	464.1	488.1	511.3	527.5	533.9	539.5	552.2	559.9	563.4	567.0
102.5°	481.0	506.4	526.8	547.2	555.7	563.4	574.7	583.9	587.4	590.2
105°	495.8	521.9	544.4	562.7	570.5	577.5	588.8	597.2	603.6	604.3
107.5°	499.3	526.8	552.2	574.7	583.9	591.6	605.0	611.3	617.0	617.0
110°	505.7	531.7	555.0	575.4	584.6	593.7	607.8	617.7	623.3	624.7



TEST NUMBER: P395691

CATALOG NUMBER: I3-UL-30L92765-1D-UNV-W2A-W-4 (5700K)

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	510.6	537.4	559.2	579.6	587.4	595.8	609.2	618.4	623.3	625.4
115°	514.8	540.9	562.7	581.7	590.2	598.7	612.0	619.8	625.4	627.5
117.5°	517.7	543.0	564.8	582.5	591.6	598.7	611.3	619.8	625.4	626.1
120°	518.4	543.7	564.8	582.5	590.2	597.9	610.6	619.1	624.7	624.7
122.5°	518.4	543.0	564.1	581.0	588.1	595.1	607.1	617.0	621.9	621.9
125°	515.5	540.2	560.6	577.5	584.6	590.9	603.6	612.7	617.7	618.4
127.5°	511.3	535.3	555.7	572.6	579.6	585.3	598.7	607.1	612.0	612.7
130°	505.7	529.6	549.3	565.5	572.6	578.9	590.2	599.4	605.0	606.4
132.5°	499.3	521.9	541.6	557.1	564.1	569.8	581.0	590.2	595.1	597.2
135°	491.6	512.7	531.7	547.2	554.3	559.9	570.5	579.6	584.6	586.7
137.5°	481.7	502.2	520.5	536.0	542.3	547.9	558.5	567.0	571.2	574.0
140°	470.5	489.5	508.5	522.6	528.9	534.6	543.7	552.9	557.1	559.2
142.5°	458.5	477.5	494.4	508.5	514.1	519.8	528.9	537.4	541.6	542.3
145°	445.8	464.1	479.6	493.0	497.9	503.6	512.0	520.5	524.7	525.4
147.5°	431.7	448.6	463.4	476.1	481.7	486.0	493.7	501.5	505.7	506.4
150°	415.5	431.0	444.4	457.1	462.0	466.2	474.7	481.7	486.0	486.7
152.5°	400.0	414.8	426.1	437.4	442.3	446.5	453.6	460.6	464.8	465.5
155°	383.8	397.2	408.5	417.6	421.9	426.1	431.7	438.1	441.6	442.3
157.5°	366.9	379.6	389.5	397.9	402.2	405.7	410.6	416.2	418.4	419.8
160°	348.6	359.2	367.6	376.1	379.6	383.1	388.1	392.3	395.1	395.8
162.5°	328.9	338.1	345.1	352.9	355.0	357.8	362.7	366.9	369.1	369.8
165°	308.5	316.9	323.3	329.6	331.0	333.1	336.7	340.9	342.3	343.7
167.5°	288.1	295.1	299.3	305.0	307.1	308.5	312.0	314.8	316.2	316.9
170°	268.3	273.3	276.8	281.0	281.7	283.8	285.9	288.8	289.5	289.5
172.5°	252.8	255.0	257.1	258.5	259.2	259.9	261.3	262.0	262.0	262.0
175°	243.0	244.4	244.4	245.1	245.1	245.1	245.1	245.1	245.1	245.1
177.5°	237.3	237.3	237.3	236.6	236.6	236.6	236.6	235.9	235.9	235.9
180°	235.9	235.9	235.9	235.9	235.9	235.9	235.9	235.9	235.9	235.9

(END OF REPORT)