

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: P395610

Luminaire Tested: **I3-FL-60L92765-1D-UNV-W2A-W-4 (4000K)**

Issue Date: 5/6/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P395610  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-656-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: I3-FL-60L92765-1D-UNV-W2A-W-4 (4000K)  
Description: CORELITE I3, FROSTED TOP COVER  
6000 LUMENS, VIVIDTUNE TUNABLE WHITE  
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 4000K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4846.2 lumens  
Efficiency: N/A  
Efficacy: 108.7 lumens/watt  
Spacing Criteria (0/90/45): 1.31 / 1.43 / 1.49  
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')  
CIE Type: Semi-Indirect

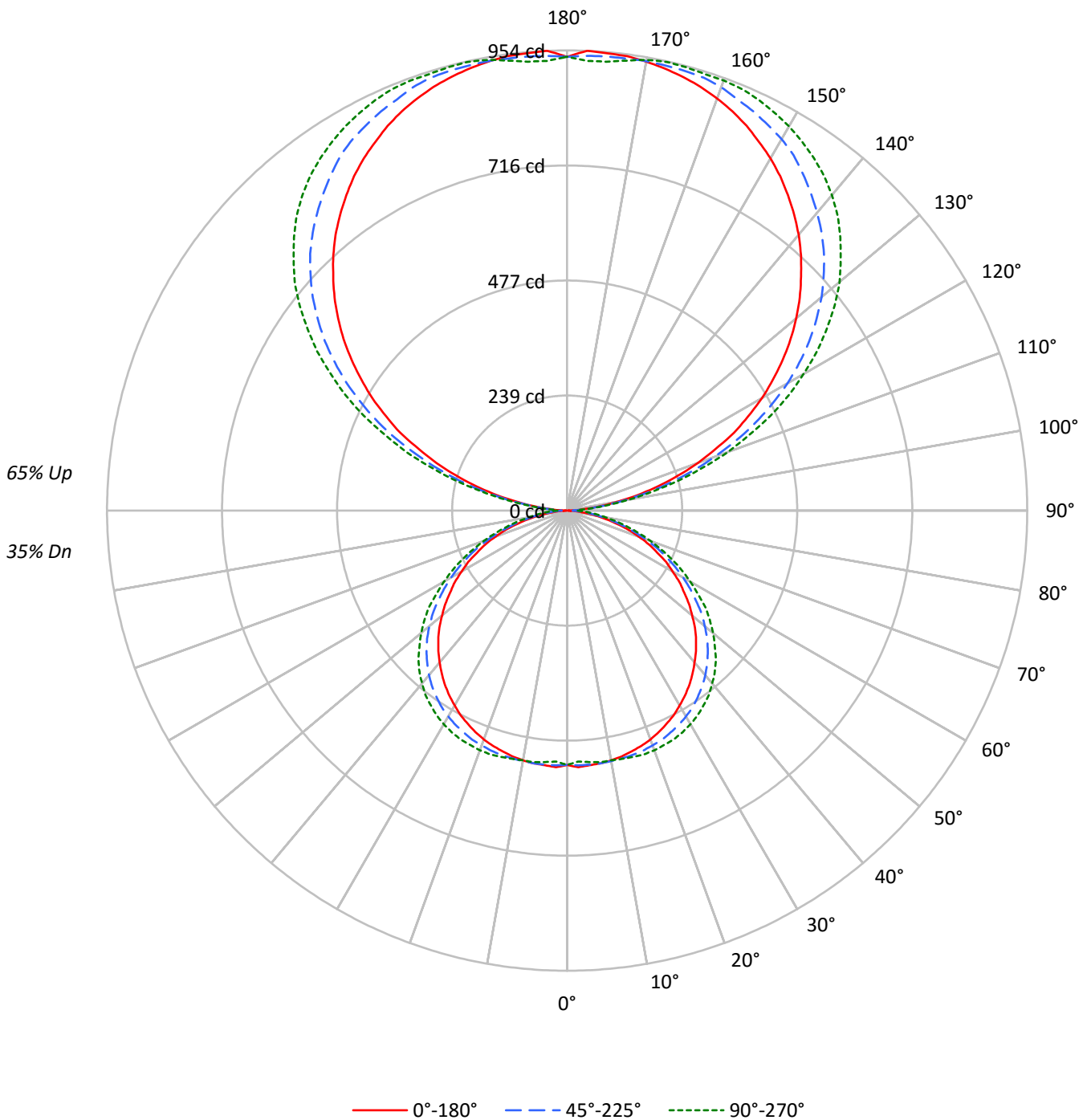
Input Watts (W): 44.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35
1	94	90	86	83	85	81	78	75	66	63	61	51	49	48	37	36	36	29
2	86	78	72	67	77	71	66	61	57	53	50	44	42	40	33	31	30	24
3	78	69	61	55	70	62	56	51	50	46	42	39	36	33	29	27	25	20
4	71	60	53	47	64	55	48	43	44	39	35	35	31	28	25	23	21	17
5	65	54	46	40	59	49	42	36	39	34	30	31	27	24	23	20	18	15
6	60	48	40	34	54	44	37	31	35	30	26	28	24	21	21	18	16	13
7	55	43	35	30	50	39	32	27	32	27	23	25	21	18	19	16	14	11
8	51	39	31	26	46	35	29	24	29	24	20	23	19	16	17	14	13	10
9	47	35	28	23	43	32	26	21	26	21	18	21	17	15	16	13	11	9
10	44	32	25	20	40	30	23	19	24	19	16	19	16	13	14	12	10	8

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

	0°	45°	90°
0°	2898	2898	2898
5°	2913	2850	2805
10°	2914	2811	2773
15°	2907	2787	2761
20°	2908	2763	2757
25°	2900	2738	2747
30°	2890	2712	2722
35°	2876	2669	2681
40°	2847	2613	2623
45°	2818	2532	2542
50°	2753	2420	2418
55°	2674	2267	2274
60°	2584	2089	2054
65°	2458	1872	1824
70°	2282	1596	1541
75°	1987	1268	1226
80°	1550	901	897
85°	840	515	589



TEST NUMBER: P395610

CATALOG NUMBER: I3-FL-60L92765-1D-UNV-W2A-W-4 (4000K)

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	50.3	1.0
10°-20°	147.9	3.1
20°-30°	233.2	4.8
30°-40°	293.1	6.0
40°-50°	315.1	6.5
50°-60°	289.9	6.0
60°-70°	222.1	4.6
70°-80°	126.5	2.6
80°-90°	39.5	0.8
90°-100°	52.8	1.1
100°-110°	229.7	4.7
110°-120°	420.5	8.7
120°-130°	542.0	11.2
130°-140°	576.7	11.9
140°-150°	530.6	10.9
150°-160°	420.3	8.7
160°-170°	266.2	5.5
170°-180°	90.1	1.9
0°-30°	431.3	8.9
0°-40°	724.4	14.9
0°-60°	1329.4	27.4
0°-90°	1717.4	35.4
90°-120°	702.9	14.5
90°-150°	2352.2	48.5
90°-180°	3129.0	64.6
0°-180°	4846.2	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	527	527	527	527	527	
5°	530	525	529	526	523	50
15°	517	514	525	529	529	146
25°	488	489	508	519	523	225
35°	441	447	472	488	493	276
45°	378	387	412	430	436	291
55°	296	308	326	344	350	265
65°	206	213	226	237	240	205
75°	108	111	119	126	130	115
85°	20	25	33	42	45	25
90°	1	4	12	17	20	3
95°	36	34	38	44	45	45
105°	194	204	219	233	237	207
115°	382	399	431	453	465	375
125°	546	570	613	644	657	487
135°	686	708	753	785	801	529
145°	798	815	852	878	892	500
155°	880	891	913	932	940	406
165°	930	930	944	950	952	263
175°	952	945	945	941	934	91
180°	941	941	941	941	941	



TEST NUMBER: P395610

CATALOG NUMBER: I3-FL-60L92765-1D-UNV-W2A-W-4 (4000K)

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3
2.5°	532.6	531.3	529.9	527.3	527.3	526.0	526.0	526.0	526.0	527.3	528.6
5°	529.9	529.9	528.6	526.0	526.0	524.7	524.7	526.0	524.7	526.0	528.6
7.5°	528.6	528.6	527.3	524.7	524.7	524.7	524.7	524.7	524.7	526.0	528.6
10°	526.0	526.0	523.3	522.0	522.0	522.0	522.0	523.3	523.3	524.7	527.3
12.5°	522.0	520.7	519.4	518.0	518.0	518.0	519.4	520.7	520.7	523.3	526.0
15°	516.7	516.7	515.4	514.1	514.1	514.1	515.4	516.7	518.0	520.7	524.7
17.5°	511.4	511.4	510.1	510.1	510.1	510.1	511.4	512.8	515.4	518.0	522.0
20°	504.8	504.8	503.5	503.5	503.5	504.8	504.8	507.5	510.1	514.1	518.0
22.5°	496.9	496.9	496.9	495.6	496.9	498.2	499.5	502.2	504.8	508.8	514.1
25°	487.6	487.6	487.6	487.6	489.0	489.0	491.6	494.3	496.9	502.2	507.5
27.5°	478.4	478.4	478.4	477.1	479.7	481.0	482.4	486.3	489.0	495.6	500.9
30°	466.5	466.5	466.5	467.8	469.1	470.5	473.1	477.1	479.7	486.3	492.9
32.5°	454.6	454.6	454.6	454.6	458.6	459.9	461.2	465.2	470.5	477.1	483.7
35°	441.4	441.4	441.4	442.7	445.4	446.7	449.3	453.3	458.6	465.2	471.8
37.5°	426.9	428.2	428.2	429.5	432.1	434.8	437.4	441.4	446.7	453.3	459.9
40°	411.0	412.3	412.3	413.6	416.3	418.9	421.6	426.9	432.1	438.8	445.4
42.5°	395.1	396.5	396.5	399.1	401.7	404.4	407.0	412.3	417.6	424.2	429.5
45°	378.0	379.3	379.3	381.9	385.9	387.2	391.2	396.5	401.7	407.0	412.3
47.5°	359.5	360.8	360.8	363.4	367.4	370.0	372.7	378.0	381.9	388.5	393.8
50°	338.3	339.6	341.0	343.6	348.9	351.5	354.2	358.1	363.4	367.4	372.7
52.5°	318.5	318.5	319.8	322.5	326.4	329.1	330.4	334.4	341.0	346.2	351.5
55°	296.0	297.3	298.7	301.3	305.3	307.9	309.2	313.2	317.2	321.1	326.4
57.5°	276.2	276.2	277.5	280.2	284.1	285.5	286.8	289.4	294.7	298.7	302.6
60°	252.4	253.7	255.1	257.7	260.3	263.0	263.0	267.0	270.9	274.9	277.5
62.5°	231.3	231.3	232.6	235.2	236.6	239.2	239.2	243.2	245.8	249.8	252.4
65°	206.2	207.5	208.8	210.1	212.8	212.8	214.1	216.7	219.4	222.0	226.0
67.5°	183.7	183.7	185.0	186.3	187.7	187.7	189.0	191.6	194.3	196.9	199.6
70°	158.6	159.9	159.9	159.9	161.2	162.5	163.9	165.2	167.8	169.2	171.8
72.5°	133.5	133.5	134.8	134.8	136.1	137.4	138.8	140.1	141.4	144.0	145.4
75°	108.4	108.4	109.7	109.7	111.0	111.0	111.0	113.7	115.0	117.6	118.9
77.5°	83.3	84.6	84.6	84.6	85.9	87.2	87.2	88.5	91.2	92.5	93.8
80°	60.8	60.8	60.8	60.8	62.1	63.4	64.8	64.8	67.4	70.0	71.4
82.5°	38.3	38.3	39.6	41.0	41.0	42.3	43.6	44.9	47.6	48.9	50.2
85°	19.8	19.8	21.1	22.5	23.8	25.1	25.1	26.4	29.1	31.7	33.0
87.5°	6.6	7.9	7.9	9.3	10.6	11.9	13.2	14.5	17.2	19.8	21.1
90°	1.3	1.3	1.3	2.6	4.0	4.0	5.3	6.6	7.9	9.3	11.9
92.5°	11.9	11.9	10.6	11.9	11.9	11.9	11.9	13.2	14.5	14.5	17.2
95°	35.7	34.4	34.4	34.4	34.4	34.4	34.4	35.7	37.0	37.0	38.3
97.5°	68.7	68.7	67.4	67.4	68.7	68.7	68.7	70.0	72.7	71.4	74.0
100°	107.0	107.0	105.7	107.0	108.4	109.7	112.3	112.3	115.0	115.0	118.9
102.5°	150.7	150.7	149.3	152.0	153.3	155.9	155.9	158.6	162.5	162.5	167.8
105°	194.3	195.6	195.6	198.2	200.9	203.5	203.5	207.5	212.8	212.8	219.4
107.5°	241.8	243.2	243.2	245.8	248.5	251.1	252.4	257.7	263.0	264.3	272.2
110°	288.1	289.4	290.7	293.4	296.0	300.0	302.6	307.9	314.5	317.2	323.8



TEST NUMBER: P395610

CATALOG NUMBER: I3-FL-60L92765-1D-UNV-W2A-W-4 (4000K)

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	331.7	337.0	338.3	342.3	346.2	350.2	352.9	359.5	367.4	371.4	379.3
115°	381.9	384.6	385.9	389.9	395.1	399.1	401.7	408.4	416.3	421.6	430.8
117.5°	422.9	429.5	430.8	434.8	440.1	444.0	446.7	454.6	463.9	470.5	479.7
120°	466.5	471.8	477.1	479.7	483.7	489.0	491.6	499.5	510.1	516.7	527.3
122.5°	506.2	511.4	516.7	520.7	526.0	528.6	532.6	541.8	552.4	560.3	570.9
125°	545.8	552.4	556.4	560.3	566.9	569.6	573.6	582.8	593.4	602.6	613.2
127.5°	584.1	588.1	594.7	597.3	603.9	606.6	610.6	621.1	631.7	640.9	651.5
130°	619.8	625.1	630.4	631.7	639.6	643.6	647.6	656.8	668.7	678.0	688.5
132.5°	654.2	656.8	663.4	667.4	674.0	678.0	681.9	689.8	701.7	711.0	721.6
135°	685.9	688.5	696.5	700.4	704.4	708.3	713.6	721.6	733.5	742.7	753.3
137.5°	717.6	720.2	728.2	732.1	734.8	738.7	742.7	750.6	762.5	771.8	781.0
140°	746.7	749.3	754.6	759.9	762.5	765.2	769.1	777.1	787.6	796.9	806.1
142.5°	773.1	775.7	781.0	786.3	790.3	790.3	794.2	800.9	812.7	822.0	829.9
145°	798.2	799.5	804.8	810.1	815.4	815.4	816.7	823.3	833.9	844.5	852.4
147.5°	822.0	823.3	827.3	832.6	836.5	837.9	840.5	843.1	853.7	864.3	873.5
150°	843.1	844.5	847.1	852.4	855.0	857.7	860.3	861.6	869.6	878.8	889.4
152.5°	861.6	863.0	865.6	869.6	872.2	874.9	877.5	881.5	885.4	894.7	901.3
155°	880.1	881.5	882.8	886.8	889.4	890.7	892.0	897.3	901.3	906.6	913.2
157.5°	896.0	896.0	897.3	900.0	902.6	902.6	903.9	909.2	913.2	918.5	922.4
160°	909.2	909.2	910.5	913.2	913.2	914.5	915.8	919.8	922.4	929.0	934.3
162.5°	921.1	919.8	921.1	922.4	922.4	922.4	923.8	926.4	930.4	935.7	940.9
165°	930.4	930.4	930.4	931.7	931.7	930.4	930.4	933.0	935.7	939.6	943.6
167.5°	938.3	938.3	937.0	938.3	937.0	937.0	935.7	937.0	938.3	942.3	944.9
170°	944.9	943.6	943.6	943.6	942.3	940.9	940.9	940.9	940.9	943.6	946.2
172.5°	950.2	948.9	947.5	947.5	944.9	943.6	943.6	942.3	942.3	943.6	944.9
175°	951.5	950.2	948.9	948.9	946.2	944.9	943.6	943.6	942.3	943.6	944.9
177.5°	954.2	952.8	950.2	950.2	947.5	944.9	944.9	943.6	942.3	943.6	943.6
180°	940.9	940.9	940.9	940.9	940.9	940.9	940.9	940.9	940.9	940.9	940.9



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3
2.5°	529.9	529.9	528.6	527.3	527.3	526.0	524.7	523.3	522.0	520.7
5°	529.9	528.6	527.3	527.3	526.0	526.0	526.0	524.7	523.3	523.3
7.5°	529.9	529.9	528.6	527.3	527.3	527.3	527.3	527.3	526.0	526.0
10°	529.9	528.6	528.6	528.6	527.3	528.6	528.6	527.3	527.3	526.0
12.5°	528.6	528.6	528.6	528.6	528.6	528.6	528.6	528.6	528.6	527.3
15°	526.0	527.3	527.3	528.6	528.6	528.6	529.9	529.9	528.6	528.6
17.5°	524.7	526.0	527.3	528.6	528.6	528.6	529.9	529.9	529.9	529.9
20°	522.0	523.3	524.7	526.0	526.0	527.3	527.3	528.6	528.6	528.6
22.5°	516.7	518.0	520.7	522.0	523.3	524.7	526.0	526.0	526.0	526.0
25°	511.4	514.1	515.4	518.0	519.4	520.7	522.0	522.0	522.0	523.3
27.5°	504.8	507.5	511.4	512.8	514.1	515.4	516.7	518.0	518.0	518.0
30°	496.9	500.9	503.5	506.2	507.5	508.8	510.1	510.1	511.4	511.4
32.5°	487.6	491.6	494.3	496.9	498.2	499.5	502.2	502.2	503.5	503.5
35°	475.8	479.7	483.7	486.3	487.6	489.0	491.6	492.9	492.9	492.9
37.5°	463.9	467.8	471.8	475.8	477.1	478.4	481.0	481.0	482.4	482.4
40°	449.3	453.3	457.3	461.2	461.2	463.9	465.2	466.5	467.8	467.8
42.5°	434.8	438.8	441.4	445.4	446.7	448.0	449.3	452.0	452.0	453.3
45°	417.6	421.6	424.2	428.2	429.5	430.8	433.5	434.8	436.1	436.1
47.5°	399.1	401.7	404.4	408.4	411.0	412.3	413.6	415.0	416.3	415.0
50°	378.0	380.6	384.6	388.5	389.9	391.2	393.8	393.8	395.1	395.1
52.5°	355.5	359.5	362.1	366.1	367.4	368.7	371.4	371.4	372.7	372.7
55°	330.4	333.0	335.7	342.3	343.6	344.9	347.6	347.6	348.9	350.2
57.5°	306.6	307.9	311.9	314.5	317.2	317.2	318.5	319.8	321.1	321.1
60°	281.5	282.8	285.5	289.4	289.4	290.7	293.4	293.4	294.7	294.7
62.5°	255.1	257.7	260.3	264.3	263.0	264.3	267.0	267.0	268.3	268.3
65°	228.6	229.9	232.6	235.2	236.6	236.6	237.9	239.2	240.5	240.5
67.5°	200.9	203.5	204.8	208.8	207.5	208.8	210.1	210.1	211.4	211.4
70°	174.4	175.8	178.4	179.7	179.7	181.1	182.4	182.4	182.4	183.7
72.5°	148.0	149.3	150.7	152.0	152.0	153.3	154.6	154.6	155.9	155.9
75°	120.3	122.9	124.2	126.9	125.5	126.9	129.5	129.5	129.5	129.5
77.5°	96.5	97.8	100.4	101.8	101.8	101.8	104.4	103.1	104.4	104.4
80°	72.7	74.0	76.6	78.0	78.0	79.3	80.6	80.6	80.6	81.9
82.5°	51.5	54.2	56.8	58.1	58.1	59.5	60.8	60.8	62.1	62.1
85°	35.7	38.3	41.0	41.0	42.3	43.6	44.9	44.9	44.9	44.9
87.5°	23.8	25.1	26.4	27.8	29.1	29.1	30.4	30.4	31.7	31.7
90°	13.2	14.5	15.9	17.2	17.2	18.5	18.5	19.8	19.8	19.8
92.5°	18.5	18.5	19.8	21.1	21.1	21.1	21.1	22.5	22.5	22.5
95°	39.6	41.0	41.0	43.6	43.6	43.6	44.9	44.9	44.9	44.9
97.5°	76.6	76.6	76.6	79.3	79.3	79.3	80.6	80.6	80.6	81.9
100°	120.3	121.6	121.6	125.5	124.2	126.9	126.9	126.9	126.9	128.2
102.5°	169.2	171.8	173.1	177.1	177.1	177.1	179.7	178.4	179.7	179.7
105°	222.0	224.7	226.0	229.9	232.6	232.6	235.2	233.9	235.2	236.6
107.5°	274.9	278.8	281.5	285.5	288.1	289.4	289.4	290.7	292.1	293.4
110°	329.1	333.0	339.6	343.6	344.9	347.6	348.9	350.2	351.5	354.2





TEST NUMBER: P395610

CATALOG NUMBER: I3-FL-60L92765-1D-UNV-W2A-W-4 (4000K)

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	385.9	389.9	395.1	400.4	399.1	403.1	405.7	407.0	408.4	407.0
115°	437.4	442.7	448.0	453.3	453.3	455.9	461.2	462.5	462.5	465.2
117.5°	486.3	492.9	498.2	503.5	504.8	507.5	511.4	515.4	515.4	518.0
120°	533.9	541.8	547.1	552.4	555.0	556.4	560.3	565.6	565.6	565.6
122.5°	578.8	585.4	592.1	597.3	600.0	602.6	605.3	611.9	611.9	614.5
125°	621.1	629.1	635.7	640.9	643.6	646.2	651.5	655.5	656.8	656.8
127.5°	660.8	668.7	675.3	681.9	683.2	685.9	691.2	696.5	697.8	699.1
130°	697.8	705.7	712.3	718.9	721.6	722.9	729.5	733.5	736.1	737.4
132.5°	730.8	738.7	745.4	752.0	754.6	757.2	761.2	767.8	769.1	769.1
135°	761.2	769.1	775.7	783.7	785.0	787.6	792.9	796.9	799.5	800.9
137.5°	789.0	796.9	804.8	811.4	814.1	815.4	820.7	826.0	828.6	829.9
140°	814.1	822.0	829.9	835.2	836.5	840.5	844.5	849.8	852.4	853.7
142.5°	837.9	844.5	851.1	857.7	859.0	861.6	865.6	870.9	873.5	874.9
145°	859.0	865.6	870.9	876.2	877.5	880.1	884.1	888.1	890.7	892.0
147.5°	878.8	884.1	889.4	893.4	894.7	897.3	900.0	902.6	905.3	906.6
150°	896.0	898.6	903.9	906.6	907.9	910.5	913.2	915.8	918.5	919.8
152.5°	909.2	913.2	915.8	919.8	921.1	922.4	925.1	927.7	930.4	930.4
155°	919.8	923.8	926.4	930.4	931.7	933.0	935.7	937.0	939.6	939.6
157.5°	927.7	931.7	934.3	937.0	938.3	939.6	940.9	943.6	946.2	946.2
160°	937.0	938.3	939.6	942.3	942.3	943.6	944.9	946.2	948.9	948.9
162.5°	944.9	946.2	943.6	944.9	943.6	944.9	946.2	947.5	948.9	948.9
165°	947.5	950.2	948.9	950.2	950.2	950.2	950.2	951.5	951.5	951.5
167.5°	947.5	950.2	948.9	948.9	950.2	950.2	951.5	952.8	952.8	952.8
170°	947.5	948.9	947.5	946.2	947.5	947.5	947.5	948.9	948.9	948.9
172.5°	946.2	947.5	944.9	943.6	943.6	943.6	942.3	942.3	940.9	940.9
175°	944.9	944.9	942.3	940.9	940.9	940.9	938.3	937.0	935.7	934.3
177.5°	943.6	943.6	939.6	938.3	938.3	937.0	937.0	934.3	934.3	933.0
180°	940.9	940.9	940.9	940.9	940.9	940.9	940.9	940.9	940.9	940.9

(END OF REPORT)