

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: P598677

Luminaire Tested: **IFLD-S-SA2D-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: P598677
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2D-735-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (32) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

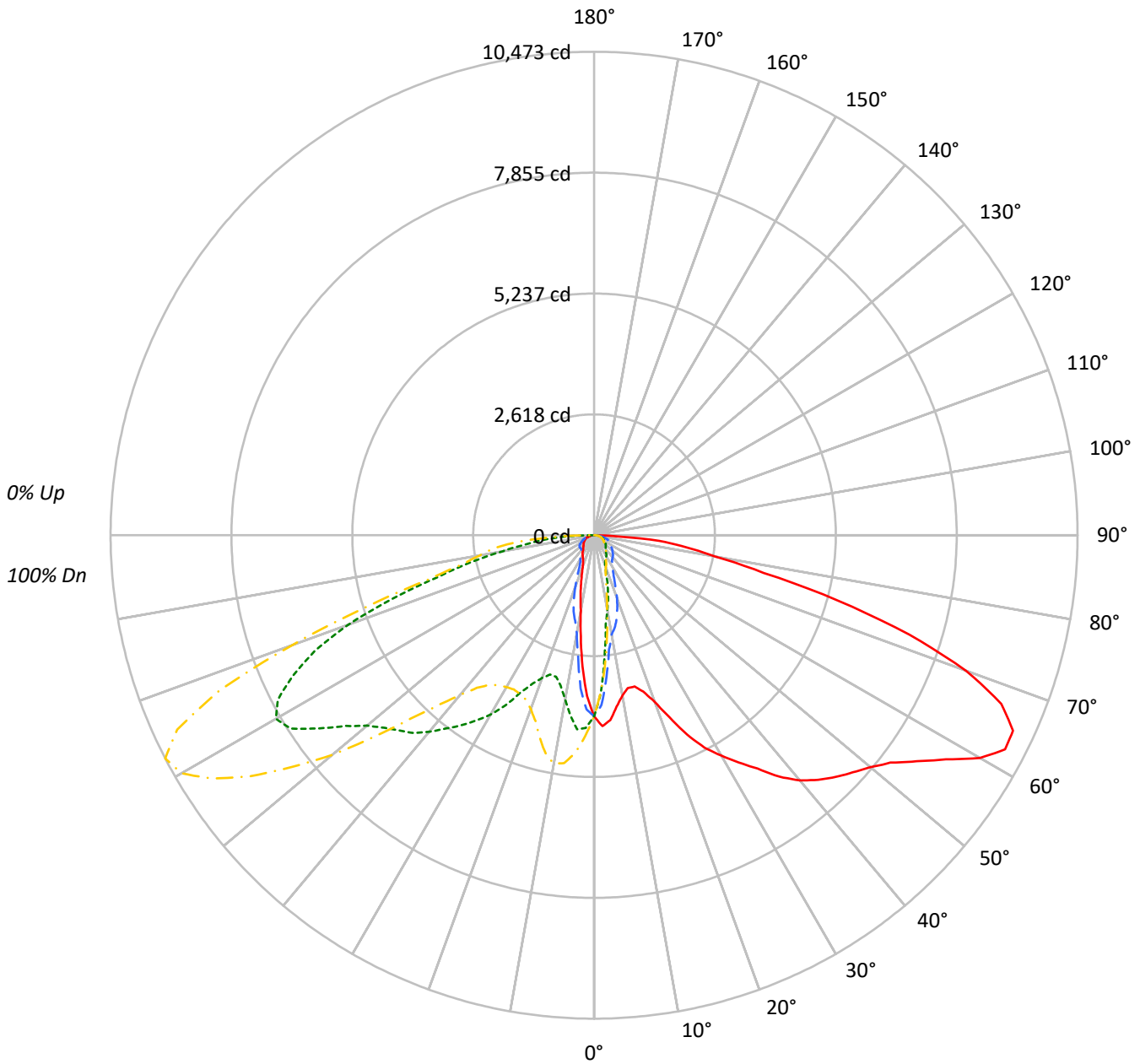
Lumens per Lamp: N/A
 Luminaire Lumens: 13120.4 lumens
 Efficiency: N/A
 Efficacy: 105.9 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 123.9
 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	102	102	102	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	85	82	79	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	70	65	61	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	59	53	48	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	51	44	39	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	45	38	32	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	40	33	27	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	36	29	23	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	32	26	20	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	30	23	18	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	28	21	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	84374	84374	84374	84374
5°	86831	56465	61684	91220
10°	77037	35879	36237	78836
15°	75605	25448	24101	70713
20°	87904	16096	16222	75326
25°	113047	13822	13430	89054
30°	136998	13100	12280	111482
35°	162149	11540	11109	132142
40°	194832	10952	10182	156113
45°	225445	10863	9861	181994
50°	261789	11032	9927	214911
55°	320367	11331	10096	273808
60°	415487	11345	10635	342460
65°	510018	11466	10906	366579
70°	539687	12091	11399	356913
75°	454297	12784	11412	291295
80°	330056	14976	11567	251791
85°	349807	21687	9485	261676

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	303.3	2.3
10°-20°	634.8	4.8
20°-30°	914.8	7.0
30°-40°	1317.0	10.0
40°-50°	1870.7	14.3
50°-60°	2689.5	20.5
60°-70°	3107.3	23.7
70°-80°	1759.4	13.4
80°-90°	523.6	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°	1853.0	14.1
0°-40°	3169.9	24.2
0°-60°	7730.1	58.9
0°-90°	13120.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	13120.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3919	3919	3919	3919	3919	
5°	4018	2613	2854	4221	4018	365
15°	3392	1142	1081	3173	3392	998
25°	4759	582	565	3749	4759	2209
35°	6170	439	423	5028	6170	3916
45°	7405	357	324	5978	7405	5734
55°	8536	302	269	7295	8536	7730
65°	10012	225	214	7196	10012	9601
75°	5462	154	137	3502	5462	5795
85°	1416	88	38	1059	1416	1410
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°	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3
2.5°	4138.9	4133.4	4100.4	3996.2	3886.4	3782.1	3683.3	3579.0	3524.1	3458.2	3430.8
5°	4018.1	4007.1	3913.8	3683.3	3480.2	3260.6	3074.0	2925.8	2805.0	2684.2	2640.3
7.5°	3743.6	3727.2	3617.4	3299.0	3002.6	2717.2	2492.1	2300.0	2140.8	2069.4	1987.1
10°	3524.1	3496.6	3353.9	3002.6	2618.4	2332.9	2184.7	2053.0	1915.7	1800.5	1679.7
12.5°	3386.8	3353.9	3205.7	2794.0	2420.7	2206.7	2053.0	1904.8	1734.6	1591.9	1460.1
15°	3392.3	3353.9	3172.8	2739.1	2371.3	2096.9	1882.8	1679.7	1482.1	1322.9	1174.7
17.5°	3551.5	3502.1	3310.0	2816.0	2332.9	1954.2	1668.7	1405.2	1180.2	1010.0	889.3
20°	3837.0	3804.0	3584.5	2931.2	2294.5	1800.5	1449.2	1130.8	894.7	763.0	713.6
22.5°	4265.1	4226.7	3990.7	3106.9	2283.5	1663.2	1213.1	889.3	719.1	664.2	636.7
25°	4759.2	4687.8	4468.2	3403.3	2305.5	1537.0	1021.0	735.6	642.2	603.8	587.3
27.5°	5187.3	5143.4	4896.4	3683.3	2316.5	1438.2	889.3	669.7	598.3	565.4	554.4
30°	5511.2	5494.7	5253.2	3990.7	2289.0	1317.4	806.9	642.2	598.3	565.4	532.5
32.5°	5835.0	5840.5	5582.5	4226.7	2250.6	1213.1	730.1	570.9	527.0	505.0	510.5
35°	6169.9	6197.3	5977.8	4457.2	2168.2	1174.7	675.2	532.5	494.0	461.1	444.6
37.5°	6592.6	6663.9	6449.8	4715.2	2085.9	1141.8	647.7	505.0	466.6	439.1	417.2
40°	6932.9	7064.6	6938.4	4956.8	2031.0	1103.3	625.8	477.6	450.1	417.2	400.7
42.5°	7185.4	7339.1	7295.2	5143.4	2031.0	1064.9	603.8	461.1	439.1	400.7	378.8
45°	7405.0	7564.1	7558.7	5335.5	2074.9	1043.0	576.4	461.1	428.2	389.7	367.8
47.5°	7602.6	7761.8	7816.6	5577.0	2146.3	1032.0	543.4	450.1	428.2	384.2	351.3
50°	7816.6	7992.3	8157.0	5961.3	2234.1	1004.5	521.5	433.6	433.6	378.8	340.3
52.5°	8091.1	8288.7	8590.6	6438.9	2321.9	955.1	488.5	422.7	433.6	373.3	329.4
55°	8535.7	8700.4	9095.6	7009.7	2431.7	894.7	461.1	395.2	411.7	356.8	312.9
57.5°	9035.3	9178.0	9507.3	7448.9	2464.7	817.9	422.7	367.8	395.2	340.3	290.9
60°	9650.0	9721.4	9721.4	7575.1	2354.9	746.5	395.2	345.8	356.8	323.9	274.5
62.5°	10039.8	10039.8	9721.4	7344.6	2146.3	686.2	373.3	323.9	312.9	301.9	258.0
65°	10012.3	9968.4	9496.3	6674.9	1904.8	647.7	351.3	296.4	280.0	274.5	241.5
67.5°	9551.2	9474.4	8832.2	5730.7	1652.3	631.3	329.4	269.0	258.0	247.0	219.6
70°	8574.2	8376.5	7586.1	4610.9	1405.2	620.3	323.9	247.0	236.0	225.1	203.1
72.5°	7157.9	6905.4	5922.9	3546.0	1180.2	581.9	307.4	219.6	214.1	203.1	181.1
75°	5461.8	4995.2	4133.4	2711.7	916.7	505.0	263.5	192.1	192.1	186.6	164.7
77.5°	3765.6	3524.1	2881.8	2003.6	669.7	389.7	214.1	170.2	170.2	175.7	153.7
80°	2662.3	2437.2	2053.0	1438.2	422.7	263.5	164.7	142.7	159.2	170.2	142.7
82.5°	2036.5	1871.8	1526.0	1048.4	247.0	181.1	126.3	115.3	137.2	148.2	120.8
85°	1416.2	1218.6	774.0	702.6	142.7	109.8	93.3	93.3	120.8	148.2	109.8
87.5°	400.7	170.2	49.4	208.6	60.4	43.9	32.9	22.0	32.9	32.9	22.0
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°	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3
2.5°	3403.3	3370.4	3370.4	3359.4	3364.9	3370.4	3364.9	3403.3	3419.8	3441.7	3485.7
5°	2612.9	2656.8	2623.8	2656.8	2700.7	2766.6	2783.0	2832.4	2837.9	2876.4	2854.4
7.5°	1937.7	1932.2	1904.8	1943.2	2063.9	2157.3	2201.2	2228.6	2234.1	2234.1	2206.7
10°	1641.3	1591.9	1542.5	1515.0	1526.0	1624.8	1657.7	1674.2	1663.2	1679.7	1657.7
12.5°	1405.2	1361.3	1290.0	1240.6	1207.6	1235.1	1268.0	1284.5	1295.5	1322.9	1344.9
15°	1141.8	1097.8	1053.9	1026.5	999.0	977.1	1004.5	1021.0	1048.4	1070.4	1081.4
17.5°	867.3	845.3	823.4	839.9	839.9	828.9	839.9	845.3	856.3	872.8	867.3
20°	702.6	697.1	691.6	719.1	741.0	741.0	752.0	735.6	730.1	713.6	708.1
22.5°	625.8	625.8	631.3	653.2	675.2	686.2	686.2	658.7	631.3	620.3	625.8
25°	581.9	581.9	598.3	603.8	614.8	614.8	620.3	592.8	576.4	559.9	565.4
27.5°	548.9	548.9	554.4	554.4	559.9	559.9	565.4	554.4	532.5	527.0	527.0
30°	527.0	527.0	521.5	521.5	521.5	521.5	527.0	510.5	499.5	494.0	494.0
32.5°	505.0	499.5	494.0	494.0	488.5	488.5	494.0	477.6	472.1	472.1	472.1
35°	439.1	433.6	439.1	450.1	450.1	455.6	455.6	450.1	439.1	428.2	422.7
37.5°	411.7	406.2	406.2	406.2	417.2	422.7	428.2	417.2	400.7	384.2	384.2
40°	389.7	389.7	384.2	384.2	384.2	395.2	406.2	389.7	367.8	362.3	362.3
42.5°	373.3	367.8	362.3	356.8	351.3	367.8	378.8	356.8	345.8	345.8	345.8
45°	356.8	351.3	345.8	340.3	334.8	340.3	351.3	329.4	323.9	323.9	323.9
47.5°	340.3	334.8	323.9	318.4	312.9	312.9	323.9	307.4	301.9	307.4	307.4
50°	329.4	318.4	307.4	301.9	296.4	296.4	296.4	290.9	290.9	290.9	296.4
52.5°	318.4	307.4	290.9	285.4	280.0	280.0	280.0	280.0	274.5	280.0	285.4
55°	301.9	290.9	280.0	274.5	269.0	263.5	269.0	263.5	263.5	269.0	269.0
57.5°	280.0	269.0	258.0	258.0	252.5	252.5	258.0	252.5	252.5	258.0	258.0
60°	263.5	252.5	241.5	241.5	236.0	241.5	247.0	241.5	241.5	241.5	247.0
62.5°	241.5	236.0	225.1	225.1	225.1	225.1	230.5	225.1	230.5	230.5	230.5
65°	225.1	214.1	208.6	208.6	208.6	208.6	219.6	208.6	214.1	214.1	214.1
67.5°	208.6	197.6	192.1	192.1	192.1	192.1	203.1	192.1	197.6	203.1	197.6
70°	192.1	181.1	175.7	175.7	175.7	175.7	181.1	175.7	175.7	181.1	181.1
72.5°	170.2	164.7	159.2	159.2	153.7	159.2	164.7	159.2	159.2	159.2	159.2
75°	153.7	148.2	148.2	142.7	142.7	142.7	148.2	137.2	137.2	137.2	137.2
77.5°	142.7	131.7	131.7	131.7	126.3	131.7	126.3	115.3	115.3	115.3	115.3
80°	120.8	109.8	115.3	115.3	109.8	109.8	104.3	93.3	93.3	93.3	93.3
82.5°	98.8	87.8	93.3	93.3	93.3	93.3	82.3	76.8	71.4	65.9	65.9
85°	87.8	71.4	82.3	82.3	76.8	76.8	54.9	54.9	43.9	43.9	38.4
87.5°	16.5	11.0	22.0	27.4	27.4	32.9	22.0	27.4	16.5	11.0	11.0
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°	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3
2.5°	3480.2	3540.5	3622.9	3683.3	3776.6	3847.9	3957.7	4051.0	4138.9	4177.3	4215.7
5°	2920.3	2958.7	3084.9	3183.7	3332.0	3491.1	3688.8	3902.8	4122.4	4221.2	4336.5
7.5°	2184.7	2256.1	2327.4	2470.1	2651.3	2909.3	3161.8	3480.2	3787.6	3935.8	4133.4
10°	1696.2	1751.1	1833.4	1981.6	2151.8	2365.9	2667.8	3046.5	3414.3	3606.4	3809.5
12.5°	1361.3	1438.2	1548.0	1701.7	1899.3	2118.8	2338.4	2689.7	3117.9	3337.4	3568.0
15°	1103.3	1163.7	1284.5	1476.6	1707.1	1932.2	2162.8	2453.7	2920.3	3172.8	3447.2
17.5°	878.3	922.2	1032.0	1224.1	1454.6	1707.1	1970.6	2338.4	2854.4	3161.8	3485.7
20°	713.6	746.5	817.9	960.6	1180.2	1454.6	1784.0	2228.6	2892.8	3288.0	3683.3
22.5°	625.8	636.7	669.7	746.5	927.7	1218.6	1613.8	2135.3	2964.2	3474.7	4007.1
25°	565.4	576.4	587.3	636.7	741.0	1015.5	1465.6	2080.4	3117.9	3749.1	4380.4
27.5°	527.0	537.9	543.4	565.4	636.7	867.3	1339.4	2047.5	3326.5	4149.8	4841.5
30°	494.0	494.0	510.5	543.4	592.8	763.0	1229.6	1970.6	3546.0	4484.7	5203.8
32.5°	466.6	472.1	494.0	510.5	543.4	675.2	1119.8	1871.8	3743.6	4759.2	5560.6
35°	417.2	417.2	422.7	450.1	494.0	603.8	1021.0	1773.0	3853.4	5028.1	5879.0
37.5°	384.2	389.7	400.7	422.7	461.1	554.4	938.7	1663.2	3968.7	5280.6	6252.2
40°	362.3	367.8	378.8	400.7	439.1	510.5	867.3	1575.4	4089.5	5555.1	6652.9
42.5°	345.8	351.3	362.3	384.2	417.2	499.5	790.4	1504.0	4160.8	5807.6	7031.7
45°	329.4	334.8	351.3	373.3	400.7	488.5	746.5	1454.6	4188.3	5977.8	7333.6
47.5°	312.9	318.4	334.8	367.8	400.7	472.1	730.1	1427.2	4210.2	6169.9	7575.1
50°	296.4	307.4	329.4	362.3	406.2	450.1	719.1	1421.7	4336.5	6416.9	7805.7
52.5°	285.4	301.9	323.9	362.3	400.7	417.2	713.6	1438.2	4589.0	6784.7	8135.0
55°	274.5	290.9	312.9	362.3	384.2	389.7	686.2	1465.6	4973.2	7295.2	8601.6
57.5°	263.5	274.5	301.9	351.3	362.3	367.8	631.3	1504.0	5357.5	7794.7	9079.2
60°	247.0	258.0	285.4	351.3	329.4	345.8	559.9	1515.0	5631.9	7953.9	9123.1
62.5°	230.5	241.5	269.0	362.3	301.9	323.9	499.5	1476.6	5686.8	7723.3	8876.1
65°	214.1	225.1	247.0	301.9	280.0	301.9	461.1	1372.3	5505.7	7196.4	8426.0
67.5°	197.6	208.6	225.1	247.0	252.5	274.5	444.6	1207.6	5050.1	6543.1	7811.2
70°	175.7	186.6	203.1	219.6	225.1	258.0	417.2	1048.4	4314.5	5670.4	7059.1
72.5°	159.2	164.7	181.1	192.1	203.1	236.0	400.7	916.7	3299.0	4589.0	5758.2
75°	137.2	137.2	153.7	164.7	175.7	208.6	367.8	763.0	2327.4	3502.1	4232.2
77.5°	115.3	115.3	126.3	137.2	148.2	181.1	312.9	620.3	1613.8	2777.5	3068.5
80°	87.8	87.8	98.8	109.8	120.8	153.7	252.5	455.6	999.0	2031.0	2234.1
82.5°	60.4	60.4	76.8	82.3	87.8	120.8	192.1	312.9	587.3	1465.6	1597.4
85°	32.9	32.9	43.9	49.4	60.4	87.8	142.7	219.6	351.3	1059.4	1064.9
87.5°	5.5	5.5	16.5	16.5	27.4	43.9	82.3	120.8	197.6	587.3	373.3
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: P598677
 CATALOG NUMBER: IFLD-S-SA2D-735-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3	3919.3
2.5°	4287.1	4347.5	4353.0	4353.0	4325.5	4331.0	4254.1	4171.8	4144.4	4138.9
5°	4512.1	4671.3	4715.2	4737.2	4665.8	4556.1	4358.4	4144.4	4034.6	4018.1
7.5°	4468.2	4786.6	4956.8	4978.7	4836.0	4578.0	4232.2	3902.8	3776.6	3743.6
10°	4210.2	4638.4	4945.8	5022.6	4868.9	4539.6	4089.5	3705.2	3551.5	3524.1
12.5°	4029.1	4440.8	4742.7	4847.0	4775.6	4490.2	4018.1	3579.0	3425.3	3386.8
15°	3930.3	4309.0	4506.6	4539.6	4534.1	4413.3	4018.1	3606.4	3436.3	3392.3
17.5°	4012.6	4270.6	4298.1	4221.2	4265.1	4325.5	4105.9	3754.6	3589.9	3551.5
20°	4177.3	4254.1	4122.4	4007.1	4029.1	4221.2	4243.2	4034.6	3902.8	3837.0
22.5°	4523.1	4314.5	4012.6	3853.4	3869.9	4138.9	4424.3	4413.3	4298.1	4265.1
25°	4874.4	4484.7	3979.7	3793.1	3815.0	4122.4	4638.4	4836.0	4775.6	4759.2
27.5°	5264.2	4770.1	4001.6	3765.6	3793.1	4144.4	4786.6	5192.8	5203.8	5187.3
30°	5527.6	4907.4	4067.5	3798.5	3837.0	4199.3	4819.5	5406.9	5505.7	5511.2
32.5°	5747.2	5044.6	4204.7	3853.4	3919.3	4298.1	4907.4	5610.0	5829.6	5835.0
35°	5922.9	5198.3	4374.9	3952.2	4051.0	4462.7	5022.6	5802.1	6131.5	6169.9
37.5°	6147.9	5368.5	4572.5	4166.3	4276.1	4698.8	5225.7	6027.2	6488.3	6592.6
40°	6389.5	5538.6	4858.0	4512.1	4671.3	5050.1	5456.3	6279.7	6790.2	6932.9
42.5°	6658.4	5719.8	5181.8	4978.7	5220.2	5494.7	5719.8	6510.2	7020.7	7185.4
45°	6921.9	5939.3	5653.9	5615.5	5884.4	6021.7	5977.8	6674.9	7240.3	7405.0
47.5°	7108.5	6257.7	6224.8	6455.3	6707.8	6636.5	6279.7	6795.7	7421.4	7602.6
50°	7278.7	6652.9	6943.9	7394.0	7547.7	7306.2	6603.5	6960.3	7613.5	7816.6
52.5°	7531.2	7075.6	7684.9	8244.8	8393.0	8008.8	6954.8	7229.3	7910.0	8091.1
55°	8047.2	7553.2	8458.9	9101.1	9128.6	8651.0	7426.9	7684.9	8327.1	8535.7
57.5°	8623.6	8140.5	9073.7	9809.2	9798.3	9293.2	7959.4	8299.7	8892.5	9035.3
60°	9145.0	8733.3	9743.4	10314.2	10286.8	9759.8	8579.6	8996.8	9540.3	9650.0
62.5°	9452.4	9271.3	10039.8	10473.4	10369.1	9913.5	9106.6	9617.1	10001.4	10039.8
65°	9403.0	9578.7	9694.0	9962.9	9814.7	9485.4	9364.6	10012.3	10050.8	10012.3
67.5°	9029.8	9403.0	8744.3	8771.8	8694.9	8415.0	8963.9	9908.0	9644.6	9551.2
70°	8464.4	8491.8	7311.6	6965.8	7086.6	6702.3	7690.4	9095.6	8689.4	8574.2
72.5°	7525.7	7185.4	5527.6	5176.3	5357.5	5083.0	6169.9	7926.4	7531.2	7157.9
75°	6312.6	5692.3	4210.2	3710.7	3804.0	3793.1	4781.1	6548.6	5835.0	5461.8
77.5°	4890.9	4435.3	3106.9	2914.8	2816.0	2837.9	3337.4	4868.9	4232.2	3765.6
80°	3573.5	3101.4	2404.3	2514.1	2459.2	2327.4	2338.4	3260.6	2942.2	2662.3
82.5°	2470.1	2206.7	1948.7	2201.2	2069.4	1866.3	1822.4	2349.4	2206.7	2036.5
85°	1657.7	1816.9	1548.0	1685.2	1460.1	1344.9	1712.6	1965.1	1586.4	1416.2
87.5°	1081.4	1663.2	1114.3	845.3	483.1	647.7	1048.4	1290.0	741.0	400.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)