

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: P395614

Luminaire Tested: **I3-FL-60L92765-1D-UNV-W2A-W-4 (6500K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395614
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 (6500K)
Description: CORELITE I3, FROSTED TOP COVER
6000 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: 5208.4 lumens
Efficiency: N/A
Efficacy: 112.7 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

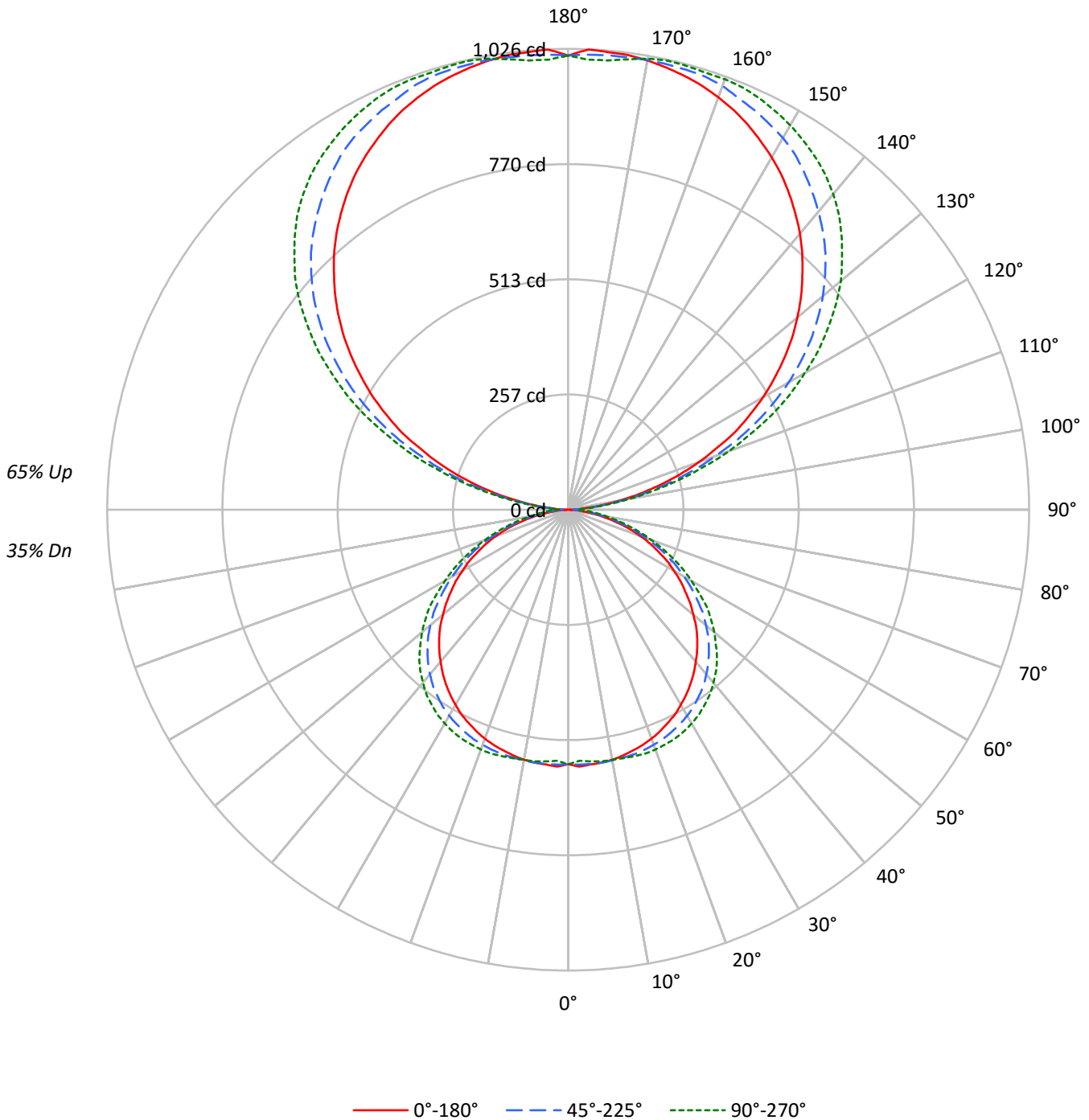
Input Watts (W): 46.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	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°	3115	3115	3115
5°	3131	3063	3015
10°	3132	3021	2980
15°	3124	2995	2968
20°	3125	2970	2963
25°	3117	2943	2952
30°	3106	2915	2926
35°	3091	2869	2882
40°	3060	2808	2819
45°	3029	2721	2732
50°	2959	2601	2599
55°	2875	2437	2444
60°	2778	2245	2207
65°	2641	2012	1961
70°	2452	1715	1656
75°	2135	1363	1317
80°	1665	968	965
85°	904	554	633



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CATALOG NUMBER: I3-FL-60L92765-1D-UNV-W2A-W-4 (6500K)

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.0	1.0
10°-20°	158.9	3.1
20°-30°	250.6	4.8
30°-40°	315.0	6.0
40°-50°	338.7	6.5
50°-60°	311.5	6.0
60°-70°	238.7	4.6
70°-80°	135.9	2.6
80°-90°	42.4	0.8
90°-100°	56.7	1.1
100°-110°	246.8	4.7
110°-120°	451.9	8.7
120°-130°	582.5	11.2
130°-140°	619.8	11.9
140°-150°	570.2	10.9
150°-160°	451.8	8.7
160°-170°	286.1	5.5
170°-180°	96.9	1.9
0°-30°	463.6	8.9
0°-40°	778.5	14.9
0°-60°	1428.7	27.4
0°-90°	1845.7	35.4
90°-120°	755.5	14.5
90°-150°	2528.0	48.5
90°-180°	3363.0	64.6
0°-180°	5208.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	567	567	567	567	567	
5°	570	564	568	565	562	54
15°	555	552	564	568	568	157
25°	524	526	545	558	562	242
35°	474	480	507	524	530	297
45°	406	416	443	462	469	313
55°	318	331	351	369	376	285
65°	222	229	243	254	258	220
75°	116	119	128	135	139	123
85°	21	27	36	46	48	27
90°	1	4	13	18	21	3
95°	38	37	41	47	48	48
105°	209	219	236	250	254	222
115°	410	429	463	487	500	403
125°	587	612	659	692	706	524
135°	737	761	810	844	861	569
145°	858	876	916	943	959	537
155°	946	957	981	1001	1010	436
165°	1000	1000	1014	1021	1023	283
175°	1023	1016	1016	1011	1004	97
180°	1011	1011	1011	1011	1011	



TEST NUMBER: P395614

CATALOG NUMBER: I3-FL-60L92765-1D-UNV-W2A-W-4 (6500K)

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7
2.5°	572.4	571.0	569.5	566.7	566.7	565.3	565.3	565.3	565.3	566.7	568.1
5°	569.5	569.5	568.1	565.3	565.3	563.9	563.9	565.3	563.9	565.3	568.1
7.5°	568.1	568.1	566.7	563.9	563.9	563.9	563.9	563.9	563.9	565.3	568.1
10°	565.3	565.3	562.4	561.0	561.0	561.0	561.0	562.4	562.4	563.9	566.7
12.5°	561.0	559.6	558.2	556.8	556.8	556.8	558.2	559.6	559.6	562.4	565.3
15°	555.3	555.3	553.9	552.5	552.5	552.5	553.9	555.3	556.8	559.6	563.9
17.5°	549.7	549.7	548.2	548.2	548.2	548.2	549.7	551.1	553.9	556.8	561.0
20°	542.6	542.6	541.1	541.1	541.1	542.6	542.6	545.4	548.2	552.5	556.8
22.5°	534.0	534.0	534.0	532.6	534.0	535.5	536.9	539.7	542.6	546.8	552.5
25°	524.1	524.1	524.1	524.1	525.5	525.5	528.4	531.2	534.0	539.7	545.4
27.5°	514.2	514.2	514.2	512.7	515.6	517.0	518.4	522.7	525.5	532.6	538.3
30°	501.4	501.4	501.4	502.8	504.2	505.6	508.5	512.7	515.6	522.7	529.8
32.5°	488.6	488.6	488.6	488.6	492.9	494.3	495.7	500.0	505.6	512.7	519.8
35°	474.4	474.4	474.4	475.8	478.6	480.1	482.9	487.2	492.9	500.0	507.1
37.5°	458.8	460.2	460.2	461.6	464.4	467.3	470.1	474.4	480.1	487.2	494.3
40°	441.7	443.1	443.1	444.6	447.4	450.2	453.1	458.8	464.4	471.5	478.6
42.5°	424.7	426.1	426.1	428.9	431.8	434.6	437.5	443.1	448.8	455.9	461.6
45°	406.2	407.6	407.6	410.5	414.7	416.2	420.4	426.1	431.8	437.5	443.1
47.5°	386.3	387.7	387.7	390.6	394.8	397.7	400.5	406.2	410.5	417.6	423.3
50°	363.6	365.0	366.4	369.3	375.0	377.8	380.6	384.9	390.6	394.8	400.5
52.5°	342.3	342.3	343.7	346.6	350.8	353.7	355.1	359.3	366.4	372.1	377.8
55°	318.2	319.6	321.0	323.8	328.1	330.9	332.4	336.6	340.9	345.1	350.8
57.5°	296.8	296.8	298.3	301.1	305.4	306.8	308.2	311.1	316.7	321.0	325.3
60°	271.3	272.7	274.1	277.0	279.8	282.6	282.6	286.9	291.2	295.4	298.3
62.5°	248.6	248.6	250.0	252.8	254.2	257.1	257.1	261.3	264.2	268.4	271.3
65°	221.6	223.0	224.4	225.8	228.7	228.7	230.1	232.9	235.8	238.6	242.9
67.5°	197.4	197.4	198.8	200.3	201.7	201.7	203.1	205.9	208.8	211.6	214.5
70°	170.4	171.9	171.9	171.9	173.3	174.7	176.1	177.5	180.4	181.8	184.6
72.5°	143.5	143.5	144.9	144.9	146.3	147.7	149.1	150.6	152.0	154.8	156.2
75°	116.5	116.5	117.9	117.9	119.3	119.3	119.3	122.1	123.6	126.4	127.8
77.5°	89.5	90.9	90.9	90.9	92.3	93.7	93.7	95.2	98.0	99.4	100.8
80°	65.3	65.3	65.3	65.3	66.8	68.2	69.6	69.6	72.4	75.3	76.7
82.5°	41.2	41.2	42.6	44.0	44.0	45.5	46.9	48.3	51.1	52.6	54.0
85°	21.3	21.3	22.7	24.1	25.6	27.0	27.0	28.4	31.2	34.1	35.5
87.5°	7.1	8.5	8.5	9.9	11.4	12.8	14.2	15.6	18.5	21.3	22.7
90°	1.4	1.4	1.4	2.8	4.3	4.3	5.7	7.1	8.5	9.9	12.8
92.5°	12.8	12.8	11.4	12.8	12.8	12.8	12.8	14.2	15.6	15.6	18.5
95°	38.3	36.9	36.9	36.9	36.9	36.9	36.9	38.3	39.8	39.8	41.2
97.5°	73.9	73.9	72.4	72.4	73.9	73.9	73.9	75.3	78.1	76.7	79.5
100°	115.0	115.0	113.6	115.0	116.5	117.9	120.7	120.7	123.6	123.6	127.8
102.5°	161.9	161.9	160.5	163.3	164.8	167.6	167.6	170.4	174.7	174.7	180.4
105°	208.8	210.2	210.2	213.0	215.9	218.7	218.7	223.0	228.7	228.7	235.8
107.5°	259.9	261.3	261.3	264.2	267.0	269.9	271.3	277.0	282.6	284.1	292.6
110°	309.6	311.1	312.5	315.3	318.2	322.4	325.3	330.9	338.0	340.9	348.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	356.5	362.2	363.6	367.9	372.1	376.4	379.2	386.3	394.8	399.1	407.6
115°	410.5	413.3	414.7	419.0	424.7	428.9	431.8	438.9	447.4	453.1	463.0
117.5°	454.5	461.6	463.0	467.3	473.0	477.2	480.1	488.6	498.5	505.6	515.6
120°	501.4	507.1	512.7	515.6	519.8	525.5	528.4	536.9	548.2	555.3	566.7
122.5°	544.0	549.7	555.3	559.6	565.3	568.1	572.4	582.3	593.7	602.2	613.6
125°	586.6	593.7	598.0	602.2	609.3	612.2	616.4	626.4	637.7	647.7	659.0
127.5°	627.8	632.0	639.1	642.0	649.1	651.9	656.2	667.6	678.9	688.9	700.2
130°	666.1	671.8	677.5	678.9	687.4	691.7	696.0	705.9	718.7	728.6	740.0
132.5°	703.1	705.9	713.0	717.3	724.4	728.6	732.9	741.4	754.2	764.1	775.5
135°	737.1	740.0	748.5	752.8	757.0	761.3	767.0	775.5	788.3	798.2	809.6
137.5°	771.2	774.1	782.6	786.9	789.7	794.0	798.2	806.7	819.5	829.5	839.4
140°	802.5	805.3	811.0	816.7	819.5	822.4	826.6	835.1	846.5	856.5	866.4
142.5°	830.9	833.7	839.4	845.1	849.4	849.4	853.6	860.7	873.5	883.4	892.0
145°	857.9	859.3	865.0	870.7	876.3	876.3	877.8	884.9	896.2	907.6	916.1
147.5°	883.4	884.9	889.1	894.8	899.1	900.5	903.3	906.2	917.5	928.9	938.8
150°	906.2	907.6	910.4	916.1	918.9	921.8	924.6	926.1	934.6	944.5	955.9
152.5°	926.1	927.5	930.3	934.6	937.4	940.3	943.1	947.4	951.6	961.6	968.7
155°	945.9	947.4	948.8	953.0	955.9	957.3	958.7	964.4	968.7	974.3	981.4
157.5°	963.0	963.0	964.4	967.2	970.1	970.1	971.5	977.2	981.4	987.1	991.4
160°	977.2	977.2	978.6	981.4	981.4	982.9	984.3	988.5	991.4	998.5	1004.2
162.5°	990.0	988.5	990.0	991.4	991.4	991.4	992.8	995.6	999.9	1005.6	1011.3
165°	999.9	999.9	999.9	1001.3	1001.3	999.9	999.9	1002.7	1005.6	1009.8	1014.1
167.5°	1008.4	1008.4	1007.0	1008.4	1007.0	1007.0	1005.6	1007.0	1008.4	1012.7	1015.5
170°	1015.5	1014.1	1014.1	1014.1	1012.7	1011.3	1011.3	1011.3	1011.3	1014.1	1017.0
172.5°	1021.2	1019.8	1018.4	1018.4	1015.5	1014.1	1014.1	1012.7	1012.7	1014.1	1015.5
175°	1022.6	1021.2	1019.8	1019.8	1017.0	1015.5	1014.1	1014.1	1012.7	1014.1	1015.5
177.5°	1025.5	1024.1	1021.2	1021.2	1018.4	1015.5	1015.5	1014.1	1012.7	1014.1	1014.1
180°	1011.3	1011.3	1011.3	1011.3	1011.3	1011.3	1011.3	1011.3	1011.3	1011.3	1011.3



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7
2.5°	569.5	569.5	568.1	566.7	566.7	565.3	563.9	562.4	561.0	559.6
5°	569.5	568.1	566.7	566.7	565.3	565.3	565.3	563.9	562.4	562.4
7.5°	569.5	569.5	568.1	566.7	566.7	566.7	566.7	566.7	565.3	565.3
10°	569.5	568.1	568.1	568.1	566.7	568.1	568.1	566.7	566.7	565.3
12.5°	568.1	568.1	568.1	568.1	568.1	568.1	568.1	568.1	568.1	566.7
15°	565.3	566.7	566.7	568.1	568.1	568.1	569.5	569.5	568.1	568.1
17.5°	563.9	565.3	566.7	568.1	568.1	568.1	569.5	569.5	569.5	569.5
20°	561.0	562.4	563.9	565.3	565.3	566.7	566.7	568.1	568.1	568.1
22.5°	555.3	556.8	559.6	561.0	562.4	563.9	565.3	565.3	565.3	565.3
25°	549.7	552.5	553.9	556.8	558.2	559.6	561.0	561.0	561.0	562.4
27.5°	542.6	545.4	549.7	551.1	552.5	553.9	555.3	556.8	556.8	556.8
30°	534.0	538.3	541.1	544.0	545.4	546.8	548.2	548.2	549.7	549.7
32.5°	524.1	528.4	531.2	534.0	535.5	536.9	539.7	539.7	541.1	541.1
35°	511.3	515.6	519.8	522.7	524.1	525.5	528.4	529.8	529.8	529.8
37.5°	498.5	502.8	507.1	511.3	512.7	514.2	517.0	517.0	518.4	518.4
40°	482.9	487.2	491.4	495.7	495.7	498.5	500.0	501.4	502.8	502.8
42.5°	467.3	471.5	474.4	478.6	480.1	481.5	482.9	485.8	485.8	487.2
45°	448.8	453.1	455.9	460.2	461.6	463.0	465.9	467.3	468.7	468.7
47.5°	428.9	431.8	434.6	438.9	441.7	443.1	444.6	446.0	447.4	446.0
50°	406.2	409.1	413.3	417.6	419.0	420.4	423.3	423.3	424.7	424.7
52.5°	382.1	386.3	389.2	393.4	394.8	396.3	399.1	399.1	400.5	400.5
55°	355.1	357.9	360.8	367.9	369.3	370.7	373.5	373.5	375.0	376.4
57.5°	329.5	330.9	335.2	338.0	340.9	340.9	342.3	343.7	345.1	345.1
60°	302.5	303.9	306.8	311.1	311.1	312.5	315.3	315.3	316.7	316.7
62.5°	274.1	277.0	279.8	284.1	282.6	284.1	286.9	286.9	288.3	288.3
65°	245.7	247.1	250.0	252.8	254.2	254.2	255.7	257.1	258.5	258.5
67.5°	215.9	218.7	220.2	224.4	223.0	224.4	225.8	225.8	227.3	227.3
70°	187.5	188.9	191.7	193.2	193.2	194.6	196.0	196.0	196.0	197.4
72.5°	159.1	160.5	161.9	163.3	163.3	164.8	166.2	166.2	167.6	167.6
75°	129.2	132.1	133.5	136.4	134.9	136.4	139.2	139.2	139.2	139.2
77.5°	103.7	105.1	107.9	109.4	109.4	109.4	112.2	110.8	112.2	112.2
80°	78.1	79.5	82.4	83.8	83.8	85.2	86.6	86.6	86.6	88.1
82.5°	55.4	58.2	61.1	62.5	62.5	63.9	65.3	65.3	66.8	66.8
85°	38.3	41.2	44.0	44.0	45.5	46.9	48.3	48.3	48.3	48.3
87.5°	25.6	27.0	28.4	29.8	31.2	31.2	32.7	32.7	34.1	34.1
90°	14.2	15.6	17.0	18.5	18.5	19.9	19.9	21.3	21.3	21.3
92.5°	19.9	19.9	21.3	22.7	22.7	22.7	22.7	24.1	24.1	24.1
95°	42.6	44.0	44.0	46.9	46.9	46.9	48.3	48.3	48.3	48.3
97.5°	82.4	82.4	82.4	85.2	85.2	85.2	86.6	86.6	86.6	88.1
100°	129.2	130.7	130.7	134.9	133.5	136.4	136.4	136.4	136.4	137.8
102.5°	181.8	184.6	186.1	190.3	190.3	190.3	193.2	191.7	193.2	193.2
105°	238.6	241.5	242.9	247.1	250.0	250.0	252.8	251.4	252.8	254.2
107.5°	295.4	299.7	302.5	306.8	309.6	311.1	311.1	312.5	313.9	315.3
110°	353.7	357.9	365.0	369.3	370.7	373.5	375.0	376.4	377.8	380.6



TEST NUMBER: P395614

CATALOG NUMBER: I3-FL-60L92765-1D-UNV-W2A-W-4 (6500K)

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	414.7	419.0	424.7	430.4	428.9	433.2	436.0	437.5	438.9	437.5
115°	470.1	475.8	481.5	487.2	487.2	490.0	495.7	497.1	497.1	500.0
117.5°	522.7	529.8	535.5	541.1	542.6	545.4	549.7	553.9	553.9	556.8
120°	573.8	582.3	588.0	593.7	596.5	598.0	602.2	607.9	607.9	607.9
122.5°	622.1	629.2	636.3	642.0	644.8	647.7	650.5	657.6	657.6	660.5
125°	667.6	676.1	683.2	688.9	691.7	694.5	700.2	704.5	705.9	705.9
127.5°	710.2	718.7	725.8	732.9	734.3	737.1	742.8	748.5	749.9	751.4
130°	749.9	758.5	765.6	772.7	775.5	776.9	784.0	788.3	791.1	792.5
132.5°	785.4	794.0	801.1	808.2	811.0	813.8	818.1	825.2	826.6	826.6
135°	818.1	826.6	833.7	842.3	843.7	846.5	852.2	856.5	859.3	860.7
137.5°	847.9	856.5	865.0	872.1	874.9	876.3	882.0	887.7	890.5	892.0
140°	874.9	883.4	892.0	897.6	899.1	903.3	907.6	913.3	916.1	917.5
142.5°	900.5	907.6	914.7	921.8	923.2	926.1	930.3	936.0	938.8	940.3
145°	923.2	930.3	936.0	941.7	943.1	945.9	950.2	954.5	957.3	958.7
147.5°	944.5	950.2	955.9	960.1	961.6	964.4	967.2	970.1	972.9	974.3
150°	963.0	965.8	971.5	974.3	975.8	978.6	981.4	984.3	987.1	988.5
152.5°	977.2	981.4	984.3	988.5	990.0	991.4	994.2	997.1	999.9	999.9
155°	988.5	992.8	995.6	999.9	1001.3	1002.7	1005.6	1007.0	1009.8	1009.8
157.5°	997.1	1001.3	1004.2	1007.0	1008.4	1009.8	1011.3	1014.1	1017.0	1017.0
160°	1007.0	1008.4	1009.8	1012.7	1012.7	1014.1	1015.5	1017.0	1019.8	1019.8
162.5°	1015.5	1017.0	1014.1	1015.5	1014.1	1015.5	1017.0	1018.4	1019.8	1019.8
165°	1018.4	1021.2	1019.8	1021.2	1021.2	1021.2	1021.2	1022.6	1022.6	1022.6
167.5°	1018.4	1021.2	1019.8	1019.8	1021.2	1021.2	1022.6	1024.1	1024.1	1024.1
170°	1018.4	1019.8	1018.4	1017.0	1018.4	1018.4	1018.4	1019.8	1019.8	1019.8
172.5°	1017.0	1018.4	1015.5	1014.1	1014.1	1014.1	1012.7	1012.7	1011.3	1011.3
175°	1015.5	1015.5	1012.7	1011.3	1011.3	1011.3	1008.4	1007.0	1005.6	1004.2
177.5°	1014.1	1014.1	1009.8	1008.4	1008.4	1007.0	1007.0	1004.2	1004.2	1002.7
180°	1011.3	1011.3	1011.3	1011.3	1011.3	1011.3	1011.3	1011.3	1011.3	1011.3

(END OF REPORT)