

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: P599315

Luminaire Tested: **IFLD-S-SA2D-827-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: P599315
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2D-827-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (32) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

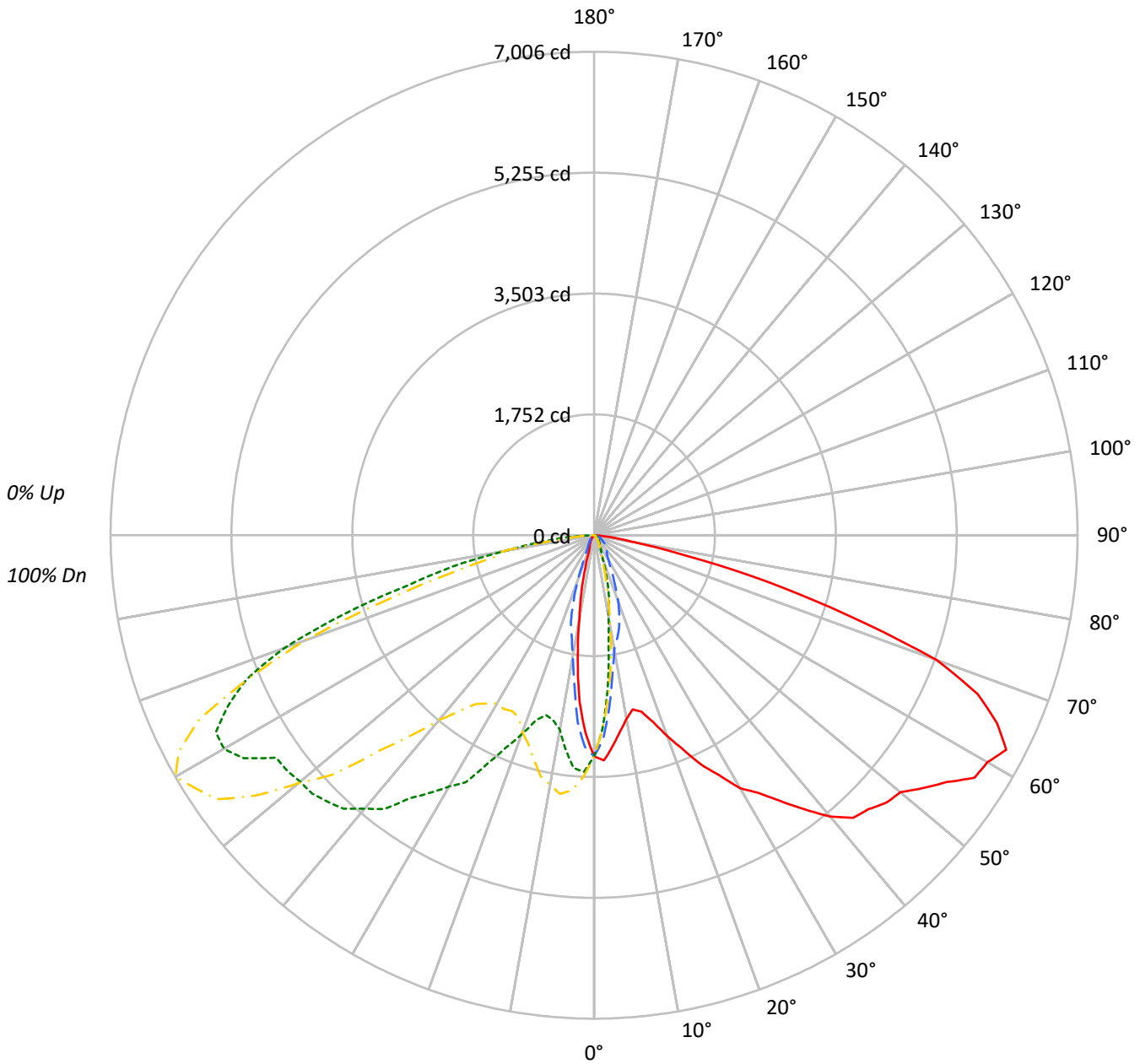
Lumens per Lamp: N/A
 Luminaire Lumens: 8374.3 lumens
 Efficiency: N/A
 Efficacy: 67.6 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 123.9
 Input Voltage (V): 120
 Input Current (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

TEST NUMBER: P599315
CATALOG NUMBER: IFLD-S-SA2D-827-U-SLR-HSS

Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: IFLD-S-SA2D-827-U-SLR-HSS

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°	68921	68921	68921	68921
5°	66354	48497	52206	73137
10°	59076	26405	26750	62533
15°	58974	17611	10769	60082
20°	70811	8793	4293	70396
25°	87094	5523	3325	86664
30°	105232	4435	2526	104559
35°	123477	3561	1958	122231
40°	149486	3046	1270	145361
45°	171018	2749	688	166275
50°	194029	2646	151	186088
55°	234050	2541	0	211001
60°	283362	2140	0	266549
65°	328120	1727	0	298213
70°	332252	1423	0	300705
75°	215021	940	0	230609
80°	73331	285	0	163187
85°	36804	0	0	119896

TEST NUMBER: P599315
 CATALOG NUMBER: IFLD-S-SA2D-827-U-SLR-HSS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	242.5	2.9
10°-20°	469.6	5.6
20°-30°	654.0	7.8
30°-40°	929.3	11.1
40°-50°	1288.7	15.4
50°-60°	1755.9	21.0
60°-70°	1930.5	23.1
70°-80°	948.8	11.3
80°-90°	154.9	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°	1366.2	16.3
0°-40°	2295.5	27.4
0°-60°	5340.1	63.8
0°-90°	8374.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8374.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3202	3202	3202	3202	3202	
5°	3070	2244	2416	3384	3070	281
15°	2646	790	483	2696	2646	783
25°	3667	232	140	3648	3667	1705
35°	4698	136	74	4651	4698	2982
45°	5617	90	23	5462	5617	4354
55°	6236	68	0	5622	6236	5610
65°	6441	34	0	5854	6441	6225
75°	2585	11	0	2772	2585	2818
85°	149	0	0	485	149	206
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°	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5
2.5°	3267.0	3305.3	3269.2	3142.8	3120.2	3059.3	2966.7	2959.9	2862.8	2874.1	2822.2
5°	3070.5	3108.9	3032.2	2865.1	2709.3	2585.1	2510.6	2377.4	2348.1	2282.6	2282.6
7.5°	2869.6	2867.3	2736.4	2596.4	2363.9	2135.8	2032.0	1840.1	1727.2	1666.2	1607.5
10°	2702.5	2666.4	2585.1	2296.1	2043.3	1806.2	1677.5	1551.1	1433.7	1332.1	1230.5
12.5°	2585.1	2607.7	2479.0	2165.2	1837.8	1673.0	1535.3	1402.1	1262.1	1146.9	1034.0
15°	2646.1	2610.0	2458.7	2135.8	1803.9	1578.2	1395.3	1232.7	1076.9	925.7	839.9
17.5°	2835.7	2743.2	2564.8	2135.8	1734.0	1433.7	1212.4	1020.5	853.4	718.0	611.9
20°	3090.9	2984.7	2792.8	2214.9	1682.0	1327.6	1025.0	783.4	609.6	483.2	401.9
22.5°	3352.8	3269.2	2980.2	2246.5	1621.1	1185.3	808.3	566.7	406.4	325.1	284.5
25°	3666.6	3549.2	3233.1	2372.9	1530.8	1047.6	636.7	395.1	302.5	259.6	234.8
27.5°	3917.2	3896.9	3470.2	2449.7	1463.0	934.7	503.5	313.8	250.6	219.0	203.2
30°	4233.3	4122.7	3759.2	2603.2	1386.3	806.0	419.9	282.2	230.3	196.4	185.1
32.5°	4422.9	4371.0	3910.4	2689.0	1300.5	699.9	361.2	248.4	210.0	185.1	173.8
35°	4698.4	4594.5	4127.2	2743.2	1255.3	638.9	325.1	225.8	176.1	151.3	137.7
37.5°	5005.4	4967.1	4386.8	2740.9	1189.8	602.8	300.3	210.0	167.1	140.0	124.2
40°	5319.3	5163.5	4544.9	2804.1	1156.0	575.7	282.2	200.9	158.0	133.2	112.9
42.5°	5554.1	5375.7	4727.7	2781.5	1115.3	528.3	275.4	187.4	151.3	121.9	103.9
45°	5617.3	5554.1	4892.5	2774.8	1086.0	489.9	264.2	185.1	146.8	115.1	97.1
47.5°	5739.2	5696.3	5095.7	2786.1	1063.4	460.6	237.1	189.7	140.0	108.4	92.6
50°	5793.4	5716.6	5260.6	2813.2	1011.5	424.5	212.2	198.7	137.7	106.1	88.1
52.5°	6016.9	5949.2	5486.3	2889.9	968.6	377.0	187.4	189.7	142.2	99.3	83.5
55°	6235.9	6159.1	5834.0	3066.0	907.6	338.7	160.3	167.1	135.5	90.3	74.5
57.5°	6536.2	6409.8	6066.6	3138.3	853.4	286.7	142.2	137.7	126.4	81.3	65.5
60°	6581.3	6633.3	6032.7	3093.1	797.0	252.9	124.2	106.1	135.5	72.2	56.4
62.5°	6732.6	6515.9	5874.7	2989.3	756.3	232.5	110.6	88.1	117.4	63.2	47.4
65°	6441.4	6281.1	5504.4	2655.1	704.4	234.8	97.1	72.2	74.5	51.9	38.4
67.5°	6014.6	5888.2	4890.3	2291.6	652.5	230.3	85.8	63.2	56.4	45.2	33.9
70°	5278.6	5005.4	4154.3	1860.4	575.7	214.5	72.2	56.4	47.4	36.1	24.8
72.5°	3840.4	3729.8	2980.2	1438.2	517.0	194.2	67.7	47.4	40.6	27.1	20.3
75°	2585.1	2402.2	1880.7	943.7	415.4	169.3	56.4	42.9	31.6	20.3	15.8
77.5°	1365.9	1291.4	1065.7	449.3	230.3	79.0	31.6	24.8	18.1	15.8	9.0
80°	591.5	526.1	460.6	182.9	81.3	36.1	20.3	13.5	11.3	9.0	4.5
82.5°	302.5	289.0	239.3	79.0	47.4	27.1	11.3	9.0	6.8	4.5	2.3
85°	149.0	153.5	126.4	24.8	27.1	15.8	2.3	2.3	0.0	0.0	0.0
87.5°	11.3	11.3	9.0	4.5	6.8	2.3	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

TEST NUMBER: P599315
 CATALOG NUMBER: IFLD-S-SA2D-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5
2.5°	2801.9	2833.5	2779.3	2813.2	2797.4	2804.1	2810.9	2792.8	2797.4	2860.6	2862.8
5°	2244.2	2305.2	2282.6	2314.2	2368.4	2341.3	2366.1	2361.6	2366.1	2375.2	2415.8
7.5°	1600.7	1582.7	1625.6	1709.1	1806.2	1864.9	1835.6	1819.7	1810.7	1788.1	1815.2
10°	1207.9	1198.9	1187.6	1212.4	1275.6	1341.1	1377.2	1316.3	1282.4	1239.5	1223.7
12.5°	1002.4	946.0	914.4	876.0	894.1	952.8	955.0	896.3	842.1	819.6	844.4
15°	790.2	751.8	695.4	641.2	614.1	659.3	620.9	564.4	494.4	485.4	483.2
17.5°	564.4	541.9	501.2	478.6	447.0	435.7	395.1	309.3	259.6	246.1	250.6
20°	383.8	365.8	363.5	343.2	329.6	320.6	255.1	198.7	182.9	185.1	187.4
22.5°	284.5	275.4	264.2	261.9	250.6	239.3	187.4	167.1	155.8	155.8	162.6
25°	232.5	228.0	216.7	212.2	207.7	191.9	158.0	142.2	137.7	133.2	140.0
27.5°	198.7	196.4	189.7	182.9	178.4	162.6	137.7	124.2	119.7	119.7	119.7
30°	178.4	178.4	169.3	155.8	155.8	137.7	117.4	108.4	103.9	103.9	101.6
32.5°	167.1	162.6	151.3	142.2	135.5	117.4	103.9	94.8	88.1	88.1	90.3
35°	135.5	135.5	133.2	126.4	117.4	99.3	88.1	79.0	74.5	72.2	74.5
37.5°	119.7	112.9	103.9	106.1	101.6	85.8	74.5	67.7	61.0	61.0	61.0
40°	108.4	101.6	92.6	85.8	83.5	76.8	65.5	54.2	47.4	45.2	45.2
42.5°	97.1	92.6	79.0	67.7	65.5	65.5	49.7	40.6	33.9	33.9	33.9
45°	90.3	83.5	72.2	58.7	47.4	49.7	40.6	29.4	24.8	22.6	22.6
47.5°	85.8	79.0	63.2	49.7	36.1	36.1	29.4	20.3	15.8	13.5	13.5
50°	79.0	72.2	56.4	40.6	27.1	22.6	18.1	11.3	6.8	4.5	4.5
52.5°	74.5	67.7	49.7	33.9	22.6	15.8	11.3	2.3	0.0	0.0	0.0
55°	67.7	58.7	42.9	27.1	18.1	9.0	2.3	0.0	0.0	0.0	0.0
57.5°	58.7	51.9	33.9	20.3	11.3	2.3	0.0	0.0	0.0	0.0	0.0
60°	49.7	42.9	27.1	15.8	4.5	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	40.6	36.1	20.3	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	33.9	27.1	15.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	29.4	22.6	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	22.6	15.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	15.8	11.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	11.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	6.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.3	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

TEST NUMBER: P599315
 CATALOG NUMBER: IFLD-S-SA2D-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5
2.5°	2871.9	2939.6	3002.8	3020.9	3070.5	3208.3	3208.3	3273.7	3391.1	3434.0	3443.1
5°	2422.6	2494.8	2508.4	2648.3	2713.8	2853.8	2946.4	3167.6	3300.8	3384.4	3436.3
7.5°	1842.3	1867.2	1919.1	2050.0	2178.7	2348.1	2524.2	2806.4	3041.2	3136.0	3312.1
10°	1266.6	1341.1	1454.0	1571.4	1772.3	1959.7	2187.8	2454.2	2743.2	2860.6	3011.8
12.5°	853.4	957.3	1137.9	1305.0	1490.1	1679.8	1896.5	2253.2	2580.6	2743.2	2894.4
15°	499.0	625.4	781.2	1052.1	1298.2	1510.4	1727.2	2088.4	2485.8	2695.8	2880.9
17.5°	252.9	291.2	419.9	654.7	979.9	1327.6	1650.4	2111.0	2558.0	2815.4	2968.9
20°	189.7	200.9	237.1	347.7	670.6	1097.3	1578.2	2144.9	2759.0	3072.8	3156.3
22.5°	164.8	173.8	189.7	225.8	377.0	839.9	1476.6	2228.4	3032.2	3327.9	3504.0
25°	140.0	149.0	162.6	185.1	241.6	571.2	1352.4	2316.5	3276.0	3648.5	3813.3
27.5°	121.9	128.7	142.2	160.3	196.4	363.5	1137.9	2433.9	3648.5	4036.9	4079.8
30°	103.9	110.6	121.9	142.2	167.1	257.4	835.4	2449.7	3854.0	4206.2	4325.8
32.5°	90.3	92.6	106.1	124.2	140.0	203.2	587.0	2465.5	4005.2	4425.2	4450.0
35°	74.5	79.0	92.6	103.9	121.9	160.3	444.8	2386.4	4201.7	4651.0	4644.2
37.5°	61.0	67.7	76.8	85.8	99.3	135.5	354.5	2239.7	4447.8	5000.9	4788.7
40°	47.4	54.2	63.2	74.5	83.5	121.9	266.4	2018.4	4705.2	5172.5	4946.7
42.5°	33.9	38.4	47.4	58.7	74.5	101.6	191.9	1756.5	4806.8	5373.4	5136.4
45°	24.8	29.4	36.1	49.7	76.8	81.3	133.2	1517.2	4915.1	5461.5	5093.5
47.5°	13.5	18.1	27.1	42.9	67.7	61.0	94.8	1302.7	5039.3	5540.5	5127.4
50°	4.5	6.8	15.8	45.2	54.2	47.4	74.5	1187.6	5161.2	5556.3	5195.1
52.5°	0.0	0.0	9.0	47.4	40.6	36.1	65.5	1142.4	5129.6	5606.0	5152.2
55°	0.0	0.0	2.3	20.3	22.6	27.1	54.2	1140.2	5353.1	5621.8	5387.0
57.5°	0.0	0.0	0.0	6.8	13.5	22.6	47.4	1067.9	5495.4	6014.6	5703.1
60°	0.0	0.0	0.0	2.3	9.0	15.8	36.1	1004.7	5639.9	6190.8	6041.7
62.5°	0.0	0.0	0.0	0.0	2.3	6.8	24.8	907.6	5348.6	6177.2	6369.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	15.8	718.0	4811.3	5854.3	6188.5
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	9.0	496.7	4213.0	5448.0	5856.6
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	300.3	3400.2	4777.4	4967.1
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	128.7	2427.1	3793.0	4075.2
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.9	1501.4	2772.5	3120.2
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.3	973.1	2099.7	2368.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	519.3	1316.3	1530.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	225.8	799.2	921.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.2	485.4	553.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.5	99.3
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: P599315
 CATALOG NUMBER: IFLD-S-SA2D-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5	3201.5
2.5°	3447.6	3513.1	3537.9	3499.5	3504.0	3425.0	3413.7	3303.1	3257.9	3267.0
5°	3605.6	3700.5	3752.4	3709.5	3612.4	3461.1	3323.4	3192.5	3111.2	3070.5
7.5°	3569.5	3675.6	3741.1	3781.7	3671.1	3427.3	3217.3	2971.2	2867.3	2869.6
10°	3370.8	3592.1	3725.3	3673.4	3621.4	3377.6	3052.5	2786.1	2693.5	2702.5
12.5°	3210.5	3456.6	3535.6	3576.3	3470.2	3276.0	3057.0	2752.2	2648.3	2585.1
15°	3111.2	3294.1	3298.6	3361.8	3318.9	3318.9	3104.4	2806.4	2716.1	2646.1
17.5°	3111.2	3151.8	3147.3	3169.9	3242.1	3327.9	3224.1	3025.4	2847.0	2835.7
20°	3181.2	3054.7	3025.4	3034.4	3095.4	3350.5	3488.2	3239.9	3127.0	3090.9
22.5°	3343.7	3066.0	2887.7	2856.1	3043.4	3348.2	3657.6	3578.5	3382.1	3352.8
25°	3567.2	3045.7	2851.5	2810.9	2953.1	3429.5	3890.1	3905.9	3727.5	3666.6
27.5°	3779.5	3136.0	2847.0	2838.0	3025.4	3411.5	4050.4	4167.8	3966.9	3917.2
30°	3851.7	3226.3	2930.6	2810.9	3052.5	3476.9	4045.9	4352.9	4222.0	4233.3
32.5°	3937.5	3316.6	2939.6	2892.2	3167.6	3583.0	4174.6	4651.0	4556.1	4422.9
35°	4064.0	3438.6	3025.4	2982.5	3248.9	3677.9	4201.7	4870.0	4854.2	4698.4
37.5°	4172.3	3558.2	3203.7	3210.5	3497.3	3831.4	4321.3	5138.6	5111.5	5005.4
40°	4249.1	3725.3	3481.5	3499.5	3714.0	4003.0	4533.6	5274.1	5475.0	5319.3
42.5°	4260.4	3874.3	3799.8	3944.3	4145.2	4269.4	4619.4	5366.7	5655.7	5554.1
45°	4303.3	4111.4	4319.1	4425.2	4590.0	4504.2	4614.8	5524.7	5669.2	5617.3
47.5°	4470.3	4542.6	4804.5	5127.4	5186.1	4903.8	4723.2	5549.6	5746.0	5739.2
50°	4644.2	5005.4	5373.4	5587.9	5662.4	5179.3	4824.8	5529.2	5847.6	5793.4
52.5°	4838.4	5407.3	5937.9	6202.0	6161.4	5484.1	4940.0	5694.0	6035.0	6016.9
55°	4960.3	5587.9	6301.4	6669.4	6637.8	5825.0	5305.7	5931.1	6281.1	6235.9
57.5°	5283.1	5881.4	6662.6	6834.2	6917.7	6272.0	5560.8	6319.4	6486.5	6536.2
60°	5549.6	6073.3	6757.4	7005.8	7035.2	6538.4	6007.9	6719.1	6748.4	6581.3
62.5°	5940.1	6147.9	6556.5	6780.0	6931.3	6689.7	6409.8	6933.6	6743.9	6732.6
65°	6226.9	5904.0	6181.7	6305.9	6403.0	6459.4	6813.9	7080.3	6660.4	6441.4
67.5°	6066.6	5443.4	5391.5	5398.3	5427.6	5768.6	6678.4	6721.3	6195.3	6014.6
70°	5339.6	4465.8	4395.8	4450.0	4303.3	4714.2	6129.8	6109.5	5466.0	5278.6
72.5°	4319.1	3255.7	3136.0	3210.5	3244.4	3680.1	5156.7	4632.9	3987.2	3840.4
75°	3431.8	2386.4	2013.9	2194.5	2309.7	2679.9	4027.8	3147.3	2783.8	2585.1
77.5°	2695.8	1806.2	1566.9	1494.6	1600.7	1948.4	2930.6	1652.7	1458.5	1365.9
80°	1709.1	1327.6	1440.4	1336.6	1381.7	1390.8	1526.2	751.8	598.3	591.5
82.5°	1029.5	907.6	1079.2	593.8	1081.5	966.3	634.4	340.9	302.5	302.5
85°	729.3	562.2	372.5	241.6	480.9	530.6	246.1	176.1	153.5	149.0
87.5°	365.8	173.8	83.5	54.2	61.0	99.3	29.4	13.5	13.5	11.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)