

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: P395692

Luminaire Tested: **I3-UL-30L92765-1D-UNV-W2A-W-4 (6500K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395692
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 (6500K)
Description: CORELITE I3, OPEN TOP
3000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 6500K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2875.9 lumens
Efficiency: N/A
Efficacy: 132.5 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

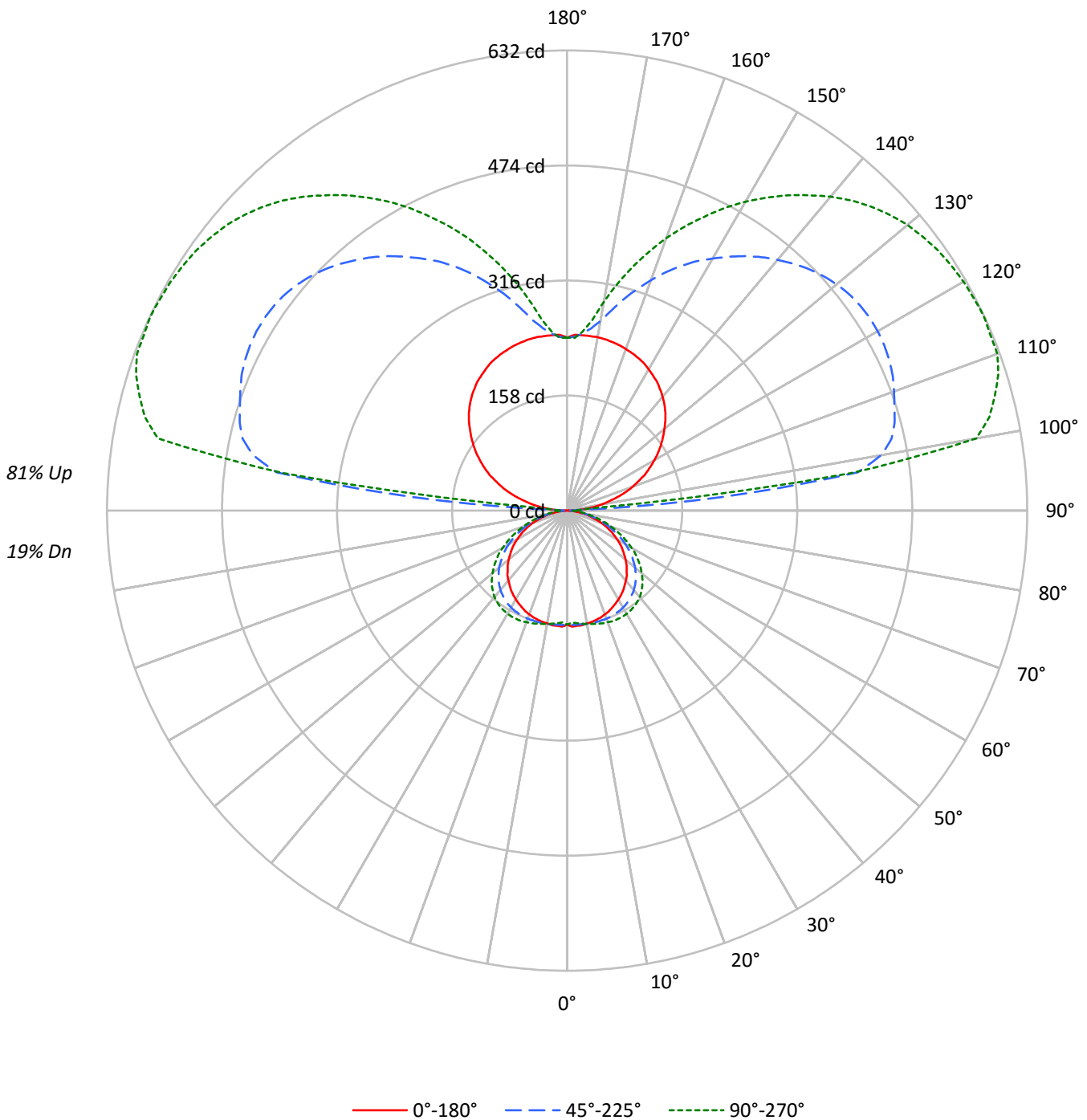
Input Watts (W): 21.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	861	861	861
5°	873	848	832
10°	871	843	833
15°	873	840	841
20°	874	843	850
25°	872	845	863
30°	873	846	871
35°	873	842	875
40°	869	836	870
45°	861	818	851
50°	854	792	820
55°	838	753	773
60°	813	699	712
65°	777	622	634
70°	734	540	535
75°	636	423	430
80°	505	304	311
85°	301	176	205



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.0	0.5
10°-20°	44.7	1.6
20°-30°	71.9	2.5
30°-40°	92.5	3.2
40°-50°	101.6	3.5
50°-60°	95.5	3.3
60°-70°	74.2	2.6
70°-80°	42.6	1.5
80°-90°	13.6	0.5
90°-100°	183.8	6.4
100°-110°	436.9	15.2
110°-120°	438.9	15.3
120°-130°	402.5	14.0
130°-140°	336.5	11.7
140°-150°	252.6	8.8
150°-160°	164.4	5.7
160°-170°	84.7	2.9
170°-180°	24.0	0.8
0°-30°	131.6	4.6
0°-40°	224.1	7.8
0°-60°	421.2	14.6
0°-90°	551.7	19.2
90°-120°	1059.6	36.8
90°-150°	2051.2	71.3
90°-180°	2324.0	80.8
0°-180°	2875.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	157	157	157	157	157	
5°	159	157	157	157	155	15
15°	155	154	158	160	161	44
25°	147	148	157	162	164	68
35°	134	138	149	158	161	84
45°	116	121	133	143	146	89
55°	93	98	108	116	119	83
65°	65	69	75	82	84	65
75°	35	36	40	44	45	37
85°	7	8	11	15	16	8
90°	1	2	4	6	7	2
95°	25	206	211	28	24	25
105°	72	276	466	574	608	76
115°	118	310	488	594	632	116
125°	157	324	491	588	622	140
135°	191	322	469	558	590	147
145°	216	309	427	501	529	135
155°	231	284	371	425	445	107
165°	240	256	300	333	346	68
175°	242	241	244	247	247	23
180°	237	237	237	237	237	



TEST NUMBER: P395692

CATALOG NUMBER: I3-UL-30L92765-1D-UNV-W2A-W-4 (6500K)

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6
2.5°	159.5	158.8	158.1	158.1	157.3	157.3	157.3	156.6	156.6	156.6	157.3
5°	158.8	158.8	158.1	157.3	157.3	157.3	156.6	156.6	156.6	156.6	157.3
7.5°	158.8	158.1	157.3	157.3	156.6	156.6	156.6	156.6	156.6	156.6	157.3
10°	157.3	157.3	156.6	156.6	155.9	156.6	156.6	156.6	156.6	156.6	158.1
12.5°	156.6	156.6	155.9	155.2	155.2	155.2	155.9	155.9	155.9	156.6	158.1
15°	155.2	155.2	154.5	154.5	154.5	154.5	155.2	155.2	155.9	156.6	158.1
17.5°	153.8	153.8	153.1	153.1	153.1	153.8	153.8	154.5	155.2	156.6	158.1
20°	151.7	151.7	151.7	151.7	151.7	152.4	152.4	153.1	154.5	155.9	158.1
22.5°	149.6	149.6	149.6	149.6	149.6	150.3	151.0	152.4	153.1	155.2	157.3
25°	146.7	146.7	146.7	146.7	147.4	148.1	148.8	150.3	151.7	153.8	156.6
27.5°	143.9	144.6	144.6	144.6	145.3	146.0	146.7	148.1	150.3	153.1	155.2
30°	141.0	141.0	141.0	141.8	142.5	143.2	144.6	146.0	148.1	151.0	153.8
32.5°	137.5	137.5	138.2	138.2	139.6	140.3	141.8	143.9	146.0	148.8	151.7
35°	134.0	134.0	134.0	135.4	136.1	137.5	138.2	140.3	143.2	146.0	148.8
37.5°	129.7	130.4	130.4	131.1	132.5	134.0	134.7	137.5	140.3	143.2	146.0
40°	125.5	126.2	126.2	126.9	129.0	129.7	131.1	134.0	136.1	139.6	142.5
42.5°	121.2	121.2	121.9	122.6	124.7	125.5	126.9	129.7	132.5	135.4	138.2
45°	115.5	116.2	116.9	117.7	119.8	121.2	122.6	124.7	127.6	130.4	133.2
47.5°	110.6	110.6	111.3	112.7	114.8	116.2	116.9	119.8	121.9	124.7	127.6
50°	104.9	105.6	105.6	107.0	109.2	110.6	111.3	114.1	116.2	119.1	121.9
52.5°	98.5	99.2	99.9	101.4	103.5	104.9	105.6	107.7	109.9	112.7	114.8
55°	92.8	93.6	93.6	95.0	97.1	97.8	99.2	100.6	103.5	105.6	108.4
57.5°	86.5	87.2	87.2	88.6	90.0	91.4	92.1	94.3	96.4	98.5	100.6
60°	79.4	80.1	80.8	81.5	82.9	84.3	85.1	86.5	88.6	90.7	92.8
62.5°	72.3	73.0	73.7	74.4	75.8	76.5	77.3	79.4	80.8	82.9	84.3
65°	65.2	65.9	66.6	67.3	68.0	68.8	69.5	70.9	72.3	74.4	75.1
67.5°	58.1	58.8	58.8	59.5	60.2	61.0	61.7	63.1	63.8	65.9	66.6
70°	51.0	51.0	51.0	51.7	51.7	52.4	53.2	54.6	55.3	56.7	58.1
72.5°	42.5	43.2	43.2	43.2	43.9	44.7	45.4	46.1	46.8	47.5	48.9
75°	34.7	35.4	34.7	35.4	36.1	36.1	36.9	37.6	38.3	39.0	39.7
77.5°	27.6	26.9	27.6	27.6	28.4	28.4	28.4	29.1	30.5	30.5	31.9
80°	19.8	19.8	19.8	19.8	20.6	20.6	21.3	21.3	22.7	23.4	24.1
82.5°	12.8	12.8	13.5	13.5	13.5	14.2	14.2	14.9	15.6	16.3	17.0
85°	7.1	7.1	7.1	7.8	7.8	8.5	8.5	9.2	9.9	10.6	11.3
87.5°	2.1	2.8	3.5	3.5	4.3	4.3	5.0	5.0	6.4	7.1	7.8
90°	0.7	0.7	1.4	1.4	1.4	2.1	2.1	2.8	2.8	3.5	4.3
92.5°	12.0	28.4	58.8	87.9	75.8	70.9	42.5	12.8	11.3	12.0	12.0
95°	24.8	46.8	85.8	138.9	180.0	205.5	222.6	255.2	288.5	282.8	211.2
97.5°	36.1	60.2	103.5	152.4	209.1	238.1	260.1	299.1	341.6	377.1	402.6
100°	47.5	72.3	118.4	169.4	221.8	248.1	273.6	326.7	368.6	404.0	438.0
102.5°	59.5	84.3	131.8	185.0	236.7	262.2	287.1	333.8	380.6	423.1	456.5
105°	71.6	97.1	143.9	198.5	250.2	275.7	299.8	344.5	387.7	427.4	465.7
107.5°	84.3	108.4	154.5	209.1	260.8	286.3	310.4	355.1	396.9	436.6	471.3
110°	95.7	119.1	165.1	219.0	270.8	296.3	320.4	365.0	406.1	443.7	477.7



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CATALOG NUMBER: I3-UL-30L92765-1D-UNV-W2A-W-4 (6500K)

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	106.3	129.0	175.1	227.5	278.5	304.1	327.5	372.1	413.2	450.1	484.1
115°	118.4	138.2	185.0	235.3	285.6	310.4	333.8	377.8	418.9	455.0	488.3
117.5°	128.3	147.4	193.5	241.7	291.3	315.4	338.1	382.0	422.4	458.6	491.2
120°	138.2	155.9	201.3	247.4	295.6	318.9	341.6	384.9	425.3	460.7	492.6
122.5°	148.1	164.4	207.7	253.0	299.1	322.5	344.5	387.0	426.7	461.4	492.6
125°	157.3	171.5	213.3	257.3	301.2	323.9	345.2	387.0	426.0	460.0	491.2
127.5°	165.9	179.3	217.6	261.5	302.6	324.6	345.2	385.6	424.6	457.9	488.3
130°	174.4	186.4	221.8	263.7	304.1	323.9	343.8	382.7	421.0	454.3	483.4
132.5°	182.9	194.2	225.4	265.8	304.8	323.9	342.3	379.9	416.8	449.4	477.0
135°	190.7	199.9	228.9	267.2	304.1	322.5	339.5	374.9	410.4	442.3	469.2
137.5°	197.7	205.5	231.8	267.9	303.4	320.4	337.4	369.3	402.6	433.8	460.0
140°	204.1	211.2	233.2	267.9	300.5	317.5	333.1	363.6	394.1	423.8	449.4
142.5°	209.8	216.2	235.3	266.5	297.7	314.0	328.9	357.9	385.6	413.9	438.7
145°	215.5	220.4	236.7	265.8	294.1	309.0	323.2	350.8	377.8	403.3	426.7
147.5°	219.7	224.7	238.1	263.0	289.9	303.4	316.8	343.0	367.9	392.0	413.2
150°	224.0	228.2	238.9	260.1	284.9	297.0	309.0	333.8	357.9	379.9	399.7
152.5°	228.2	231.1	241.0	257.3	279.3	290.6	302.6	324.6	346.6	367.1	386.3
155°	231.1	233.2	241.7	254.5	273.6	283.5	293.4	314.0	333.8	353.0	370.7
157.5°	233.9	236.0	242.4	252.3	267.2	276.4	284.9	302.6	321.1	338.1	354.4
160°	236.0	237.4	242.4	250.9	261.5	267.9	275.7	292.0	307.6	322.5	336.7
162.5°	238.1	238.9	242.4	248.8	256.6	260.8	266.5	279.3	293.4	306.2	318.9
165°	239.6	240.3	242.4	247.4	252.3	255.9	258.7	267.9	278.5	289.9	300.5
167.5°	241.0	241.0	242.4	245.9	248.8	250.9	253.0	258.0	265.1	273.6	281.4
170°	241.7	241.7	242.4	244.5	246.7	247.4	248.8	251.6	255.2	259.4	264.4
172.5°	241.7	241.7	241.7	243.1	243.8	243.8	243.8	245.2	247.4	250.2	252.3
175°	241.7	241.0	241.0	241.7	241.0	241.0	241.0	241.0	241.7	243.1	243.8
177.5°	241.7	241.0	240.3	240.3	239.6	239.6	238.9	238.9	238.9	238.9	238.9
180°	237.4	237.4	237.4	237.4	237.4	237.4	237.4	237.4	237.4	237.4	237.4



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CATALOG NUMBER: I3-UL-30L92765-1D-UNV-W2A-W-4 (6500K)

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6
2.5°	157.3	157.3	156.6	155.9	155.9	155.9	155.2	154.5	153.8	153.8
5°	157.3	157.3	156.6	156.6	156.6	156.6	155.9	155.9	155.2	155.2
7.5°	158.1	157.3	157.3	157.3	157.3	157.3	157.3	157.3	156.6	156.6
10°	158.1	158.1	158.1	158.1	158.1	158.1	158.1	158.1	158.1	158.1
12.5°	158.8	158.8	158.8	158.8	159.5	159.5	159.5	159.5	159.5	159.5
15°	158.8	159.5	160.2	160.2	160.2	160.9	160.9	160.9	160.9	160.9
17.5°	159.5	160.2	160.9	160.9	161.6	161.6	162.3	162.3	162.3	162.3
20°	159.5	160.2	160.9	161.6	162.3	162.3	163.0	163.7	163.7	163.0
22.5°	158.8	160.2	160.9	161.6	162.3	163.0	163.7	164.4	164.4	164.4
25°	158.1	159.5	160.9	162.3	162.3	163.0	164.4	164.4	164.4	164.4
27.5°	157.3	158.8	160.2	161.6	162.3	163.0	163.7	164.4	164.4	164.4
30°	155.9	158.1	159.5	160.9	161.6	162.3	163.0	163.7	163.7	163.7
32.5°	153.8	155.9	157.3	159.5	160.2	160.9	161.6	162.3	162.3	162.3
35°	151.7	153.8	155.2	157.3	158.1	158.8	160.2	160.2	160.9	160.9
37.5°	148.1	151.0	152.4	154.5	155.2	155.9	157.3	158.1	158.1	158.1
40°	144.6	147.4	148.8	151.0	151.7	152.4	153.8	154.5	155.2	155.2
42.5°	140.3	143.2	144.6	146.7	147.4	148.1	149.6	150.3	151.0	151.0
45°	136.1	138.2	139.6	141.8	143.2	143.2	144.6	145.3	146.0	146.0
47.5°	130.4	132.5	134.0	136.1	137.5	138.2	138.9	139.6	140.3	140.3
50°	124.0	126.2	128.3	129.7	131.1	131.1	132.5	133.2	134.0	134.0
52.5°	117.7	119.1	121.2	123.3	124.0	124.7	125.5	126.2	126.9	126.9
55°	110.6	112.0	114.1	115.5	116.2	116.9	117.7	118.4	119.1	119.1
57.5°	102.8	104.2	106.3	107.7	108.4	109.2	109.9	110.6	111.3	111.3
60°	94.3	95.7	97.8	99.2	99.9	99.9	101.4	102.1	102.1	102.1
62.5°	85.8	87.2	88.6	90.0	90.7	91.4	92.1	92.8	92.8	92.8
65°	77.3	78.7	80.1	80.8	81.5	81.5	82.2	82.9	83.6	83.6
67.5°	68.0	69.5	70.9	71.6	72.3	72.3	73.0	73.7	73.7	73.7
70°	58.8	59.5	61.0	61.7	62.4	62.4	63.8	63.8	63.8	63.8
72.5°	49.6	50.3	51.7	52.4	53.2	53.2	53.9	54.6	54.6	54.6
75°	41.1	41.8	42.5	43.9	43.9	43.9	44.7	45.4	45.4	45.4
77.5°	32.6	33.3	34.0	34.7	35.4	35.4	36.1	36.9	36.9	36.9
80°	24.8	25.5	26.2	26.9	26.9	27.6	27.6	28.4	28.4	28.4
82.5°	17.7	18.4	19.1	19.8	20.6	20.6	21.3	22.0	22.0	21.3
85°	12.0	13.5	14.2	14.9	14.9	14.9	15.6	16.3	16.3	15.6
87.5°	8.5	8.5	9.2	9.9	9.9	10.6	10.6	11.3	11.3	11.3
90°	5.0	5.0	5.7	5.7	6.4	6.4	6.4	7.1	7.1	7.1
92.5°	12.0	12.0	12.8	12.8	12.8	12.8	13.5	13.5	13.5	13.5
95°	129.0	58.1	48.9	29.8	28.4	24.8	24.1	24.8	24.8	24.1
97.5°	433.1	463.5	482.7	491.9	480.5	468.5	455.0	452.9	434.5	393.4
100°	467.1	491.2	514.6	530.9	537.3	542.9	555.7	563.5	567.0	570.6
102.5°	484.1	509.6	530.2	550.7	559.2	567.0	578.4	587.6	591.1	594.0
105°	499.0	525.2	547.9	566.3	574.1	581.2	592.5	601.0	607.4	608.1
107.5°	502.5	530.2	555.7	578.4	587.6	595.4	608.8	615.2	620.9	620.9
110°	508.9	535.1	558.5	579.1	588.3	597.5	611.7	621.6	627.3	628.7



TEST NUMBER: P395692

CATALOG NUMBER: I3-UL-30L92765-1D-UNV-W2A-W-4 (6500K)

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	513.9	540.8	562.8	583.3	591.1	599.6	613.1	622.3	627.3	629.4
115°	518.1	544.3	566.3	585.4	594.0	602.5	615.9	623.7	629.4	631.5
117.5°	521.0	546.5	568.4	586.2	595.4	602.5	615.2	623.7	629.4	630.1
120°	521.7	547.2	568.4	586.2	594.0	601.8	614.5	623.0	628.7	628.7
122.5°	521.7	546.5	567.7	584.7	591.8	598.9	611.0	620.9	625.8	625.8
125°	518.8	543.6	564.2	581.2	588.3	594.7	607.4	616.6	621.6	622.3
127.5°	514.6	538.7	559.2	576.2	583.3	589.0	602.5	611.0	615.9	616.6
130°	508.9	533.0	552.8	569.1	576.2	582.6	594.0	603.2	608.8	610.3
132.5°	502.5	525.2	545.0	560.6	567.7	573.4	584.7	594.0	598.9	601.0
135°	494.7	516.0	535.1	550.7	557.8	563.5	574.1	583.3	588.3	590.4
137.5°	484.8	505.4	523.8	539.4	545.8	551.4	562.1	570.6	574.8	577.7
140°	473.5	492.6	511.7	525.9	532.3	538.0	547.2	556.4	560.6	562.8
142.5°	461.4	480.5	497.6	511.7	517.4	523.1	532.3	540.8	545.0	545.8
145°	448.7	467.1	482.7	496.1	501.1	506.8	515.3	523.8	528.0	528.7
147.5°	434.5	451.5	466.4	479.1	484.8	489.1	496.9	504.6	508.9	509.6
150°	418.2	433.8	447.2	460.0	465.0	469.2	477.7	484.8	489.1	489.8
152.5°	402.6	417.5	428.8	440.1	445.1	449.4	456.5	463.5	467.8	468.5
155°	386.3	399.7	411.1	420.3	424.6	428.8	434.5	440.9	444.4	445.1
157.5°	369.3	382.0	392.0	400.5	404.7	408.3	413.2	418.9	421.0	422.4
160°	350.8	361.5	370.0	378.5	382.0	385.6	390.5	394.8	397.6	398.3
162.5°	331.0	340.2	347.3	355.1	357.2	360.1	365.0	369.3	371.4	372.1
165°	310.4	318.9	325.3	331.7	333.1	335.3	338.8	343.0	344.5	345.9
167.5°	289.9	297.0	301.2	306.9	309.0	310.4	314.0	316.8	318.2	318.9
170°	270.0	275.0	278.5	282.8	283.5	285.6	287.8	290.6	291.3	291.3
172.5°	254.5	256.6	258.7	260.1	260.8	261.5	263.0	263.7	263.7	263.7
175°	244.5	245.9	245.9	246.7	246.7	246.7	246.7	246.7	246.7	246.7
177.5°	238.9	238.9	238.9	238.1	238.1	238.1	238.1	237.4	237.4	237.4
180°	237.4	237.4	237.4	237.4	237.4	237.4	237.4	237.4	237.4	237.4

(END OF REPORT)