

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: P599237

Luminaire Tested: **IFLD-S-SA6C-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: P599237
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6C-740-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (96) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

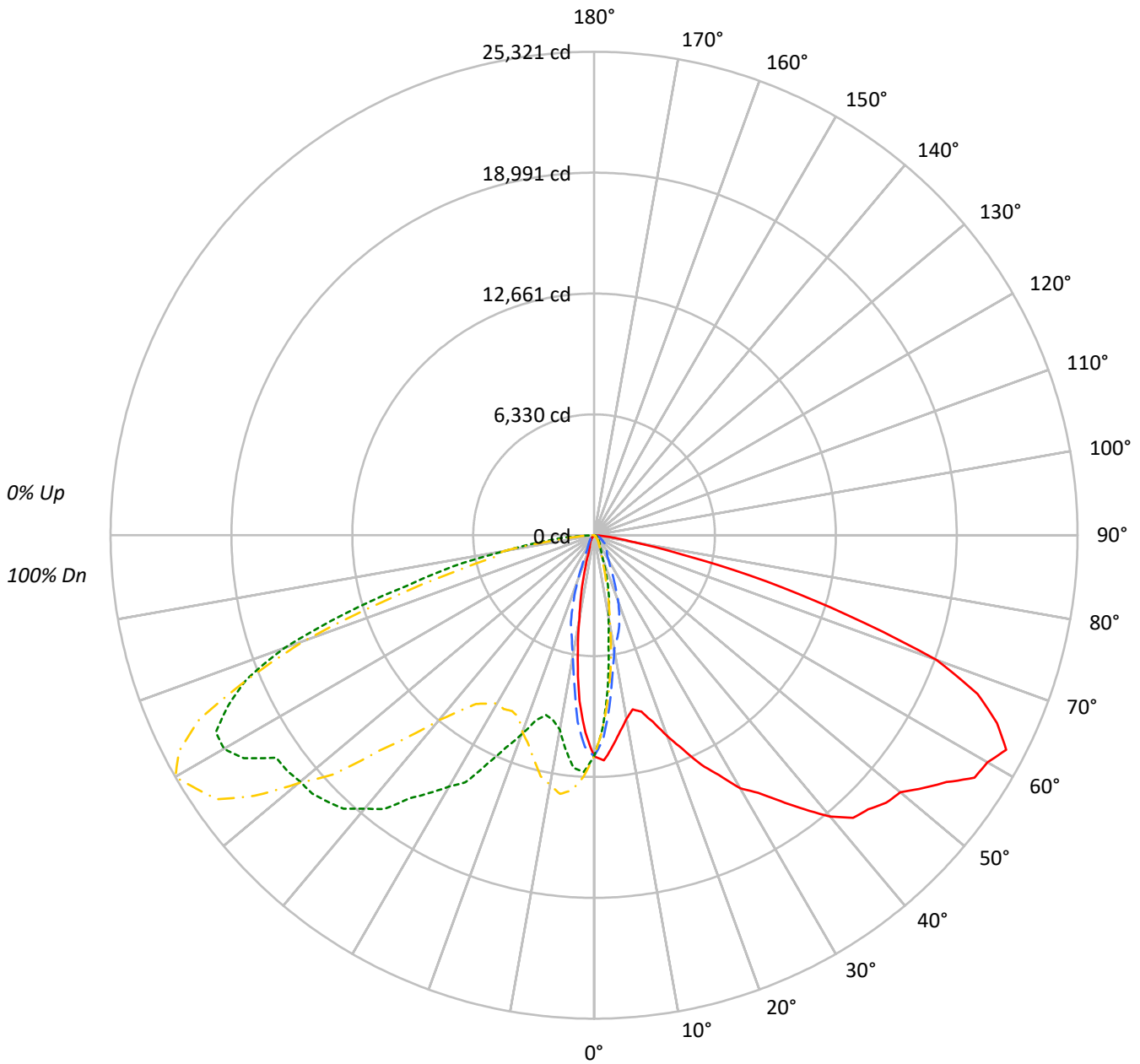
Lumens per Lamp: N/A
 Luminaire Lumens: 30267.0 lumens
 Efficiency: N/A
 Efficacy: 94.1 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 321.5
 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	83033	83033	83033	83033
5°	79941	58427	62895	88111
10°	71174	31811	32227	75336
15°	71049	21217	12973	72383
20°	85309	10593	5172	84810
25°	104926	6655	4006	104409
30°	126778	5341	3043	125967
35°	148759	4289	2359	147257
40°	180093	3669	1529	175124
45°	206035	3312	828	200321
50°	233756	3188	182	224191
55°	281973	3063	0	254205
60°	341384	2576	0	321123
65°	395302	2078	0	359277
70°	400283	1712	0	362276
75°	259050	1131	0	277828
80°	88348	339	0	196594
85°	44345	0	0	144448

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	876.5	2.9
10°-20°	1697.2	5.6
20°-30°	2363.9	7.8
30°-40°	3358.8	11.1
40°-50°	4657.7	15.4
50°-60°	6346.3	21.0
60°-70°	6977.3	23.1
70°-80°	3429.3	11.3
80°-90°	560.0	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°	4937.6	16.3
0°-40°	8296.4	27.4
0°-60°	19300.4	63.8
0°-90°	30267.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	30267.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	11571	11571	11571	11571	11571	
5°	11098	8111	8731	12232	11098	1016
15°	9564	2856	1746	9743	9564	2831
25°	13252	840	506	13187	13252	6161
35°	16981	490	269	16810	16981	10779
45°	20302	326	82	19739	20302	15738
55°	22538	245	0	20319	22538	20274
65°	23281	122	0	21159	23281	22498
75°	9343	41	0	10021	9343	10186
85°	539	0	0	1754	539	745
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°	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0
2.5°	11807.7	11946.4	11815.8	11358.9	11277.3	11056.9	10722.4	10697.9	10347.0	10387.8	10200.1
5°	11097.7	11236.5	10959.0	10355.2	9792.1	9343.3	9074.0	8592.6	8486.5	8249.9	8249.9
7.5°	10371.5	10363.3	9890.1	9384.1	8543.6	7719.5	7344.1	6650.5	6242.5	6022.2	5810.0
10°	9767.7	9637.1	9343.3	8298.8	7384.9	6528.1	6063.0	5606.0	5181.7	4814.5	4447.3
12.5°	9343.3	9424.9	8959.8	7825.5	6642.3	6046.6	5548.9	5067.4	4561.5	4145.3	3737.3
15°	9563.6	9433.1	8886.4	7719.5	6519.9	5703.9	5042.9	4455.4	3892.4	3345.6	3035.6
17.5°	10249.1	9914.5	9269.9	7719.5	6267.0	5181.7	4382.0	3688.4	3084.5	2594.9	2211.4
20°	11171.2	10787.7	10094.1	8005.1	6079.3	4798.1	3704.7	2831.6	2203.2	1746.3	1452.5
22.5°	12117.8	11815.8	10771.3	8119.3	5859.0	4284.1	2921.3	2048.2	1468.8	1175.1	1028.2
25°	13252.0	12827.7	11685.3	8576.3	5532.6	3786.3	2301.2	1428.0	1093.5	938.4	848.7
27.5°	14157.8	14084.3	12542.1	8853.7	5287.8	3378.3	1819.7	1134.3	905.8	791.5	734.4
30°	15300.2	14900.4	13586.6	9408.6	5010.3	2913.2	1517.8	1020.0	832.3	709.9	669.1
32.5°	15985.7	15798.0	14133.3	9718.7	4700.2	2529.6	1305.6	897.6	758.9	669.1	628.3
35°	16981.2	16605.8	14916.7	9914.5	4537.0	2309.3	1175.1	816.0	636.5	546.7	497.8
37.5°	18091.0	17952.2	15855.1	9906.4	4300.4	2178.7	1085.3	758.9	603.8	505.9	448.8
40°	19225.2	18662.2	16426.3	10134.9	4178.0	2080.8	1020.0	726.2	571.2	481.4	408.0
42.5°	20073.9	19429.2	17087.3	10053.3	4031.1	1909.5	995.5	677.3	546.7	440.6	375.4
45°	20302.4	20073.9	17683.0	10028.8	3925.0	1770.7	954.7	669.1	530.4	416.2	350.9
47.5°	20743.0	20588.0	18417.4	10069.6	3843.4	1664.7	856.8	685.4	505.9	391.7	334.6
50°	20938.8	20661.4	19013.1	10167.5	3655.7	1534.1	767.1	718.1	497.8	383.5	318.2
52.5°	21746.7	21501.9	19829.1	10444.9	3500.7	1362.7	677.3	685.4	514.1	359.0	301.9
55°	22538.2	22260.8	21085.7	11081.4	3280.4	1224.0	579.4	603.8	489.6	326.4	269.3
57.5°	23623.5	23166.6	21926.2	11342.6	3084.5	1036.3	514.1	497.8	457.0	293.8	236.6
60°	23786.7	23974.4	21803.8	11179.4	2880.5	913.9	448.8	383.5	489.6	261.1	204.0
62.5°	24333.4	23550.1	21232.6	10804.0	2733.6	840.5	399.8	318.2	424.3	228.5	171.4
65°	23280.8	22701.4	19894.3	9596.3	2546.0	848.7	350.9	261.1	269.3	187.7	138.7
67.5°	21738.5	21281.6	17674.8	8282.5	2358.3	832.3	310.1	228.5	204.0	163.2	122.4
70°	19078.3	18091.0	15014.6	6723.9	2080.8	775.2	261.1	204.0	171.4	130.6	89.8
72.5°	13880.3	13480.5	10771.3	5198.0	1868.7	701.8	244.8	171.4	146.9	97.9	73.4
75°	9343.3	8682.4	6797.4	3410.9	1501.5	612.0	204.0	155.0	114.2	73.4	57.1
77.5°	4936.9	4667.6	3851.6	1623.9	832.3	285.6	114.2	89.8	65.3	57.1	32.6
80°	2137.9	1901.3	1664.7	661.0	293.8	130.6	73.4	49.0	40.8	32.6	16.3
82.5°	1093.5	1044.5	865.0	285.6	171.4	97.9	40.8	32.6	24.5	16.3	8.2
85°	538.6	554.9	457.0	89.8	97.9	57.1	8.2	8.2	0.0	0.0	0.0
87.5°	40.8	40.8	32.6	16.3	24.5	8.2	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°	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0
2.5°	10126.7	10240.9	10045.1	10167.5	10110.4	10134.9	10159.3	10094.1	10110.4	10338.9	10347.0
5°	8111.1	8331.5	8249.9	8364.1	8560.0	8462.0	8551.8	8535.5	8551.8	8584.4	8731.3
7.5°	5785.5	5720.2	5875.3	6177.2	6528.1	6740.3	6634.2	6577.0	6544.4	6462.8	6560.7
10°	4365.7	4333.0	4292.2	4382.0	4610.5	4847.1	4977.7	4757.3	4634.9	4479.9	4422.8
12.5°	3623.1	3419.1	3304.8	3166.1	3231.4	3443.6	3451.7	3239.6	3043.7	2962.1	3051.9
15°	2856.0	2717.3	2513.3	2317.5	2219.5	2382.8	2244.0	2040.0	1787.1	1754.4	1746.3
17.5°	2040.0	1958.4	1811.5	1729.9	1615.7	1574.9	1428.0	1117.9	938.4	889.5	905.8
20°	1387.2	1321.9	1313.8	1240.3	1191.4	1158.7	922.1	718.1	661.0	669.1	677.3
22.5°	1028.2	995.5	954.7	946.6	905.8	865.0	677.3	603.8	563.0	563.0	587.5
25°	840.5	824.2	783.4	767.1	750.7	693.6	571.2	514.1	497.8	481.4	505.9
27.5°	718.1	709.9	685.4	661.0	644.6	587.5	497.8	448.8	432.5	432.5	432.5
30°	644.6	644.6	612.0	563.0	563.0	497.8	424.3	391.7	375.4	375.4	367.2
32.5°	603.8	587.5	546.7	514.1	489.6	424.3	375.4	342.7	318.2	318.2	326.4
35°	489.6	489.6	481.4	457.0	424.3	359.0	318.2	285.6	269.3	261.1	269.3
37.5°	432.5	408.0	375.4	383.5	367.2	310.1	269.3	244.8	220.3	220.3	220.3
40°	391.7	367.2	334.6	310.1	301.9	277.4	236.6	195.8	171.4	163.2	163.2
42.5°	350.9	334.6	285.6	244.8	236.6	236.6	179.5	146.9	122.4	122.4	122.4
45°	326.4	301.9	261.1	212.2	171.4	179.5	146.9	106.1	89.8	81.6	81.6
47.5°	310.1	285.6	228.5	179.5	130.6	130.6	106.1	73.4	57.1	49.0	49.0
50°	285.6	261.1	204.0	146.9	97.9	81.6	65.3	40.8	24.5	16.3	16.3
52.5°	269.3	244.8	179.5	122.4	81.6	57.1	40.8	8.2	0.0	0.0	0.0
55°	244.8	212.2	155.0	97.9	65.3	32.6	8.2	0.0	0.0	0.0	0.0
57.5°	212.2	187.7	122.4	73.4	40.8	8.2	0.0	0.0	0.0	0.0	0.0
60°	179.5	155.0	97.9	57.1	16.3	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	146.9	130.6	73.4	32.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	122.4	97.9	57.1	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	106.1	81.6	40.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	81.6	57.1	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	57.1	40.8	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	40.8	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	24.5	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	8.2	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°	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0
2.5°	10379.7	10624.5	10852.9	10918.2	11097.7	11595.5	11595.5	11832.2	12256.5	12411.5	12444.2
5°	8755.8	9016.9	9065.9	9571.8	9808.5	10314.4	10648.9	11448.6	11930.1	12232.0	12419.7
7.5°	6658.6	6748.4	6936.1	7409.4	7874.5	8486.5	9123.0	10143.0	10991.7	11334.4	11970.9
10°	4577.8	4847.1	5255.1	5679.4	6405.7	7083.0	7907.1	8870.0	9914.5	10338.9	10885.6
12.5°	3084.5	3459.9	4112.7	4716.5	5385.7	6071.1	6854.5	8143.8	9327.0	9914.5	10461.3
15°	1803.4	2260.4	2823.4	3802.6	4692.1	5459.1	6242.5	7548.1	8984.3	9743.2	10412.3
17.5°	913.9	1052.7	1517.8	2366.4	3541.5	4798.1	5965.0	7629.7	9245.4	10175.7	10730.5
20°	685.4	726.2	856.8	1256.7	2423.6	3965.8	5703.9	7752.1	9971.7	11105.9	11407.8
22.5°	595.7	628.3	685.4	816.0	1362.7	3035.6	5336.7	8054.0	10959.0	12028.0	12664.5
25°	505.9	538.6	587.5	669.1	873.1	2064.5	4887.9	8372.3	11840.3	13186.7	13782.4
27.5°	440.6	465.1	514.1	579.4	709.9	1313.8	4112.7	8796.6	13186.7	14590.3	14745.3
30°	375.4	399.8	440.6	514.1	603.8	930.3	3019.2	8853.7	13929.3	15202.3	15634.8
32.5°	326.4	334.6	383.5	448.8	505.9	734.4	2121.6	8910.8	14476.0	15993.8	16083.6
35°	269.3	285.6	334.6	375.4	440.6	579.4	1607.5	8625.2	15186.0	16809.8	16785.3
37.5°	220.3	244.8	277.4	310.1	359.0	489.6	1281.1	8094.8	16075.4	18074.6	17307.6
40°	171.4	195.8	228.5	269.3	301.9	440.6	962.9	7295.1	17005.7	18694.8	17878.8
42.5°	122.4	138.7	171.4	212.2	269.3	367.2	693.6	6348.6	17372.9	19421.1	18564.3
45°	89.8	106.1	130.6	179.5	277.4	293.8	481.4	5483.6	17764.6	19739.3	18409.2
47.5°	49.0	65.3	97.9	155.0	244.8	220.3	342.7	4708.4	18213.4	20024.9	18531.6
50°	16.3	24.5	57.1	163.2	195.8	171.4	269.3	4292.2	18654.0	20082.0	18776.4
52.5°	0.0	0.0	32.6	171.4	146.9	130.6	236.6	4129.0	18539.8	20261.6	18621.4
55°	0.0	0.0	8.2	73.4	81.6	97.9	195.8	4120.9	19347.6	20318.7	19470.0
57.5°	0.0	0.0	0.0	24.5	49.0	81.6	171.4	3859.7	19861.7	21738.5	20612.4
60°	0.0	0.0	0.0	8.2	32.6	57.1	130.6	3631.2	20384.0	22375.0	21836.5
62.5°	0.0	0.0	0.0	0.0	8.2	24.5	89.8	3280.4	19331.3	22326.1	23019.7
65°	0.0	0.0	0.0	0.0	0.0	0.0	57.1	2594.9	17389.2	21159.2	22366.9
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	32.6	1795.2	15226.8	19690.3	21167.3
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1085.3	12289.1	17266.8	17952.2
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	465.1	8772.1	13709.0	14729.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	187.7	5426.5	10020.6	11277.3
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.4	3517.0	7588.9	8560.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	1876.8	4757.3	5532.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	816.0	2888.7	3329.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	261.1	1754.4	1999.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	269.3	359.0
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: P599237
 CATALOG NUMBER: IFLD-S-SA6C-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0	11571.0
2.5°	12460.5	12697.1	12786.9	12648.2	12664.5	12378.9	12338.1	11938.2	11775.0	11807.7
5°	13031.7	13374.4	13562.1	13407.1	13056.2	12509.4	12011.7	11538.4	11244.6	11097.7
7.5°	12901.1	13284.7	13521.3	13668.2	13268.3	12387.0	11628.2	10738.7	10363.3	10371.5
10°	12183.0	12982.7	13464.2	13276.5	13088.8	12207.5	11032.5	10069.6	9735.0	9767.7
12.5°	11603.7	12493.1	12778.7	12925.6	12542.1	11840.3	11048.8	9947.2	9571.8	9343.3
15°	11244.6	11905.6	11921.9	12150.4	11995.4	11995.4	11220.2	10143.0	9816.6	9563.6
17.5°	11244.6	11391.5	11375.2	11456.8	11717.9	12028.0	11652.6	10934.5	10289.9	10249.1
20°	11497.6	11040.6	10934.5	10967.2	11187.5	12109.6	12607.4	11709.8	11301.8	11171.2
22.5°	12085.1	11081.4	10436.8	10322.5	10999.8	12101.4	13219.4	12933.8	12223.8	12117.8
25°	12893.0	11008.0	10306.2	10159.3	10673.4	12395.2	14059.9	14117.0	13472.3	13252.0
27.5°	13660.0	11334.4	10289.9	10257.3	10934.5	12329.9	14639.2	15063.6	14337.3	14157.8
30°	13921.1	11660.8	10591.8	10159.3	11032.5	12566.6	14622.9	15732.7	15259.4	15300.2
32.5°	14231.2	11987.2	10624.5	10453.1	11448.6	12950.1	15088.0	16809.8	16467.1	15985.7
35°	14688.2	12427.8	10934.5	10779.5	11742.4	13292.8	15186.0	17601.4	17544.2	16981.2
37.5°	15079.9	12860.3	11579.2	11603.7	12640.0	13847.7	15618.5	18572.4	18474.5	18091.0
40°	15357.3	13464.2	12582.9	12648.2	13423.4	14467.9	16385.5	19062.0	19788.3	19225.2
42.5°	15398.1	14002.7	13733.5	14255.7	14982.0	15430.8	16695.6	19396.6	20441.1	20073.9
45°	15553.2	14859.6	15610.3	15993.8	16589.5	16279.4	16679.3	19967.8	20490.0	20302.4
47.5°	16157.0	16418.1	17364.7	18531.6	18743.8	17723.8	17071.0	20057.6	20767.5	20743.0
50°	16785.3	18091.0	19421.1	20196.3	20465.6	18719.3	17438.2	19984.1	21134.7	20938.8
52.5°	17487.1	19543.5	21461.1	22415.8	22268.9	19820.9	17854.3	20579.8	21812.0	21746.7
55°	17927.8	20196.3	22774.9	24105.0	23990.7	21053.1	19176.3	21436.6	22701.4	22538.2
57.5°	19094.7	21257.1	24080.5	24700.7	25002.6	22668.8	20098.4	22840.1	23444.0	23623.5
60°	20057.6	21950.7	24423.2	25320.8	25426.9	23631.7	21714.1	24284.5	24390.6	23786.7
62.5°	21469.2	22220.0	23697.0	24504.8	25051.5	24178.4	23166.6	25059.7	24374.2	24333.4
65°	22505.6	21338.7	22342.4	22791.2	23142.1	23346.1	24627.2	25590.1	24072.3	23280.8
67.5°	21926.2	19674.0	19486.3	19510.8	19616.9	20849.1	24137.6	24292.6	22391.3	21738.5
70°	19298.7	16140.7	15887.7	16083.6	15553.2	17038.3	22154.7	22081.3	19755.6	19078.3
72.5°	15610.3	11766.9	11334.4	11603.7	11726.1	13301.0	18637.7	16744.5	14410.8	13880.3
75°	12403.4	8625.2	7278.8	7931.6	8347.8	9686.1	14557.6	11375.2	10061.4	9343.3
77.5°	9743.2	6528.1	5663.1	5402.0	5785.5	7042.2	10591.8	5973.2	5271.4	4936.9
80°	6177.2	4798.1	5206.2	4830.8	4994.0	5026.6	5516.2	2717.3	2162.4	2137.9
82.5°	3721.0	3280.4	3900.5	2146.1	3908.7	3492.5	2293.0	1232.2	1093.5	1093.5
85°	2635.7	2031.9	1346.4	873.1	1738.1	1917.6	889.5	636.5	554.9	538.6
87.5°	1321.9	628.3	301.9	195.8	220.3	359.0	106.1	49.0	49.0	40.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)