

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: P395374

Luminaire Tested: **I3-CL-30L92765-1D-UNV-W2A-W-4 (3000K)**

Issue Date: 5/6/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P395374  
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-30L92765-1D-UNV-W2A-W-4 (3000K)  
Description: CORELITE I3, CLEAR TOP COVER  
3000 LUMENS, VIVIDTUNE TUNABLE WHITE  
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 3000K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2262.3 lumens  
Efficiency: N/A  
Efficacy: 110.4 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

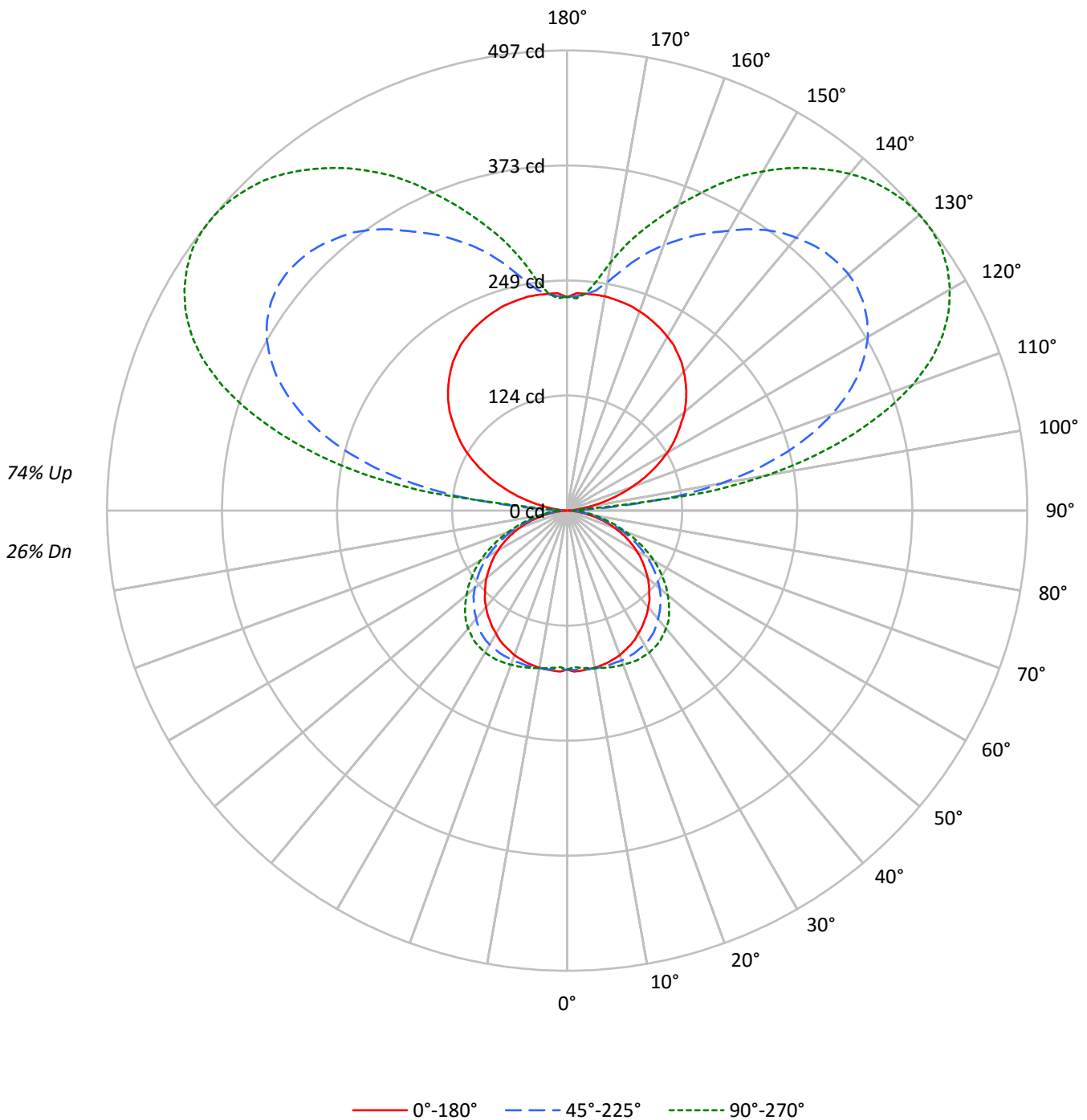
Input Watts (W): 20.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	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°	944	944	944
5°	954	929	914
10°	954	922	911
15°	956	918	916
20°	957	919	924
25°	956	920	936
30°	950	921	943
35°	948	916	944
40°	945	896	932
45°	935	875	908
50°	926	846	868
55°	907	804	818
60°	885	747	755
65°	849	671	670
70°	788	571	567
75°	680	454	455
80°	528	323	333
85°	310	200	223



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CATALOG NUMBER: I3-CL-30L92765-1D-UNV-W2A-W-4 (3000K)

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	16.4	0.7
10°-20°	48.8	2.2
20°-30°	78.2	3.5
30°-40°	100.1	4.4
40°-50°	109.1	4.8
50°-60°	102.2	4.5
60°-70°	79.3	3.5
70°-80°	45.5	2.0
80°-90°	14.5	0.6
90°-100°	58.4	2.6
100°-110°	226.8	10.0
110°-120°	308.8	13.6
120°-130°	320.5	14.2
130°-140°	284.3	12.6
140°-150°	220.6	9.8
150°-160°	147.2	6.5
160°-170°	78.5	3.5
170°-180°	23.0	1.0
0°-30°	143.5	6.3
0°-40°	243.5	10.8
0°-60°	454.9	20.1
0°-90°	594.2	26.3
90°-120°	594.0	26.3
90°-150°	1419.5	62.7
90°-180°	1668.0	73.7
0°-180°	2262.3	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	172	172	172	172	172	
5°	174	172	172	172	170	17
15°	170	169	173	175	175	48
25°	161	162	170	176	178	74
35°	146	148	162	170	174	91
45°	125	131	142	152	156	97
55°	100	106	116	124	126	90
65°	71	74	81	86	88	70
75°	37	39	43	47	48	40
85°	7	8	13	16	17	9
90°	1	2	4	6	7	1
95°	7	41	57	12	11	10
105°	48	146	247	293	321	51
115°	100	225	347	408	448	99
125°	146	265	391	459	494	130
135°	182	279	394	463	490	140
145°	208	279	370	430	452	130
155°	223	264	328	372	389	103
165°	233	242	279	305	313	66
175°	235	234	234	236	236	22
180°	231	231	231	231	231	



TEST NUMBER: P395374

CATALOG NUMBER: I3-CL-30L92765-1D-UNV-W2A-W-4 (3000K)

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	171.7	171.7	171.7	171.7	171.7	171.7	171.7	171.7	171.7	171.7	171.7
2.5°	174.1	173.5	173.5	172.3	172.3	171.7	171.7	171.7	171.7	171.7	172.3
5°	173.5	173.5	172.9	172.3	172.3	171.7	171.7	171.7	171.7	171.7	172.3
7.5°	172.9	172.9	172.3	171.7	171.7	171.7	171.7	171.7	171.7	171.7	172.9
10°	172.3	172.3	171.7	171.1	171.1	171.1	171.1	171.7	171.7	171.7	172.9
12.5°	171.1	170.5	170.5	169.9	169.9	169.9	170.5	170.5	171.1	171.7	172.9
15°	169.9	169.9	169.2	168.6	169.2	169.2	169.2	169.9	170.5	171.1	172.9
17.5°	168.0	168.0	167.4	167.4	167.4	168.0	168.0	168.6	169.9	171.1	172.3
20°	166.2	165.6	165.6	165.6	166.2	166.2	166.8	168.0	168.6	170.5	172.3
22.5°	163.2	163.8	163.2	163.2	163.8	164.4	165.0	166.2	167.4	169.2	171.1
25°	160.7	160.7	160.7	160.7	161.9	161.9	163.2	164.4	166.2	168.0	170.5
27.5°	157.7	157.7	157.7	158.3	158.9	159.5	160.1	161.9	163.8	166.2	168.6
30°	153.4	153.4	153.4	153.4	155.2	155.8	157.1	159.5	161.3	164.4	167.4
32.5°	149.8	149.8	149.8	150.4	151.6	152.2	153.4	156.5	158.9	161.9	165.0
35°	145.5	145.5	146.1	146.1	147.9	148.5	149.8	152.2	154.6	158.3	161.9
37.5°	141.2	141.2	141.8	142.5	143.7	144.9	146.1	148.5	151.0	154.0	157.7
40°	136.4	136.4	137.0	137.6	139.4	140.6	141.8	144.3	146.7	149.8	152.8
42.5°	131.5	131.5	132.1	132.7	134.5	135.8	137.0	140.0	142.5	145.5	147.9
45°	125.4	126.0	126.6	127.8	129.7	130.9	132.1	134.5	137.6	140.0	142.5
47.5°	119.9	120.5	121.1	122.4	124.2	125.4	126.6	129.1	131.5	133.9	137.0
50°	113.8	114.5	115.1	116.3	118.1	119.3	120.5	123.0	125.4	127.2	130.3
52.5°	107.1	107.8	108.4	109.6	112.0	112.6	113.8	116.3	118.1	120.5	123.0
55°	100.4	101.1	101.7	102.9	104.7	105.9	106.5	109.0	110.8	113.2	115.7
57.5°	93.8	94.4	95.0	96.2	97.4	98.6	99.2	101.1	103.5	105.3	107.8
60°	86.4	87.1	87.7	88.3	90.1	90.7	91.3	93.1	95.0	97.4	99.2
62.5°	79.1	79.1	79.8	80.4	82.2	82.8	83.4	84.6	87.1	88.3	90.1
65°	71.2	71.2	71.8	72.4	73.7	74.3	74.9	76.1	77.9	79.1	81.0
67.5°	62.7	62.7	63.3	63.9	65.1	65.7	65.7	67.6	68.8	70.0	71.2
70°	54.8	54.8	55.4	55.4	56.0	56.6	57.2	58.4	59.1	60.9	61.5
72.5°	46.3	46.3	46.3	46.3	47.5	47.5	48.1	49.3	49.9	51.1	52.4
75°	37.1	37.1	37.7	37.7	38.4	39.0	39.6	40.2	41.4	42.0	42.6
77.5°	29.2	28.6	29.2	29.8	30.4	30.4	31.0	31.7	32.3	33.5	34.1
80°	20.7	20.7	20.7	21.3	21.9	21.9	22.5	23.1	23.7	25.0	25.6
82.5°	13.4	13.4	14.0	14.0	14.6	15.2	15.2	15.8	16.4	17.7	18.3
85°	7.3	7.3	7.3	7.9	8.5	8.5	9.1	9.7	11.0	11.6	12.8
87.5°	2.4	2.4	3.0	3.7	4.3	4.3	4.9	5.5	6.1	7.3	7.9
90°	0.6	0.6	0.6	1.2	1.2	1.8	1.8	2.4	3.0	3.7	4.3
92.5°	2.4	4.3	6.7	9.7	9.1	9.7	6.7	4.3	4.3	4.3	4.9
95°	7.3	11.0	17.7	28.0	36.5	41.4	45.7	49.9	58.4	59.1	56.6
97.5°	14.6	20.1	32.3	45.7	60.9	68.8	74.9	87.7	101.1	109.6	119.9
100°	24.4	32.3	48.1	66.4	84.0	94.4	104.1	122.4	138.8	153.4	169.2
102.5°	35.9	45.0	64.5	87.1	109.0	120.5	130.9	152.2	174.7	194.2	211.2
105°	48.1	58.4	81.6	107.1	132.1	145.5	158.3	181.4	205.2	226.5	246.6
107.5°	61.5	72.4	97.4	126.0	154.0	169.2	183.2	208.2	233.2	256.3	277.6
110°	74.3	86.4	112.6	143.7	175.3	190.5	204.6	231.9	258.1	282.5	305.0



TEST NUMBER: P395374

CATALOG NUMBER: I3-CL-30L92765-1D-UNV-W2A-W-4 (3000K)

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	87.7	100.4	126.6	160.7	193.0	208.8	223.4	252.6	280.0	305.0	327.5
115°	100.4	112.6	140.0	175.3	208.2	224.6	240.5	270.3	298.9	323.9	347.0
117.5°	112.6	124.2	152.2	187.5	221.6	238.0	253.9	284.9	313.5	339.7	362.2
120°	124.8	135.1	165.6	197.9	232.6	249.0	265.4	296.5	325.7	351.9	375.0
122.5°	135.8	145.5	175.3	207.0	241.1	258.1	274.0	305.6	335.4	361.6	384.1
125°	145.5	154.6	184.5	214.3	248.4	264.8	281.3	312.3	342.1	367.7	390.8
127.5°	155.2	164.4	191.2	221.6	253.3	270.3	286.1	317.2	346.4	372.6	395.1
130°	165.6	172.3	197.9	228.3	258.1	274.0	290.4	320.2	348.8	374.4	396.9
132.5°	174.1	180.2	204.6	233.8	261.8	277.0	291.6	321.4	350.1	374.4	396.3
135°	182.0	186.9	209.4	238.6	264.8	278.8	292.8	320.8	348.8	373.2	394.5
137.5°	189.3	194.2	213.7	242.3	267.3	279.4	292.8	319.0	345.8	370.1	390.2
140°	196.0	199.7	217.3	244.1	268.5	280.0	291.6	316.0	340.9	364.7	384.8
142.5°	202.7	205.8	220.4	245.3	269.1	280.0	291.0	312.3	335.4	358.6	378.7
145°	207.6	210.6	222.8	245.9	268.5	278.8	288.6	308.7	329.4	350.7	370.1
147.5°	213.1	215.5	225.2	244.7	266.6	276.4	285.5	303.8	322.7	342.1	360.4
150°	216.7	219.2	226.5	243.5	263.6	272.7	281.9	298.9	316.0	333.0	348.8
152.5°	220.4	222.2	228.3	241.7	260.0	268.5	277.0	293.4	309.3	324.5	338.5
155°	223.4	225.2	229.5	240.5	255.7	263.6	271.5	287.3	302.0	315.3	328.1
157.5°	226.5	227.7	230.7	238.6	250.8	258.1	265.4	279.4	292.8	306.2	316.6
160°	228.9	229.5	231.9	238.0	246.6	252.0	258.7	271.5	283.7	295.3	305.0
162.5°	231.3	231.3	233.2	236.8	242.9	246.6	251.4	262.4	273.3	283.7	292.8
165°	232.6	232.6	233.8	236.2	239.9	242.3	245.3	252.6	261.2	270.3	278.8
167.5°	233.8	233.8	234.4	235.6	238.0	239.3	240.5	245.3	250.8	257.5	264.2
170°	235.0	234.4	234.4	235.6	236.2	236.8	237.4	239.9	242.3	246.6	250.2
172.5°	235.0	234.4	234.4	235.0	235.0	235.0	235.0	235.6	236.2	238.6	239.9
175°	235.0	234.4	234.4	234.4	234.4	233.8	233.8	233.8	233.8	233.8	234.4
177.5°	235.0	234.4	233.8	233.8	233.2	233.2	232.6	232.6	231.9	231.9	231.9
180°	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7



TEST NUMBER: P395374

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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	171.7	171.7	171.7	171.7	171.7	171.7	171.7	171.7	171.7	171.7
2.5°	172.3	172.3	171.7	171.7	171.1	171.1	170.5	169.9	169.2	169.2
5°	172.9	172.3	171.7	171.7	171.7	171.1	171.1	171.1	170.5	170.5
7.5°	172.9	172.9	172.9	172.3	172.3	172.3	172.3	172.3	171.7	171.7
10°	173.5	173.5	173.5	173.5	173.5	173.5	173.5	172.9	172.9	172.9
12.5°	173.5	173.5	173.5	174.1	174.1	174.1	174.1	174.1	174.1	174.1
15°	174.1	174.1	174.7	174.7	175.3	175.3	175.9	175.9	175.9	175.3
17.5°	173.5	174.1	174.7	175.3	175.9	175.9	176.5	176.5	176.5	176.5
20°	173.5	174.7	175.3	175.9	176.5	176.5	177.2	177.8	177.8	177.2
22.5°	172.9	174.1	174.7	175.9	176.5	176.5	177.8	177.8	177.8	177.8
25°	172.3	173.5	174.7	175.9	176.5	176.5	177.8	177.8	178.4	178.4
27.5°	171.1	172.3	174.1	175.3	175.9	176.5	177.2	177.8	177.8	177.8
30°	169.2	171.1	172.9	174.1	174.7	175.3	175.9	176.5	177.2	177.2
32.5°	166.8	168.6	170.5	172.3	172.9	173.5	174.7	175.3	175.3	175.3
35°	164.4	166.2	168.0	169.9	170.5	171.1	172.3	172.9	173.5	173.5
37.5°	160.7	162.5	164.4	166.2	166.8	168.0	169.2	169.9	169.9	169.9
40°	155.2	158.3	160.7	162.5	163.2	164.4	165.0	166.2	166.2	166.2
42.5°	150.4	152.8	154.6	157.1	157.7	159.5	160.7	161.3	161.9	161.9
45°	144.9	147.3	149.2	151.0	151.6	152.8	154.0	154.6	155.2	155.8
47.5°	139.4	141.2	143.1	144.9	145.5	146.7	147.9	148.5	149.2	149.2
50°	132.7	134.5	136.4	138.2	138.8	140.0	140.6	141.2	141.8	141.8
52.5°	125.4	127.2	129.1	130.9	131.5	132.1	133.3	133.9	134.5	134.5
55°	118.1	119.9	121.1	123.0	123.6	124.2	124.8	126.0	126.6	126.0
57.5°	109.6	111.4	112.6	114.5	115.1	115.7	116.3	116.9	117.5	117.5
60°	100.4	102.3	104.1	105.3	105.9	106.5	107.1	107.8	108.4	108.4
62.5°	91.3	93.1	94.4	96.2	96.8	96.8	97.4	98.0	98.6	98.6
65°	82.2	84.0	84.6	86.4	86.4	87.1	87.7	88.3	88.3	88.3
67.5°	72.4	74.3	74.9	76.1	76.1	76.7	77.3	77.9	77.9	77.9
70°	63.3	63.9	65.1	65.7	66.4	66.4	67.0	67.6	68.2	67.6
72.5°	53.6	54.2	55.4	56.0	56.0	56.6	56.6	57.2	57.8	57.8
75°	43.8	45.0	45.7	46.3	46.9	46.9	47.5	48.1	48.1	48.1
77.5°	34.7	35.9	36.5	37.1	37.7	37.7	38.4	38.4	39.0	38.4
80°	26.8	27.4	28.0	28.6	29.2	29.2	29.8	30.4	30.4	30.4
82.5°	19.5	20.1	21.3	21.9	21.9	21.9	23.1	23.1	23.7	23.1
85°	13.4	14.0	15.2	15.8	16.4	16.4	16.4	17.0	17.7	17.0
87.5°	8.5	9.7	10.3	11.0	11.0	11.0	11.6	12.2	12.2	12.2
90°	4.9	4.9	5.5	6.1	6.1	6.7	6.7	7.3	7.3	7.3
92.5°	4.9	5.5	5.5	5.5	6.1	6.1	6.1	6.7	6.7	6.7
95°	41.4	29.8	17.0	13.4	11.6	11.6	11.0	11.6	11.0	11.0
97.5°	125.4	135.8	140.6	147.3	151.0	150.4	147.9	150.4	148.5	150.4
100°	178.4	188.1	195.4	197.2	200.9	202.7	209.4	214.3	216.7	219.8
102.5°	221.6	233.2	241.7	246.6	250.2	252.6	260.6	267.9	271.5	274.0
105°	261.2	273.3	283.7	288.6	292.8	295.3	303.8	312.3	317.8	320.8
107.5°	292.8	306.8	317.8	325.1	329.4	333.6	344.0	352.5	359.2	362.2
110°	321.4	335.4	347.0	355.5	360.4	364.7	376.2	386.0	393.3	396.9





TEST NUMBER: P395374

CATALOG NUMBER: I3-CL-30L92765-1D-UNV-W2A-W-4 (3000K)

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	345.2	360.4	372.0	381.1	386.0	392.1	403.0	414.0	421.3	425.5
115°	364.7	380.5	392.7	402.4	407.9	413.4	426.1	437.1	444.4	447.5
117.5°	381.1	396.9	409.7	419.5	425.5	431.6	444.4	454.2	462.1	464.5
120°	394.5	410.3	423.1	434.1	440.2	445.6	457.8	468.2	475.5	477.3
122.5°	403.6	420.1	433.5	445.6	451.1	456.6	468.2	478.5	485.2	487.0
125°	410.3	427.4	440.8	453.5	459.0	464.5	475.5	485.8	491.3	493.7
127.5°	414.6	431.6	446.2	458.4	464.5	469.4	480.3	489.5	494.9	496.8
130°	415.8	433.5	448.1	460.8	466.3	471.2	481.5	490.7	495.5	496.8
132.5°	415.8	432.8	448.1	460.2	465.7	470.6	480.3	488.9	493.7	494.9
135°	413.4	429.8	445.0	457.2	462.7	467.5	477.3	484.6	489.5	490.1
137.5°	409.1	424.9	439.5	451.7	457.2	462.1	470.6	478.5	482.8	484.0
140°	403.6	418.2	432.8	444.4	449.9	454.2	462.7	469.4	473.6	474.9
142.5°	396.3	410.9	424.3	435.9	440.2	445.0	452.3	459.0	462.7	463.9
145°	388.4	402.4	414.6	424.9	429.8	434.1	440.8	446.8	450.5	451.7
147.5°	378.1	392.1	403.6	413.4	417.6	421.9	428.0	433.5	437.1	438.3
150°	365.3	378.1	390.2	399.4	403.6	407.9	414.0	418.8	422.5	423.1
152.5°	352.5	364.7	375.0	384.1	388.4	392.7	398.1	403.0	407.3	407.3
155°	340.3	350.7	360.4	368.3	372.0	375.6	381.1	385.4	389.0	389.0
157.5°	327.5	337.3	345.2	352.5	355.5	358.6	363.4	367.1	370.1	369.5
160°	315.3	322.7	330.0	336.0	339.1	341.5	345.2	348.2	351.3	350.7
162.5°	302.0	308.7	314.7	319.0	321.4	323.3	326.9	330.0	331.8	331.8
165°	286.7	292.8	298.3	302.6	305.0	306.2	309.3	311.1	312.9	312.9
167.5°	270.9	275.8	280.6	284.3	286.7	288.0	291.0	292.2	294.7	294.0
170°	255.1	258.7	262.4	265.4	266.6	267.9	270.3	271.5	272.7	272.7
172.5°	242.3	243.5	245.3	247.8	247.8	248.4	249.6	250.2	250.8	250.8
175°	235.0	235.6	235.6	235.6	235.6	235.6	236.2	235.6	236.2	235.6
177.5°	231.9	231.9	231.3	231.3	230.7	231.3	230.7	230.1	230.1	229.5
180°	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7

(END OF REPORT)