

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: P599224

Luminaire Tested: **IFLD-L-SA8D-735-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599224
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8D-735-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (128) 3500K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

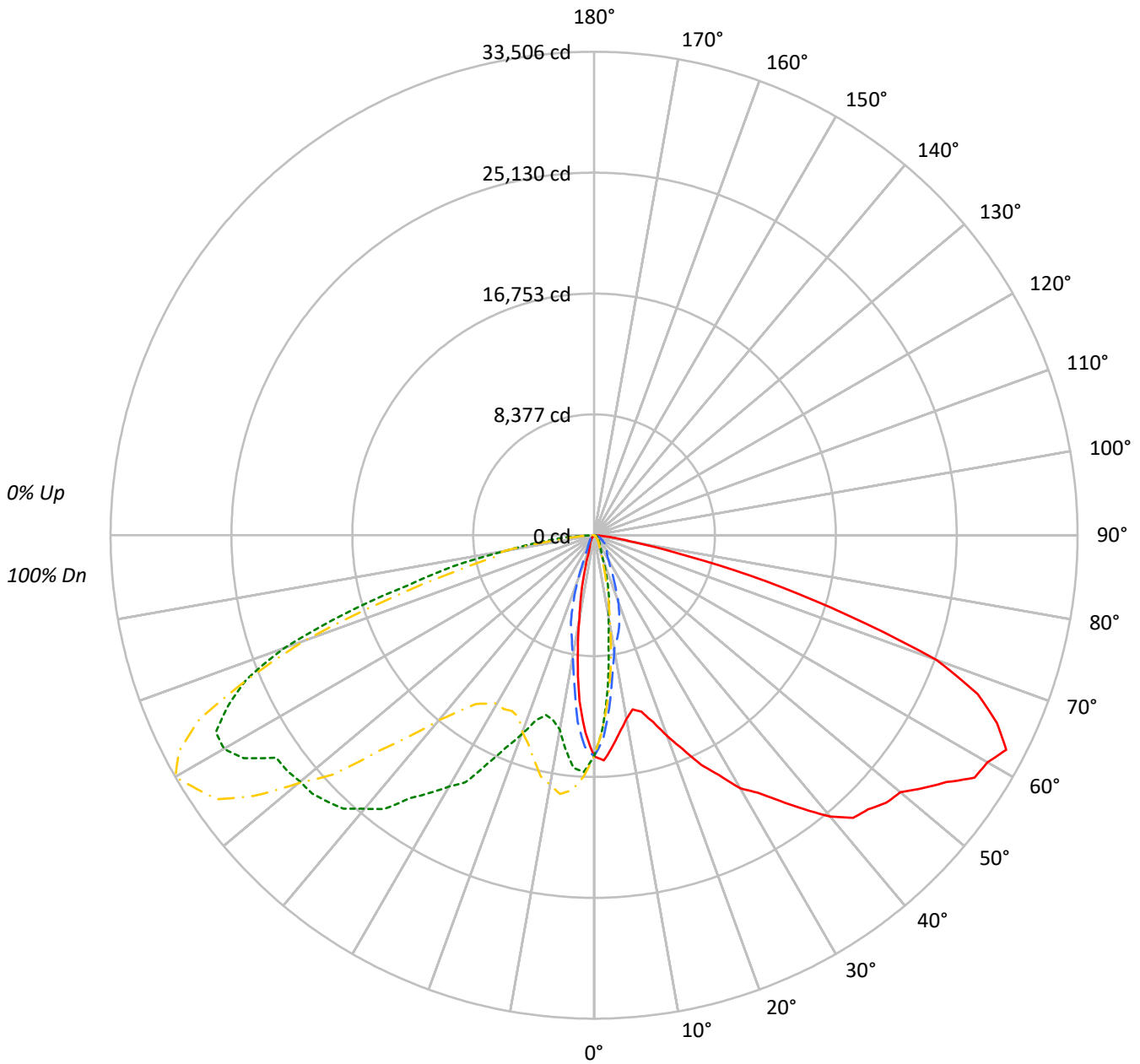
Lumens per Lamp: N/A
 Luminaire Lumens: 40051.1 lumens
 Efficiency: N/A
 Efficacy: 82.0 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 488.3
 Input Voltage (V): 120
 Input Current (A_{in}): 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			100	
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79			79	
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62			62	
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49			49	
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40			40	
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33			33	
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27			27	
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24			24	
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20			20	
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18			18	
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16			16	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	82406	82406	82406	82406
5°	79337	57986	62420	87446
10°	70636	31571	31984	74766
15°	70512	21058	12875	71836
20°	84664	10514	5133	84169
25°	104134	6605	3976	103621
30°	125821	5301	3020	125016
35°	147635	4257	2341	146145
40°	178732	3641	1518	173801
45°	204478	3287	822	198808
50°	231991	3164	181	222498
55°	279843	3039	0	252284
60°	338805	2558	0	318698
65°	392316	2063	0	356563
70°	397259	1699	0	359539
75°	257094	1123	0	275730
80°	87684	335	0	195110
85°	44010	0	0	143361

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1159.9	2.9
10°-20°	2245.9	5.6
20°-30°	3128.0	7.8
30°-40°	4444.5	11.1
40°-50°	6163.3	15.4
50°-60°	8397.8	21.0
60°-70°	9232.8	23.1
70°-80°	4537.8	11.3
80°-90°	741.0	1.9
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°	6533.8	16.3
0°-40°	10978.3	27.4
0°-60°	25539.5	63.8
0°-90°	40051.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	40051.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	15312	15312	15312	15312	15312	
5°	14685	10733	11554	16186	14685	1344
15°	12655	3779	2311	12893	12655	3746
25°	17536	1112	670	17450	17536	8153
35°	22470	648	356	22244	22470	14264
45°	26865	432	108	26120	26865	20826
55°	29824	324	0	26887	29824	26828
65°	30807	162	0	27999	30807	29771
75°	12364	54	0	13260	12364	13479
85°	713	0	0	2322	713	986
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°	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5
2.5°	15624.6	15808.2	15635.4	15030.8	14922.8	14631.2	14188.5	14156.1	13691.8	13745.8	13497.4
5°	14685.2	14868.8	14501.7	13702.6	12957.5	12363.7	12007.3	11370.2	11229.9	10916.7	10916.7
7.5°	13724.2	13713.4	13087.1	12417.6	11305.5	10214.9	9718.2	8800.3	8260.4	7968.9	7688.1
10°	12925.2	12752.4	12363.7	10981.5	9772.2	8638.4	8022.9	7418.2	6856.7	6370.8	5884.9
12.5°	12363.7	12471.6	11856.2	10355.2	8789.5	8001.3	7342.6	6705.5	6036.1	5485.4	4945.5
15°	12655.2	12482.4	11759.0	10214.9	8627.6	7547.8	6673.1	5895.7	5150.6	4427.2	4016.8
17.5°	13562.2	13119.5	12266.5	10214.9	8292.8	6856.7	5798.5	4880.7	4081.6	3433.8	2926.2
20°	14782.4	14274.9	13357.1	10592.8	8044.5	6349.2	4902.3	3746.9	2915.4	2310.8	1922.0
22.5°	16035.0	15635.4	14253.3	10744.0	7752.9	5668.9	3865.7	2710.3	1943.6	1554.9	1360.5
25°	17535.9	16974.4	15462.7	11348.7	7321.0	5010.3	3045.0	1889.6	1446.9	1241.8	1123.0
27.5°	18734.5	18637.3	16596.5	11715.8	6997.1	4470.4	2407.9	1500.9	1198.6	1047.4	971.8
30°	20246.2	19717.1	17978.6	12450.0	6629.9	3854.9	2008.4	1349.7	1101.4	939.4	885.4
32.5°	21153.2	20904.8	18702.1	12860.4	6219.6	3347.4	1727.7	1187.8	1004.2	885.4	831.4
35°	22470.5	21973.8	19738.7	13119.5	6003.7	3055.8	1554.9	1079.8	842.2	723.5	658.7
37.5°	23939.1	23755.5	20980.4	13108.7	5690.5	2883.1	1436.1	1004.2	799.0	669.5	593.9
40°	25440.0	24694.9	21736.3	13411.1	5528.6	2753.5	1349.7	961.0	755.9	637.1	539.9
42.5°	26563.0	25709.9	22610.9	13303.1	5334.2	2526.7	1317.4	896.2	723.5	583.1	496.7
45°	26865.3	26563.0	23399.2	13270.7	5193.8	2343.2	1263.4	885.4	701.9	550.7	464.3
47.5°	27448.4	27243.2	24371.0	13324.7	5085.8	2202.8	1133.8	907.0	669.5	518.3	442.7
50°	27707.6	27340.4	25159.2	13454.3	4837.5	2030.0	1015.0	950.2	658.7	507.5	421.1
52.5°	28776.6	28452.6	26239.0	13821.4	4632.3	1803.3	896.2	907.0	680.3	475.1	399.5
55°	29824.0	29456.8	27901.9	14663.6	4340.8	1619.7	766.7	799.0	647.9	431.9	356.3
57.5°	31260.1	30655.4	29014.1	15009.2	4081.6	1371.3	680.3	658.7	604.7	388.7	313.1
60°	31476.0	31724.4	28852.1	14793.2	3811.7	1209.4	593.9	507.5	647.9	345.5	269.9
62.5°	32199.5	31162.9	28096.3	14296.5	3617.3	1112.2	529.1	421.1	561.5	302.3	226.8
65°	30806.6	30039.9	26325.4	12698.4	3369.0	1123.0	464.3	345.5	356.3	248.4	183.6
67.5°	28765.8	28161.1	23388.4	10959.9	3120.6	1101.4	410.3	302.3	269.9	216.0	162.0
70°	25245.6	23939.1	19868.2	8897.5	2753.5	1025.8	345.5	269.9	226.8	172.8	118.8
72.5°	18367.3	17838.2	14253.3	6878.3	2472.7	928.6	323.9	226.8	194.4	129.6	97.2
75°	12363.7	11489.0	8994.7	4513.5	1986.8	809.8	269.9	205.2	151.2	97.2	75.6
77.5°	6532.8	6176.4	5096.6	2148.8	1101.4	377.9	151.2	118.8	86.4	75.6	43.2
80°	2829.1	2515.9	2202.8	874.6	388.7	172.8	97.2	64.8	54.0	43.2	21.6
82.5°	1446.9	1382.1	1144.6	377.9	226.8	129.6	54.0	43.2	32.4	21.6	10.8
85°	712.7	734.3	604.7	118.8	129.6	75.6	10.8	10.8	0.0	0.0	0.0
87.5°	54.0	54.0	43.2	21.6	32.4	10.8	0.0	0.0	0.0	0.0	0.0
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°	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5
2.5°	13400.3	13551.4	13292.3	13454.3	13378.7	13411.1	13443.5	13357.1	13378.7	13681.0	13691.8
5°	10733.2	11024.7	10916.7	11067.9	11327.1	11197.5	11316.3	11294.7	11316.3	11359.5	11553.8
7.5°	7655.8	7569.4	7774.5	8174.1	8638.4	8919.1	8778.7	8703.2	8660.0	8552.0	8681.6
10°	5776.9	5733.7	5679.7	5798.5	6100.8	6414.0	6586.8	6295.2	6133.2	5928.1	5852.5
12.5°	4794.3	4524.3	4373.2	4189.6	4276.0	4556.7	4567.5	4286.8	4027.6	3919.7	4038.4
15°	3779.3	3595.7	3325.8	3066.6	2937.0	3153.0	2969.4	2699.5	2364.8	2321.6	2310.8
17.5°	2699.5	2591.5	2397.1	2289.2	2138.0	2084.0	1889.6	1479.3	1241.8	1177.0	1198.6
20°	1835.7	1749.3	1738.5	1641.3	1576.5	1533.3	1220.2	950.2	874.6	885.4	896.2
22.5°	1360.5	1317.4	1263.4	1252.6	1198.6	1144.6	896.2	799.0	745.1	745.1	777.5
25°	1112.2	1090.6	1036.6	1015.0	993.4	917.8	755.9	680.3	658.7	637.1	669.5
27.5°	950.2	939.4	907.0	874.6	853.0	777.5	658.7	593.9	572.3	572.3	572.3
30°	853.0	853.0	809.8	745.1	745.1	658.7	561.5	518.3	496.7	496.7	485.9
32.5°	799.0	777.5	723.5	680.3	647.9	561.5	496.7	453.5	421.1	421.1	431.9
35°	647.9	647.9	637.1	604.7	561.5	475.1	421.1	377.9	356.3	345.5	356.3
37.5°	572.3	539.9	496.7	507.5	485.9	410.3	356.3	323.9	291.5	291.5	291.5
40°	518.3	485.9	442.7	410.3	399.5	367.1	313.1	259.2	226.8	216.0	216.0
42.5°	464.3	442.7	377.9	323.9	313.1	313.1	237.6	194.4	162.0	162.0	162.0
45°	431.9	399.5	345.5	280.7	226.8	237.6	194.4	140.4	118.8	108.0	108.0
47.5°	410.3	377.9	302.3	237.6	172.8	172.8	140.4	97.2	75.6	64.8	64.8
50°	377.9	345.5	269.9	194.4	129.6	108.0	86.4	54.0	32.4	21.6	21.6
52.5°	356.3	323.9	237.6	162.0	108.0	75.6	54.0	10.8	0.0	0.0	0.0
55°	323.9	280.7	205.2	129.6	86.4	43.2	10.8	0.0	0.0	0.0	0.0
57.5°	280.7	248.4	162.0	97.2	54.0	10.8	0.0	0.0	0.0	0.0	0.0
60°	237.6	205.2	129.6	75.6	21.6	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	194.4	172.8	97.2	43.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	162.0	129.6	75.6	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	140.4	108.0	54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	108.0	75.6	32.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	75.6	54.0	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	54.0	32.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	32.4	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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°	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5
2.5°	13735.0	14058.9	14361.3	14447.7	14685.2	15343.9	15343.9	15657.0	16218.5	16423.7	16466.9
5°	11586.2	11931.7	11996.5	12666.0	12979.1	13648.6	14091.3	15149.5	15786.6	16186.1	16434.5
7.5°	8811.1	8929.9	9178.3	9804.5	10420.0	11229.9	12072.1	13421.9	14544.8	14998.4	15840.6
10°	6057.7	6414.0	6953.9	7515.4	8476.4	9372.6	10463.2	11737.4	13119.5	13681.0	14404.5
12.5°	4081.6	4578.3	5442.2	6241.2	7126.7	8033.7	9070.3	10776.4	12342.1	13119.5	13843.0
15°	2386.3	2991.0	3736.1	5031.8	6208.8	7223.8	8260.4	9988.1	11888.5	12892.8	13778.2
17.5°	1209.4	1392.9	2008.4	3131.4	4686.3	6349.2	7893.3	10096.1	12234.1	13465.1	14199.3
20°	907.0	961.0	1133.8	1662.9	3207.0	5247.8	7547.8	10258.1	13195.1	14696.0	15095.5
22.5°	788.3	831.4	907.0	1079.8	1803.3	4016.8	7061.9	10657.6	14501.7	15916.2	16758.4
25°	669.5	712.7	777.5	885.4	1155.4	2731.9	6468.0	11078.7	15667.8	17449.5	18237.7
27.5°	583.1	615.5	680.3	766.7	939.4	1738.5	5442.2	11640.2	17449.5	19306.7	19511.9
30°	496.7	529.1	583.1	680.3	799.0	1231.0	3995.2	11715.8	18432.1	20116.6	20688.9
32.5°	431.9	442.7	507.5	593.9	669.5	971.8	2807.5	11791.4	19155.6	21164.0	21282.8
35°	356.3	377.9	442.7	496.7	583.1	766.7	2127.2	11413.4	20095.0	22243.8	22211.4
37.5°	291.5	323.9	367.1	410.3	475.1	647.9	1695.3	10711.6	21272.0	23917.5	22902.5
40°	226.8	259.2	302.3	356.3	399.5	583.1	1274.2	9653.4	22502.9	24738.1	23658.3
42.5°	162.0	183.6	226.8	280.7	356.3	485.9	917.8	8400.8	22988.8	25699.1	24565.4
45°	118.8	140.4	172.8	237.6	367.1	388.7	637.1	7256.2	23507.2	26120.3	24360.2
47.5°	64.8	86.4	129.6	205.2	323.9	291.5	453.5	6230.4	24101.0	26498.2	24522.2
50°	21.6	32.4	75.6	216.0	259.2	226.8	356.3	5679.7	24684.1	26573.8	24846.1
52.5°	0.0	0.0	43.2	226.8	194.4	172.8	313.1	5463.8	24533.0	26811.3	24640.9
55°	0.0	0.0	10.8	97.2	108.0	129.6	259.2	5453.0	25602.0	26886.9	25763.9
57.5°	0.0	0.0	0.0	32.4	64.8	108.0	226.8	5107.4	26282.2	28765.8	27275.6
60°	0.0	0.0	0.0	10.8	43.2	75.6	172.8	4805.1	26973.3	29608.0	28895.3
62.5°	0.0	0.0	0.0	0.0	10.8	32.4	118.8	4340.8	25580.4	29543.2	30461.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	75.6	3433.8	23010.4	27999.1	29597.2
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	43.2	2375.6	20149.0	26055.5	28009.9
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1436.1	16261.7	22848.5	23755.5
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	615.5	11607.8	18140.6	19490.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	248.4	7180.6	13259.9	14922.8
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97.2	4653.9	10042.1	11327.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.6	2483.5	6295.2	7321.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1079.8	3822.5	4405.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	345.5	2321.6	2645.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	356.3	475.1
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: P599224
 CATALOG NUMBER: IFLD-L-SA8D-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5	15311.5
2.5°	16488.5	16801.6	16920.4	16736.8	16758.4	16380.5	16326.5	15797.4	15581.5	15624.6
5°	17244.3	17697.9	17946.2	17741.0	17276.7	16553.3	15894.6	15268.3	14879.6	14685.2
7.5°	17071.6	17579.1	17892.2	18086.6	17557.5	16391.3	15387.1	14210.1	13713.4	13724.2
10°	16121.3	17179.5	17816.6	17568.3	17319.9	16153.7	14598.8	13324.7	12882.0	12925.2
12.5°	15354.7	16531.7	16909.6	17104.0	16596.5	15667.8	14620.4	13162.7	12666.0	12363.7
15°	14879.6	15754.2	15775.8	16078.2	15873.0	15873.0	14847.2	13421.9	12989.9	12655.2
17.5°	14879.6	15073.9	15052.4	15160.3	15505.9	15916.2	15419.5	14469.3	13616.2	13562.2
20°	15214.3	14609.6	14469.3	14512.5	14804.0	16024.2	16682.8	15495.1	14955.2	14782.4
22.5°	15991.8	14663.6	13810.6	13659.4	14555.6	16013.4	17492.7	17114.8	16175.3	16035.0
25°	17060.8	14566.4	13637.8	13443.5	14123.7	16402.1	18604.9	18680.5	17827.4	17535.9
27.5°	18075.8	14998.4	13616.2	13573.0	14469.3	16315.7	19371.5	19933.0	18972.0	18734.5
30°	18421.3	15430.3	14015.7	13443.5	14598.8	16628.9	19349.9	20818.5	20192.2	20246.2
32.5°	18831.6	15862.2	14058.9	13832.2	15149.5	17136.4	19965.4	22243.8	21790.3	21153.2
35°	19436.3	16445.3	14469.3	14264.1	15538.3	17589.9	20095.0	23291.2	23215.6	22470.5
37.5°	19954.6	17017.6	15322.3	15354.7	16726.0	18324.1	20667.3	24576.1	24446.6	23939.1
40°	20321.8	17816.6	16650.4	16736.8	17762.6	19144.8	21682.3	25224.0	26185.0	25440.0
42.5°	20375.7	18529.3	18173.0	18864.0	19825.0	20418.9	22092.6	25666.7	27048.9	26563.0
45°	20580.9	19663.1	20656.5	21164.0	21952.2	21541.9	22071.0	26422.6	27113.7	26865.3
47.5°	21380.0	21725.5	22978.1	24522.2	24802.9	23453.2	22589.3	26541.4	27480.8	27448.4
50°	22211.4	23939.1	25699.1	26724.9	27081.3	24770.5	23075.2	26444.2	27966.7	27707.6
52.5°	23140.0	25861.1	28398.6	29662.0	29467.6	26228.2	23625.9	27232.4	28862.9	28776.6
55°	23723.1	26724.9	30137.1	31897.2	31746.0	27858.7	25375.2	28366.2	30039.9	29824.0
57.5°	25267.2	28128.7	31864.8	32685.4	33084.9	29996.7	26595.4	30223.5	31022.5	31260.1
60°	26541.4	29046.5	32318.3	33506.1	33646.4	31270.9	28733.4	32134.7	32275.1	31476.0
62.5°	28409.4	29402.8	31357.3	32426.3	33149.7	31994.3	30655.4	33160.5	32253.5	32199.5
65°	29780.8	28236.7	29564.8	30158.7	30623.0	30893.0	32588.2	33862.4	31854.0	30806.6
67.5°	29014.1	26033.9	25785.5	25817.9	25958.3	27588.8	31940.4	32145.5	29629.6	28765.8
70°	25537.2	21358.4	21023.6	21282.8	20580.9	22546.1	29316.5	29219.3	26141.9	25245.6
72.5°	20656.5	15570.7	14998.4	15354.7	15516.7	17600.7	24662.5	22157.4	19069.2	18367.3
75°	16412.9	11413.4	9631.8	10495.6	11046.3	12817.2	19263.6	15052.4	13313.9	12363.7
77.5°	12892.8	8638.4	7493.8	7148.2	7655.8	9318.6	14015.7	7904.1	6975.5	6532.8
80°	8174.1	6349.2	6889.1	6392.4	6608.3	6651.5	7299.4	3595.7	2861.5	2829.1
82.5°	4923.9	4340.8	5161.4	2839.9	5172.2	4621.5	3034.2	1630.5	1446.9	1446.9
85°	3487.7	2688.7	1781.7	1155.4	2300.0	2537.5	1177.0	842.2	734.3	712.7
87.5°	1749.3	831.4	399.5	259.2	291.5	475.1	140.4	64.8	64.8	54.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)