

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P598695

Luminaire Tested: **IFLD-L-SA7B-735-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598695  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA7B-735-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (112) 3500K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

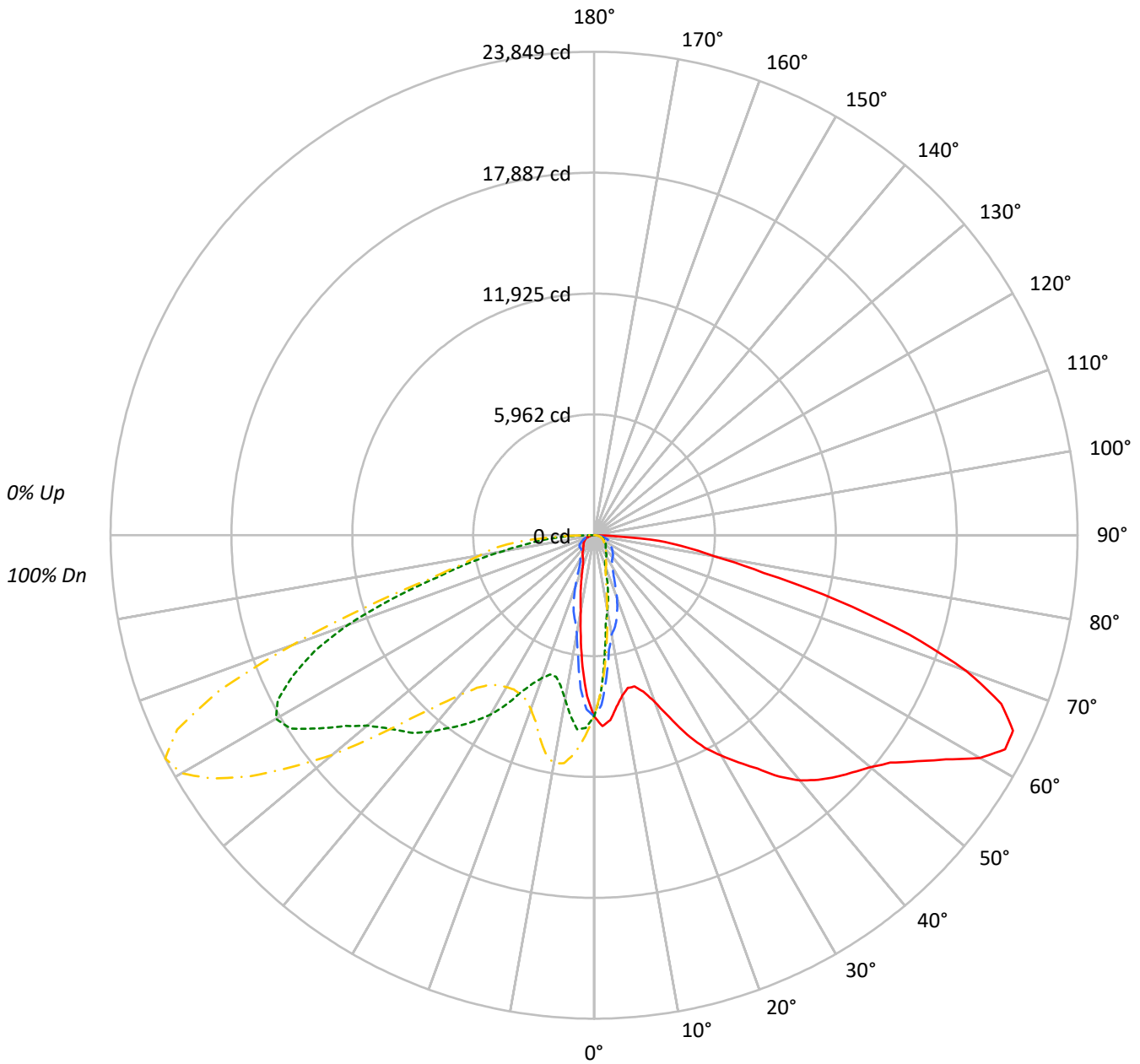
Lumens per Lamp: N/A  
 Luminaire Lumens: 29875.9 lumens  
 Efficiency: N/A  
 Efficacy: 106.3 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 281  
 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

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	GONIO 1 IN0055	4/22/2021	10/22/2021
Power Meter	XITRON 2801 IN0197	12/1/2020	12/1/2021
AC Power Source	CHROMA 61505 IN0196	12/1/2020	12/1/2021
DC Power Supply	AGILENT E3634A IN0198	11/30/2020	11/30/2021
Room Thermometer	ONSET IN0143	12/1/2020	12/1/2021

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### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - · - · 90°-270°    - · - · 135°-315°

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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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77				
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59				
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46				
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36				
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30				
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25				
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21				
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18				
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16				
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14				

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

	0°	90°	180°	270°
0°	48031	48031	48031	48031
5°	49430	32143	35114	51928
10°	43854	20424	20629	44878
15°	43039	14486	13720	40254
20°	50040	9163	9235	42881
25°	64353	7868	7645	50696
30°	77988	7457	6991	63462
35°	92305	6569	6323	75224
40°	110911	6235	5796	88870
45°	128337	6184	5613	103602
50°	149028	6280	5652	122341
55°	182375	6451	5747	155868
60°	236523	6458	6055	194950
65°	290337	6527	6208	208679
70°	307222	6884	6491	203176
75°	258614	7278	6498	165824
80°	187885	8523	6586	143335
85°	199135	12350	5403	148968

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	690.7	2.3
10°-20°	1445.5	4.8
20°-30°	2083.1	7.0
30°-40°	2998.8	10.0
40°-50°	4259.6	14.3
50°-60°	6124.2	20.5
60°-70°	7075.4	23.7
70°-80°	4006.3	13.4
80°-90°	1192.3	4.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	4219.3	14.1
0°-40°	7218.1	24.2
0°-60°	17601.9	58.9
0°-90°	29875.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	29875.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	8924	8924	8924	8924	8924	
5°	9150	5950	6500	9612	9150	830
15°	7724	2600	2462	7225	7724	2271
25°	10837	1325	1287	8537	10837	5030
35°	14049	1000	962	11449	14049	8916
45°	16862	812	738	13612	16862	13056
55°	19436	688	612	16612	19436	17603
65°	22799	512	488	16386	22799	21862
75°	12437	350	312	7974	12437	13196
85°	3225	200	88	2412	3225	3212
90°	0	0	0	0	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5
2.5°	9424.4	9411.9	9336.9	9099.5	8849.5	8612.0	8387.0	8149.5	8024.5	7874.5	7812.0
5°	9149.5	9124.5	8912.0	8387.0	7924.5	7424.6	6999.6	6662.1	6387.1	6112.1	6012.1
7.5°	8524.5	8487.0	8237.0	7512.1	6837.1	6187.1	5674.7	5237.2	4874.7	4712.2	4524.7
10°	8024.5	7962.0	7637.0	6837.1	5962.1	5312.2	4974.7	4674.7	4362.2	4099.8	3824.8
12.5°	7712.0	7637.0	7299.6	6362.1	5512.2	5024.7	4674.7	4337.2	3949.8	3624.8	3324.8
15°	7724.5	7637.0	7224.6	6237.1	5399.7	4774.7	4287.2	3824.8	3374.8	3012.3	2674.8
17.5°	8087.0	7974.5	7537.1	6412.1	5312.2	4449.7	3799.8	3199.8	2687.3	2299.9	2024.9
20°	8737.0	8662.0	8162.0	6674.6	5224.7	4099.8	3299.8	2574.8	2037.4	1737.4	1624.9
22.5°	9711.9	9624.4	9087.0	7074.6	5199.7	3787.3	2762.3	2024.9	1637.4	1512.4	1449.9
25°	10836.9	10674.4	10174.4	7749.5	5249.7	3499.8	2324.9	1674.9	1462.4	1374.9	1337.4
27.5°	11811.8	11711.8	11149.3	8387.0	5274.7	3274.8	2024.9	1524.9	1362.4	1287.4	1262.4
30°	12549.3	12511.8	11961.8	9087.0	5212.2	2999.8	1837.4	1462.4	1362.4	1287.4	1212.4
32.5°	13286.7	13299.2	12711.8	9624.4	5124.7	2762.3	1662.4	1299.9	1199.9	1149.9	1162.4
35°	14049.2	14111.7	13611.7	10149.4	4937.2	2674.8	1537.4	1212.4	1124.9	1049.9	1012.4
37.5°	15011.6	15174.1	14686.6	10736.9	4749.7	2599.8	1474.9	1149.9	1062.4	999.9	949.9
40°	15786.6	16086.6	15799.1	11286.8	4624.7	2512.4	1424.9	1087.4	1024.9	949.9	912.4
42.5°	16361.5	16711.5	16611.5	11711.8	4624.7	2424.9	1374.9	1049.9	999.9	912.4	862.4
45°	16861.5	17224.0	17211.5	12149.3	4724.7	2374.9	1312.4	1049.9	974.9	887.4	837.5
47.5°	17311.5	17674.0	17799.0	12699.3	4887.2	2349.9	1237.4	1024.9	974.9	874.9	800.0
50°	17799.0	18198.9	18573.9	13574.2	5087.2	2287.4	1187.4	987.4	987.4	862.4	775.0
52.5°	18423.9	18873.9	19561.3	14661.6	5287.2	2174.9	1112.4	962.4	987.4	849.9	750.0
55°	19436.4	19811.3	20711.3	15961.6	5537.2	2037.4	1049.9	899.9	937.4	812.5	712.5
57.5°	20573.8	20898.8	21648.7	16961.5	5612.2	1862.4	962.4	837.5	899.9	775.0	662.5
60°	21973.7	22136.2	22136.2	17249.0	5362.2	1699.9	899.9	787.5	812.5	737.5	625.0
62.5°	22861.2	22861.2	22136.2	16724.0	4887.2	1562.4	849.9	737.5	712.5	687.5	587.5
65°	22798.7	22698.7	21623.7	15199.1	4337.2	1474.9	800.0	675.0	637.5	625.0	550.0
67.5°	21748.7	21573.7	20111.3	13049.2	3762.3	1437.4	750.0	612.5	587.5	562.5	500.0
70°	19523.8	19073.9	17274.0	10499.4	3199.8	1412.4	737.5	562.5	537.5	512.5	462.5
72.5°	16299.0	15724.1	13486.7	8074.5	2687.3	1324.9	700.0	500.0	487.5	462.5	412.5
75°	12436.8	11374.3	9411.9	6174.6	2087.4	1149.9	600.0	437.5	437.5	425.0	375.0
77.5°	8574.5	8024.5	6562.1	4562.2	1524.9	887.4	487.5	387.5	387.5	400.0	350.0
80°	6062.1	5549.7	4674.7	3274.8	962.4	600.0	375.0	325.0	362.5	387.5	325.0
82.5°	4637.2	4262.2	3474.8	2387.4	562.5	412.5	287.5	262.5	312.5	337.5	275.0
85°	3224.8	2774.8	1762.4	1599.9	325.0	250.0	212.5	212.5	275.0	337.5	250.0
87.5°	912.4	387.5	112.5	475.0	137.5	100.0	75.0	50.0	75.0	75.0	50.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5
2.5°	7749.5	7674.5	7674.5	7649.5	7662.0	7674.5	7662.0	7749.5	7787.0	7837.0	7937.0
5°	5949.6	6049.6	5974.6	6049.6	6149.6	6299.6	6337.1	6449.6	6462.1	6549.6	6499.6
7.5°	4412.2	4399.7	4337.2	4424.7	4699.7	4912.2	5012.2	5074.7	5087.2	5087.2	5024.7
10°	3737.3	3624.8	3512.3	3449.8	3474.8	3699.8	3774.8	3812.3	3787.3	3824.8	3774.8
12.5°	3199.8	3099.8	2937.3	2824.8	2749.8	2812.3	2887.3	2924.8	2949.8	3012.3	3062.3
15°	2599.8	2499.9	2399.9	2337.4	2274.9	2224.9	2287.4	2324.9	2387.4	2437.4	2462.4
17.5°	1974.9	1924.9	1874.9	1912.4	1912.4	1887.4	1912.4	1924.9	1949.9	1987.4	1974.9
20°	1599.9	1587.4	1574.9	1637.4	1687.4	1687.4	1712.4	1674.9	1662.4	1624.9	1612.4
22.5°	1424.9	1424.9	1437.4	1487.4	1537.4	1562.4	1562.4	1499.9	1437.4	1412.4	1424.9
25°	1324.9	1324.9	1362.4	1374.9	1399.9	1399.9	1412.4	1349.9	1312.4	1274.9	1287.4
27.5°	1249.9	1249.9	1262.4	1262.4	1274.9	1274.9	1287.4	1262.4	1212.4	1199.9	1199.9
30°	1199.9	1199.9	1187.4	1187.4	1187.4	1187.4	1199.9	1162.4	1137.4	1124.9	1124.9
32.5°	1149.9	1137.4	1124.9	1124.9	1112.4	1112.4	1124.9	1087.4	1074.9	1074.9	1074.9
35°	999.9	987.4	999.9	1024.9	1024.9	1037.4	1037.4	1024.9	999.9	974.9	962.4
37.5°	937.4	924.9	924.9	924.9	949.9	962.4	974.9	949.9	912.4	874.9	874.9
40°	887.4	887.4	874.9	874.9	874.9	899.9	924.9	887.4	837.5	825.0	825.0
42.5°	849.9	837.5	825.0	812.5	800.0	837.5	862.4	812.5	787.5	787.5	787.5
45°	812.5	800.0	787.5	775.0	762.5	775.0	800.0	750.0	737.5	737.5	737.5
47.5°	775.0	762.5	737.5	725.0	712.5	712.5	737.5	700.0	687.5	700.0	700.0
50°	750.0	725.0	700.0	687.5	675.0	675.0	675.0	662.5	662.5	662.5	675.0
52.5°	725.0	700.0	662.5	650.0	637.5	637.5	637.5	637.5	625.0	637.5	650.0
55°	687.5	662.5	637.5	625.0	612.5	600.0	612.5	600.0	600.0	612.5	612.5
57.5°	637.5	612.5	587.5	587.5	575.0	575.0	587.5	575.0	575.0	587.5	587.5
60°	600.0	575.0	550.0	550.0	537.5	550.0	562.5	550.0	550.0	550.0	562.5
62.5°	550.0	537.5	512.5	512.5	512.5	512.5	525.0	512.5	525.0	525.0	525.0
65°	512.5	487.5	475.0	475.0	475.0	475.0	500.0	475.0	487.5	487.5	487.5
67.5°	475.0	450.0	437.5	437.5	437.5	437.5	462.5	437.5	450.0	462.5	450.0
70°	437.5	412.5	400.0	400.0	400.0	400.0	412.5	400.0	400.0	412.5	412.5
72.5°	387.5	375.0	362.5	362.5	350.0	362.5	375.0	362.5	362.5	362.5	362.5
75°	350.0	337.5	337.5	325.0	325.0	325.0	337.5	312.5	312.5	312.5	312.5
77.5°	325.0	300.0	300.0	300.0	287.5	300.0	287.5	262.5	262.5	262.5	262.5
80°	275.0	250.0	262.5	262.5	250.0	250.0	237.5	212.5	212.5	212.5	212.5
82.5°	225.0	200.0	212.5	212.5	212.5	212.5	187.5	175.0	162.5	150.0	150.0
85°	200.0	162.5	187.5	187.5	175.0	175.0	125.0	125.0	100.0	100.0	87.5
87.5°	37.5	25.0	50.0	62.5	62.5	75.0	50.0	62.5	37.5	25.0	25.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5
2.5°	7924.5	8062.0	8249.5	8387.0	8599.5	8762.0	9012.0	9224.5	9424.4	9511.9	9599.4
5°	6649.6	6737.1	7024.6	7249.6	7587.1	7949.5	8399.5	8887.0	9386.9	9611.9	9874.4
7.5°	4974.7	5137.2	5299.7	5624.7	6037.1	6624.6	7199.6	7924.5	8624.5	8962.0	9411.9
10°	3862.3	3987.3	4174.8	4512.2	4899.7	5387.2	6074.6	6937.1	7774.5	8212.0	8674.5
12.5°	3099.8	3274.8	3524.8	3874.8	4324.7	4824.7	5324.7	6124.6	7099.6	7599.6	8124.5
15°	2512.4	2649.8	2924.8	3362.3	3887.3	4399.7	4924.7	5587.2	6649.6	7224.6	7849.5
17.5°	1999.9	2099.9	2349.9	2787.3	3312.3	3887.3	4487.2	5324.7	6499.6	7199.6	7937.0
20°	1624.9	1699.9	1862.4	2187.4	2687.3	3312.3	4062.3	5074.7	6587.1	7487.1	8387.0
22.5°	1424.9	1449.9	1524.9	1699.9	2112.4	2774.8	3674.8	4862.2	6749.6	7912.0	9124.5
25°	1287.4	1312.4	1337.4	1449.9	1687.4	2312.4	3337.3	4737.2	7099.6	8537.0	9974.4
27.5°	1199.9	1224.9	1237.4	1287.4	1449.9	1974.9	3049.8	4662.2	7574.6	9449.4	11024.3
30°	1124.9	1124.9	1162.4	1237.4	1349.9	1737.4	2799.8	4487.2	8074.5	10211.9	11849.3
32.5°	1062.4	1074.9	1124.9	1162.4	1237.4	1537.4	2549.8	4262.2	8524.5	10836.9	12661.8
35°	949.9	949.9	962.4	1024.9	1124.9	1374.9	2324.9	4037.3	8774.5	11449.3	13386.7
37.5°	874.9	887.4	912.4	962.4	1049.9	1262.4	2137.4	3787.3	9037.0	12024.3	14236.7
40°	825.0	837.5	862.4	912.4	999.9	1162.4	1974.9	3587.3	9312.0	12649.3	15149.1
42.5°	787.5	800.0	825.0	874.9	949.9	1137.4	1799.9	3424.8	9474.4	13224.2	16011.6
45°	750.0	762.5	800.0	849.9	912.4	1112.4	1699.9	3312.3	9536.9	13611.7	16699.0
47.5°	712.5	725.0	762.5	837.5	912.4	1074.9	1662.4	3249.8	9586.9	14049.2	17249.0
50°	675.0	700.0	750.0	825.0	924.9	1024.9	1637.4	3237.3	9874.4	14611.6	17774.0
52.5°	650.0	687.5	737.5	825.0	912.4	949.9	1624.9	3274.8	10449.4	15449.1	18523.9
55°	625.0	662.5	712.5	825.0	874.9	887.4	1562.4	3337.3	11324.3	16611.5	19586.3
57.5°	600.0	625.0	687.5	800.0	825.0	837.5	1437.4	3424.8	12199.3	17749.0	20673.8
60°	562.5	587.5	650.0	800.0	750.0	787.5	1274.9	3449.8	12824.2	18111.4	20773.8
62.5°	525.0	550.0	612.5	825.0	687.5	737.5	1137.4	3362.3	12949.2	17586.5	20211.3
65°	487.5	512.5	562.5	687.5	637.5	687.5	1049.9	3124.8	12536.8	16386.5	19186.4
67.5°	450.0	475.0	512.5	562.5	575.0	625.0	1012.4	2749.8	11499.3	14899.1	17786.5
70°	400.0	425.0	462.5	500.0	512.5	587.5	949.9	2387.4	9824.4	12911.7	16074.1
72.5°	362.5	375.0	412.5	437.5	462.5	537.5	912.4	2087.4	7512.1	10449.4	13111.7
75°	312.5	312.5	350.0	375.0	400.0	475.0	837.5	1737.4	5299.7	7974.5	9636.9
77.5°	262.5	262.5	287.5	312.5	337.5	412.5	712.5	1412.4	3674.8	6324.6	6987.1
80°	200.0	200.0	225.0	250.0	275.0	350.0	575.0	1037.4	2274.9	4624.7	5087.2
82.5°	137.5	137.5	175.0	187.5	200.0	275.0	437.5	712.5	1337.4	3337.3	3637.3
85°	75.0	75.0	100.0	112.5	137.5	200.0	325.0	500.0	800.0	2412.4	2424.9
87.5°	12.5	12.5	37.5	37.5	62.5	100.0	187.5	275.0	450.0	1337.4	849.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P598695  
 CATALOG NUMBER: IFLD-L-SA7B-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5	8924.5
2.5°	9761.9	9899.4	9911.9	9911.9	9849.4	9861.9	9686.9	9499.4	9436.9	9424.4
5°	10274.4	10636.9	10736.9	10786.9	10624.4	10374.4	9924.4	9436.9	9187.0	9149.5
7.5°	10174.4	10899.4	11286.8	11336.8	11011.9	10424.4	9636.9	8887.0	8599.5	8524.5
10°	9586.9	10561.9	11261.8	11436.8	11086.8	10336.9	9312.0	8437.0	8087.0	8024.5
12.5°	9174.5	10111.9	10799.4	11036.8	10874.4	10224.4	9149.5	8149.5	7799.5	7712.0
15°	8949.5	9811.9	10261.9	10336.9	10324.4	10049.4	9149.5	8212.0	7824.5	7724.5
17.5°	9137.0	9724.4	9786.9	9611.9	9711.9	9849.4	9349.4	8549.5	8174.5	8087.0
20°	9511.9	9686.9	9386.9	9124.5	9174.5	9611.9	9661.9	9187.0	8887.0	8737.0
22.5°	10299.4	9824.4	9137.0	8774.5	8812.0	9424.4	10074.4	10049.4	9786.9	9711.9
25°	11099.3	10211.9	9062.0	8637.0	8687.0	9386.9	10561.9	11011.9	10874.4	10836.9
27.5°	11986.8	10861.9	9112.0	8574.5	8637.0	9436.9	10899.4	11824.3	11849.3	11811.8
30°	12586.8	11174.3	9262.0	8649.5	8737.0	9561.9	10974.4	12311.8	12536.8	12549.3
32.5°	13086.7	11486.8	9574.4	8774.5	8924.5	9786.9	11174.3	12774.2	13274.2	13286.7
35°	13486.7	11836.8	9961.9	8999.5	9224.5	10161.9	11436.8	13211.7	13961.7	14049.2
37.5°	13999.2	12224.3	10411.9	9486.9	9736.9	10699.4	11899.3	13724.2	14774.1	15011.6
40°	14549.1	12611.8	11061.8	10274.4	10636.9	11499.3	12424.3	14299.2	15461.6	15786.6
42.5°	15161.6	13024.2	11799.3	11336.8	11886.8	12511.8	13024.2	14824.1	15986.6	16361.5
45°	15761.6	13524.2	12874.2	12786.7	13399.2	13711.7	13611.7	15199.1	16486.5	16861.5
47.5°	16186.5	14249.2	14174.2	14699.1	15274.1	15111.6	14299.2	15474.1	16899.0	17311.5
50°	16574.0	15149.1	15811.6	16836.5	17186.5	16636.5	15036.6	15849.1	17336.5	17799.0
52.5°	17149.0	16111.5	17499.0	18773.9	19111.4	18236.4	15836.6	16461.5	18011.4	18423.9
55°	18323.9	17199.0	19261.4	20723.8	20786.3	19698.8	16911.5	17499.0	18961.4	19436.4
57.5°	19636.3	18536.4	20661.3	22336.2	22311.2	21161.3	18123.9	18898.9	20248.8	20573.8
60°	20823.8	19886.3	22186.2	23486.1	23423.6	22223.7	19536.3	20486.3	21723.7	21973.7
62.5°	21523.7	21111.3	22861.2	23848.6	23611.1	22573.7	20736.3	21898.7	22773.7	22861.2
65°	21411.2	21811.2	22073.7	22686.2	22348.7	21598.7	21323.7	22798.7	22886.2	22798.7
67.5°	20561.3	21411.2	19911.3	19973.8	19798.8	19161.4	20411.3	22561.2	21961.2	21748.7
70°	19273.9	19336.4	16649.0	15861.6	16136.5	15261.6	17511.5	20711.3	19786.3	19523.8
72.5°	17136.5	16361.5	12586.8	11786.8	12199.3	11574.3	14049.2	18048.9	17149.0	16299.0
75°	14374.2	12961.7	9586.9	8449.5	8662.0	8637.0	10886.9	14911.6	13286.7	12436.8
77.5°	11136.8	10099.4	7074.6	6637.1	6412.1	6462.1	7599.6	11086.8	9636.9	8574.5
80°	8137.0	7062.1	5474.7	5724.7	5599.7	5299.7	5324.7	7424.6	6699.6	6062.1
82.5°	5624.7	5024.7	4437.2	5012.2	4712.2	4249.7	4149.8	5349.7	5024.7	4637.2
85°	3774.8	4137.3	3524.8	3837.3	3324.8	3062.3	3899.8	4474.7	3612.3	3224.8
87.5°	2462.4	3787.3	2537.4	1924.9	1099.9	1474.9	2387.4	2937.3	1687.4	912.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)