

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: P599225

Luminaire Tested: **IFLD-S-SA2A-740-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: P599225
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2A-740-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (32) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

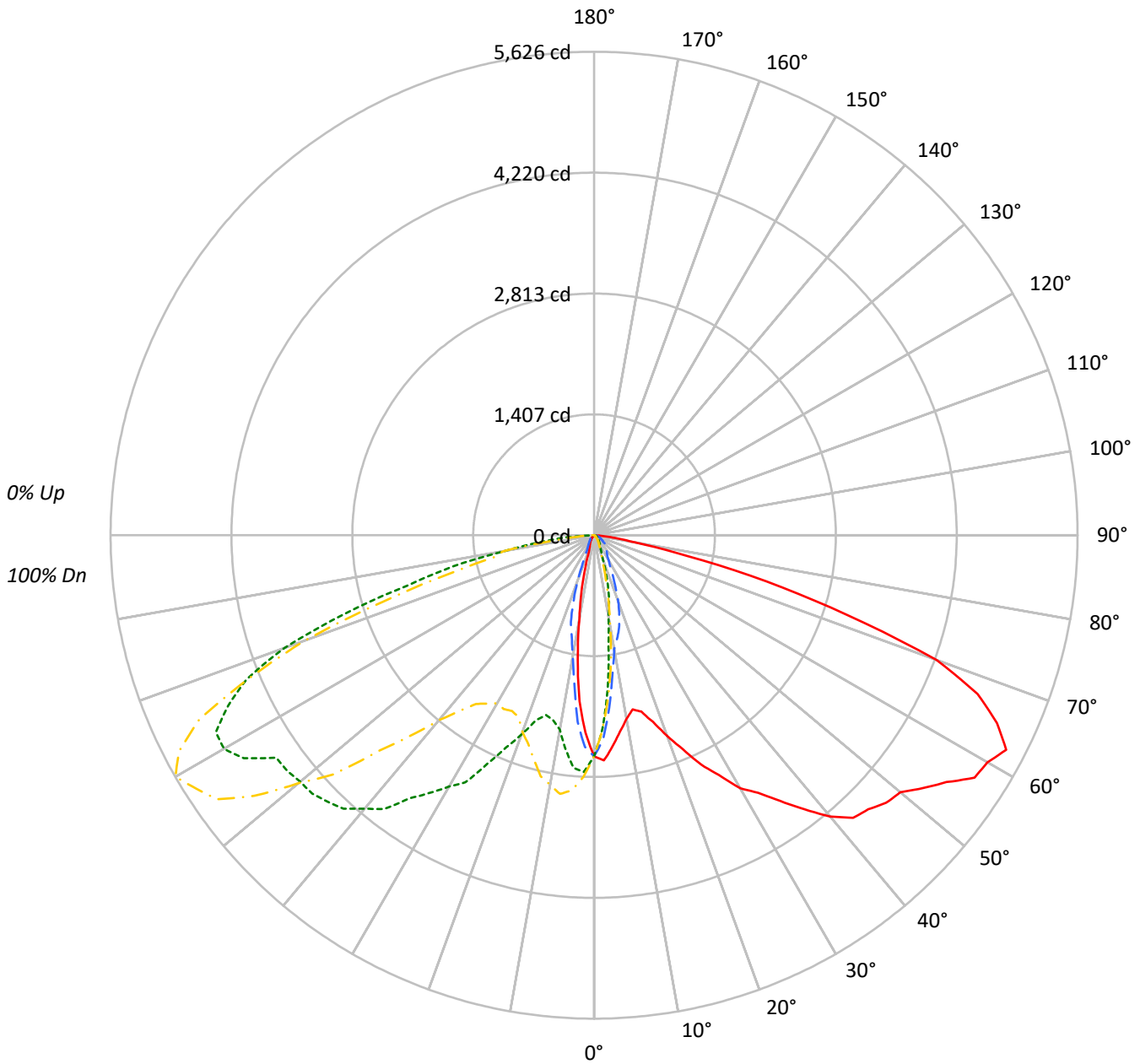
Lumens per Lamp: N/A
 Luminaire Lumens: 6724.9 lumens
 Efficiency: N/A
 Efficacy: 105.4 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 63.8
 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°

Signify Classified - Internal
 Cooper Lighting Solutions Photometric Lab
 1121 Highway 74 South
 Peachtree City, GA 30269



NVLAP Lab Code: 200050-0



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	55346	55346	55346	55346
5°	53286	38946	41924	58732
10°	47440	21204	21482	50214
15°	47358	14143	8647	48247
20°	56864	7061	3448	56531
25°	69939	4435	2670	69595
30°	84505	3560	2028	83964
35°	99157	2859	1572	98156
40°	120043	2445	1020	116730
45°	137334	2207	551	133525
50°	155812	2127	121	149435
55°	187952	2042	0	169441
60°	227553	1718	0	214047
65°	263493	1386	0	239480
70°	266810	1139	0	241475
75°	172676	757	0	185186
80°	58888	223	0	131040
85°	29566	0	0	96282

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.7	2.9
10°-20°	377.1	5.6
20°-30°	525.2	7.8
30°-40°	746.3	11.1
40°-50°	1034.9	15.4
50°-60°	1410.1	21.0
60°-70°	1550.3	23.1
70°-80°	761.9	11.3
80°-90°	124.4	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°	1097.1	16.3
0°-40°	1843.3	27.4
0°-60°	4288.3	63.8
0°-90°	6724.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6724.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2571	2571	2571	2571	2571	
5°	2466	1802	1940	2718	2466	226
15°	2125	635	388	2165	2125	629
25°	2944	187	112	2930	2944	1369
35°	3773	109	60	3735	3773	2395
45°	4511	72	18	4386	4511	3497
55°	5008	54	0	4514	5008	4505
65°	5173	27	0	4701	5173	4999
75°	2076	9	0	2226	2076	2263
85°	120	0	0	390	120	166
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°	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9
2.5°	2623.5	2654.3	2625.3	2523.8	2505.6	2456.7	2382.4	2376.9	2299.0	2308.0	2266.3
5°	2465.8	2496.6	2434.9	2300.8	2175.7	2076.0	2016.1	1909.2	1885.6	1833.0	1833.0
7.5°	2304.4	2302.6	2197.4	2085.0	1898.3	1715.2	1631.8	1477.6	1387.0	1338.0	1290.9
10°	2170.2	2141.2	2076.0	1843.9	1640.8	1450.4	1347.1	1245.6	1151.3	1069.7	988.1
12.5°	2076.0	2094.1	1990.7	1738.7	1475.8	1343.5	1232.9	1125.9	1013.5	921.0	830.4
15°	2124.9	2095.9	1974.4	1715.2	1448.6	1267.3	1120.5	989.9	864.8	743.4	674.5
17.5°	2277.2	2202.9	2059.6	1715.2	1392.4	1151.3	973.6	819.5	685.3	576.6	491.3
20°	2482.1	2396.9	2242.8	1778.6	1350.7	1066.1	823.1	629.1	489.5	388.0	322.7
22.5°	2692.4	2625.3	2393.2	1804.0	1301.8	951.9	649.1	455.1	326.4	261.1	228.4
25°	2944.4	2850.1	2596.3	1905.5	1229.3	841.3	511.3	317.3	242.9	208.5	188.6
27.5°	3145.7	3129.3	2786.7	1967.2	1174.9	750.6	404.3	252.0	201.2	175.9	163.2
30°	3399.5	3310.6	3018.7	2090.5	1113.2	647.3	337.2	226.6	184.9	157.7	148.7
32.5°	3551.8	3510.1	3140.2	2159.4	1044.3	562.0	290.1	199.4	168.6	148.7	139.6
35°	3773.0	3689.6	3314.3	2202.9	1008.1	513.1	261.1	181.3	141.4	121.5	110.6
37.5°	4019.6	3988.7	3522.8	2201.1	955.5	484.1	241.1	168.6	134.2	112.4	99.7
40°	4271.6	4146.5	3649.7	2251.8	928.3	462.3	226.6	161.4	126.9	107.0	90.7
42.5°	4460.1	4316.9	3796.5	2233.7	895.7	424.3	221.2	150.5	121.5	97.9	83.4
45°	4510.9	4460.1	3928.9	2228.3	872.1	393.4	212.1	148.7	117.8	92.5	78.0
47.5°	4608.8	4574.3	4092.1	2237.3	854.0	369.9	190.4	152.3	112.4	87.0	74.3
50°	4652.3	4590.7	4224.4	2259.1	812.3	340.9	170.4	159.5	110.6	85.2	70.7
52.5°	4831.8	4777.4	4405.7	2320.7	777.8	302.8	150.5	152.3	114.2	79.8	67.1
55°	5007.7	4946.0	4684.9	2462.1	728.8	272.0	128.7	134.2	108.8	72.5	59.8
57.5°	5248.8	5147.3	4871.7	2520.2	685.3	230.3	114.2	110.6	101.5	65.3	52.6
60°	5285.1	5326.8	4844.5	2483.9	640.0	203.1	99.7	85.2	108.8	58.0	45.3
62.5°	5406.5	5232.5	4717.6	2400.5	607.4	186.7	88.8	70.7	94.3	50.8	38.1
65°	5172.7	5043.9	4420.2	2132.2	565.7	188.6	78.0	58.0	59.8	41.7	30.8
67.5°	4830.0	4728.5	3927.1	1840.3	524.0	184.9	68.9	50.8	45.3	36.3	27.2
70°	4238.9	4019.6	3336.0	1494.0	462.3	172.2	58.0	45.3	38.1	29.0	19.9
72.5°	3084.0	2995.2	2393.2	1154.9	415.2	155.9	54.4	38.1	32.6	21.8	16.3
75°	2076.0	1929.1	1510.3	757.9	333.6	136.0	45.3	34.4	25.4	16.3	12.7
77.5°	1096.9	1037.1	855.8	360.8	184.9	63.5	25.4	19.9	14.5	12.7	7.3
80°	475.0	422.4	369.9	146.9	65.3	29.0	16.3	10.9	9.1	7.3	3.6
82.5°	242.9	232.1	192.2	63.5	38.1	21.8	9.1	7.3	5.4	3.6	1.8
85°	119.7	123.3	101.5	19.9	21.8	12.7	1.8	1.8	0.0	0.0	0.0
87.5°	9.1	9.1	7.3	3.6	5.4	1.8	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°	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9
2.5°	2250.0	2275.4	2231.9	2259.1	2246.4	2251.8	2257.3	2242.8	2246.4	2297.1	2299.0
5°	1802.2	1851.1	1833.0	1858.4	1901.9	1880.1	1900.1	1896.5	1900.1	1907.3	1940.0
7.5°	1285.5	1271.0	1305.4	1372.5	1450.4	1497.6	1474.0	1461.3	1454.1	1435.9	1457.7
10°	970.0	962.7	953.7	973.6	1024.4	1077.0	1106.0	1057.0	1029.8	995.4	982.7
12.5°	805.0	759.7	734.3	703.5	718.0	765.1	766.9	719.8	676.3	658.1	678.1
15°	634.6	603.7	558.4	514.9	493.2	529.4	498.6	453.3	397.1	389.8	388.0
17.5°	453.3	435.1	402.5	384.4	359.0	349.9	317.3	248.4	208.5	197.6	201.2
20°	308.2	293.7	291.9	275.6	264.7	257.5	204.9	159.5	146.9	148.7	150.5
22.5°	228.4	221.2	212.1	210.3	201.2	192.2	150.5	134.2	125.1	125.1	130.5
25°	186.7	183.1	174.1	170.4	166.8	154.1	126.9	114.2	110.6	107.0	112.4
27.5°	159.5	157.7	152.3	146.9	143.2	130.5	110.6	99.7	96.1	96.1	96.1
30°	143.2	143.2	136.0	125.1	125.1	110.6	94.3	87.0	83.4	83.4	81.6
32.5°	134.2	130.5	121.5	114.2	108.8	94.3	83.4	76.1	70.7	70.7	72.5
35°	108.8	108.8	107.0	101.5	94.3	79.8	70.7	63.5	59.8	58.0	59.8
37.5°	96.1	90.7	83.4	85.2	81.6	68.9	59.8	54.4	49.0	49.0	49.0
40°	87.0	81.6	74.3	68.9	67.1	61.6	52.6	43.5	38.1	36.3	36.3
42.5°	78.0	74.3	63.5	54.4	52.6	52.6	39.9	32.6	27.2	27.2	27.2
45°	72.5	67.1	58.0	47.1	38.1	39.9	32.6	23.6	19.9	18.1	18.1
47.5°	68.9	63.5	50.8	39.9	29.0	29.0	23.6	16.3	12.7	10.9	10.9
50°	63.5	58.0	45.3	32.6	21.8	18.1	14.5	9.1	5.4	3.6	3.6
52.5°	59.8	54.4	39.9	27.2	18.1	12.7	9.1	1.8	0.0	0.0	0.0
55°	54.4	47.1	34.4	21.8	14.5	7.3	1.8	0.0	0.0	0.0	0.0
57.5°	47.1	41.7	27.2	16.3	9.1	1.8	0.0	0.0	0.0	0.0	0.0
60°	39.9	34.4	21.8	12.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	32.6	29.0	16.3	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	27.2	21.8	12.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	23.6	18.1	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	18.1	12.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	12.7	9.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	9.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	5.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.8	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°	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9
2.5°	2306.2	2360.6	2411.4	2425.9	2465.8	2576.4	2576.4	2628.9	2723.2	2757.7	2764.9
5°	1945.4	2003.4	2014.3	2126.7	2179.3	2291.7	2366.0	2543.7	2650.7	2717.8	2759.5
7.5°	1479.5	1499.4	1541.1	1646.3	1749.6	1885.6	2027.0	2253.6	2442.2	2518.3	2659.8
10°	1017.1	1077.0	1167.6	1261.9	1423.3	1573.7	1756.9	1970.8	2202.9	2297.1	2418.6
12.5°	685.3	768.7	913.8	1047.9	1196.6	1348.9	1523.0	1809.4	2072.3	2202.9	2324.3
15°	400.7	502.2	627.3	844.9	1042.5	1212.9	1387.0	1677.1	1996.2	2164.8	2313.5
17.5°	203.1	233.9	337.2	525.8	786.9	1066.1	1325.3	1695.2	2054.2	2260.9	2384.2
20°	152.3	161.4	190.4	279.2	538.5	881.1	1267.3	1722.4	2215.6	2467.6	2534.7
22.5°	132.4	139.6	152.3	181.3	302.8	674.5	1185.7	1789.5	2434.9	2672.4	2813.9
25°	112.4	119.7	130.5	148.7	194.0	458.7	1086.0	1860.2	2630.7	2929.9	3062.3
27.5°	97.9	103.3	114.2	128.7	157.7	291.9	913.8	1954.5	2929.9	3241.8	3276.2
30°	83.4	88.8	97.9	114.2	134.2	206.7	670.8	1967.2	3094.9	3377.7	3473.8
32.5°	72.5	74.3	85.2	99.7	112.4	163.2	471.4	1979.9	3216.4	3553.6	3573.5
35°	59.8	63.5	74.3	83.4	97.9	128.7	357.2	1916.4	3374.1	3734.9	3729.5
37.5°	49.0	54.4	61.6	68.9	79.8	108.8	284.7	1798.6	3571.7	4015.9	3845.5
40°	38.1	43.5	50.8	59.8	67.1	97.9	213.9	1620.9	3778.4	4153.7	3972.4
42.5°	27.2	30.8	38.1	47.1	59.8	81.6	154.1	1410.6	3860.0	4315.1	4124.7
45°	19.9	23.6	29.0	39.9	61.6	65.3	107.0	1218.4	3947.0	4385.8	4090.3
47.5°	10.9	14.5	21.8	34.4	54.4	49.0	76.1	1046.1	4046.7	4449.2	4117.5
50°	3.6	5.4	12.7	36.3	43.5	38.1	59.8	953.7	4144.7	4461.9	4171.9
52.5°	0.0	0.0	7.3	38.1	32.6	29.0	52.6	917.4	4119.3	4501.8	4137.4
55°	0.0	0.0	1.8	16.3	18.1	21.8	43.5	915.6	4298.8	4514.5	4326.0
57.5°	0.0	0.0	0.0	5.4	10.9	18.1	38.1	857.6	4413.0	4830.0	4579.8
60°	0.0	0.0	0.0	1.8	7.3	12.7	29.0	806.8	4529.0	4971.4	4851.7
62.5°	0.0	0.0	0.0	0.0	1.8	5.4	19.9	728.8	4295.1	4960.5	5114.6
65°	0.0	0.0	0.0	0.0	0.0	0.0	12.7	576.6	3863.6	4701.3	4969.6
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.3	398.9	3383.2	4374.9	4703.1
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	241.1	2730.5	3836.4	3988.7
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	103.3	1949.0	3045.9	3272.6
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.7	1205.7	2226.4	2505.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	781.4	1686.1	1901.9
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	417.0	1057.0	1229.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181.3	641.8	739.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.0	389.8	444.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.8	79.8
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: P599225
 CATALOG NUMBER: IFLD-S-SA2A-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9	2570.9
2.5°	2768.5	2821.1	2841.1	2810.2	2813.9	2750.4	2741.3	2652.5	2616.2	2623.5
5°	2895.5	2971.6	3013.3	2978.9	2900.9	2779.4	2668.8	2563.7	2498.4	2465.8
7.5°	2866.4	2951.7	3004.2	3036.9	2948.0	2752.2	2583.6	2386.0	2302.6	2304.4
10°	2706.9	2884.6	2991.5	2949.8	2908.1	2712.3	2451.3	2237.3	2163.0	2170.2
12.5°	2578.2	2775.8	2839.3	2871.9	2786.7	2630.7	2454.9	2210.1	2126.7	2076.0
15°	2498.4	2645.3	2648.9	2699.6	2665.2	2665.2	2493.0	2253.6	2181.1	2124.9
17.5°	2498.4	2531.0	2527.4	2545.5	2603.6	2672.4	2589.0	2429.5	2286.3	2277.2
20°	2554.6	2453.1	2429.5	2436.8	2485.7	2690.6	2801.2	2601.7	2511.1	2482.1
22.5°	2685.1	2462.1	2318.9	2293.5	2444.0	2688.8	2937.2	2873.7	2716.0	2692.4
25°	2864.6	2445.8	2289.9	2257.3	2371.5	2754.0	3123.9	3136.6	2993.4	2944.4
27.5°	3035.1	2518.3	2286.3	2279.0	2429.5	2739.5	3252.6	3346.9	3185.5	3145.7
30°	3093.1	2590.9	2353.4	2257.3	2451.3	2792.1	3249.0	3495.6	3390.4	3399.5
32.5°	3162.0	2663.4	2360.6	2322.5	2543.7	2877.3	3352.3	3734.9	3658.8	3551.8
35°	3263.5	2761.3	2429.5	2395.1	2609.0	2953.5	3374.1	3910.8	3898.1	3773.0
37.5°	3350.5	2857.4	2572.7	2578.2	2808.4	3076.8	3470.2	4126.5	4104.8	4019.6
40°	3412.2	2991.5	2795.7	2810.2	2982.5	3214.6	3640.6	4235.3	4396.7	4271.6
42.5°	3421.2	3111.2	3051.4	3167.4	3328.8	3428.5	3709.5	4309.6	4541.7	4460.1
45°	3455.7	3301.6	3468.4	3553.6	3686.0	3617.1	3705.9	4436.6	4552.6	4510.9
47.5°	3589.9	3647.9	3858.2	4117.5	4164.6	3938.0	3792.9	4456.5	4614.2	4608.8
50°	3729.5	4019.6	4315.1	4487.3	4547.2	4159.2	3874.5	4440.2	4695.8	4652.3
52.5°	3885.4	4342.3	4768.3	4980.5	4947.8	4403.9	3967.0	4572.5	4846.3	4831.8
55°	3983.3	4487.3	5060.2	5355.8	5330.4	4677.7	4260.7	4762.9	5043.9	5007.7
57.5°	4242.6	4723.0	5350.3	5488.1	5555.2	5036.7	4465.6	5074.8	5208.9	5248.8
60°	4456.5	4877.1	5426.5	5625.9	5649.5	5250.6	4824.6	5395.7	5419.2	5285.1
62.5°	4770.2	4937.0	5265.1	5444.6	5566.1	5372.1	5147.3	5567.9	5415.6	5406.5
65°	5000.4	4741.2	4964.2	5063.9	5141.8	5187.2	5471.8	5685.8	5348.5	5172.7
67.5°	4871.7	4371.3	4329.6	4335.0	4358.6	4632.4	5363.0	5397.5	4975.0	4830.0
70°	4287.9	3586.2	3530.0	3573.5	3455.7	3785.7	4922.5	4906.1	4389.4	4238.9
72.5°	3468.4	2614.4	2518.3	2578.2	2605.4	2955.3	4141.0	3720.4	3201.9	3084.0
75°	2755.9	1916.4	1617.2	1762.3	1854.8	2152.1	3234.5	2527.4	2235.5	2076.0
77.5°	2164.8	1450.4	1258.3	1200.2	1285.5	1564.7	2353.4	1327.2	1171.2	1096.9
80°	1372.5	1066.1	1156.7	1073.3	1109.6	1116.8	1225.6	603.7	480.5	475.0
82.5°	826.8	728.8	866.6	476.8	868.5	776.0	509.5	273.8	242.9	242.9
85°	585.6	451.5	299.2	194.0	386.2	426.1	197.6	141.4	123.3	119.7
87.5°	293.7	139.6	67.1	43.5	49.0	79.8	23.6	10.9	10.9	9.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)