

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: P599232

Luminaire Tested: **IFLD-S-SA3C-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: P599232
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3C-740-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (48) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

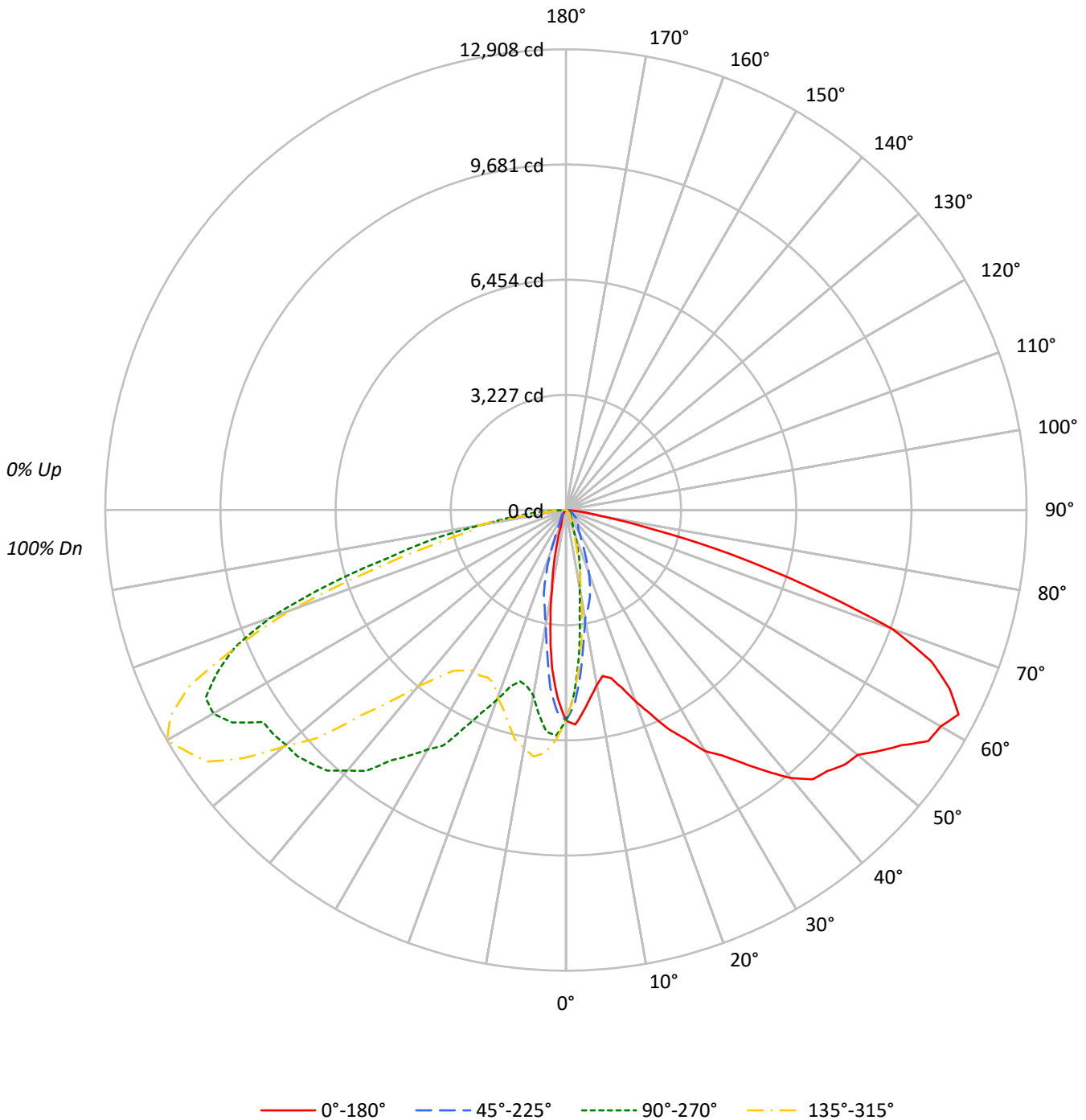
Lumens per Lamp: N/A
 Luminaire Lumens: 15429.3 lumens
 Efficiency: N/A
 Efficacy: 96.0 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 160.8
 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



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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	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°	84656	84656	84656	84656
5°	81503	59569	64124	89833
10°	72565	32433	32857	76809
15°	72438	21632	13227	73798
20°	86976	10801	5274	86468
25°	106977	6786	4084	106450
30°	129256	5446	3102	128429
35°	151666	4373	2406	150136
40°	183613	3741	1559	178547
45°	210062	3377	844	204237
50°	238325	3251	185	228574
55°	287485	3123	0	259173
60°	348056	2626	0	327401
65°	403027	2119	0	366300
70°	408107	1746	0	369355
75°	264115	1153	0	283257
80°	90079	347	0	200441
85°	45202	0	0	147280

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	446.8	2.9
10°-20°	865.2	5.6
20°-30°	1205.0	7.8
30°-40°	1712.2	11.1
40°-50°	2374.4	15.4
50°-60°	3235.2	21.0
60°-70°	3556.8	23.1
70°-80°	1748.2	11.3
80°-90°	285.5	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°	2517.1	16.3
0°-40°	4229.3	27.4
0°-60°	9838.8	63.8
0°-90°	15429.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15429.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5899	5899	5899	5899	5899	
5°	5657	4135	4451	6236	5657	518
15°	4875	1456	890	4967	4875	1443
25°	6756	428	258	6722	6756	3141
35°	8656	250	137	8569	8656	5495
45°	10350	166	42	10063	10350	8023
55°	11489	125	0	10358	11489	10335
65°	11868	62	0	10786	11868	11469
75°	4763	21	0	5108	4763	5193
85°	274	0	0	894	274	380
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°	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6
2.5°	6019.2	6089.9	6023.4	5790.4	5748.8	5636.5	5466.0	5453.5	5274.6	5295.4	5199.8
5°	5657.3	5728.0	5586.6	5278.8	4991.8	4763.0	4625.7	4380.3	4326.2	4205.6	4205.6
7.5°	5287.1	5282.9	5041.7	4783.8	4355.3	3935.2	3743.8	3390.2	3182.2	3069.9	2961.8
10°	4979.3	4912.7	4763.0	4230.5	3764.6	3327.8	3090.7	2857.8	2641.5	2454.3	2267.1
12.5°	4763.0	4804.6	4567.5	3989.2	3386.1	3082.4	2828.7	2583.2	2325.3	2113.2	1905.2
15°	4875.3	4808.7	4530.0	3935.2	3323.7	2907.7	2570.8	2271.3	1984.2	1705.5	1547.4
17.5°	5224.7	5054.2	4725.5	3935.2	3194.7	2641.5	2233.8	1880.2	1572.4	1322.8	1127.3
20°	5694.8	5499.3	5145.7	4080.8	3099.1	2446.0	1888.5	1443.5	1123.1	890.2	740.4
22.5°	6177.3	6023.4	5490.9	4139.0	2986.7	2183.9	1489.2	1044.1	748.8	599.0	524.1
25°	6755.5	6539.2	5956.8	4372.0	2820.3	1930.1	1173.1	728.0	557.4	478.4	432.6
27.5°	7217.3	7179.8	6393.6	4513.4	2695.6	1722.2	927.6	578.2	461.7	403.5	374.4
30°	7799.6	7595.8	6926.1	4796.2	2554.1	1485.0	773.7	520.0	424.3	361.9	341.1
32.5°	8149.0	8053.4	7204.8	4954.3	2396.0	1289.5	665.6	457.6	386.9	341.1	320.3
35°	8656.5	8465.2	7604.1	5054.2	2312.8	1177.2	599.0	416.0	324.5	278.7	253.7
37.5°	9222.3	9151.6	8082.5	5050.0	2192.2	1110.7	553.3	386.9	307.8	257.9	228.8
40°	9800.5	9513.5	8373.7	5166.5	2129.8	1060.7	520.0	370.2	291.2	245.4	208.0
42.5°	10233.1	9904.5	8710.6	5124.9	2054.9	973.4	507.5	345.3	278.7	224.6	191.4
45°	10349.6	10233.1	9014.3	5112.4	2000.9	902.7	486.7	341.1	270.4	212.1	178.9
47.5°	10574.2	10495.2	9388.7	5133.2	1959.3	848.6	436.8	349.4	257.9	199.7	170.6
50°	10674.0	10532.6	9692.3	5183.1	1863.6	782.0	391.0	366.1	253.7	195.5	162.2
52.5°	11085.9	10961.1	10108.3	5324.5	1784.6	694.7	345.3	349.4	262.1	183.0	153.9
55°	11489.4	11347.9	10748.9	5649.0	1672.2	624.0	295.3	307.8	249.6	166.4	137.3
57.5°	12042.6	11809.7	11177.4	5782.1	1572.4	528.3	262.1	253.7	232.9	149.8	120.6
60°	12125.8	12221.5	11115.0	5698.9	1468.4	465.9	228.8	195.5	249.6	133.1	104.0
62.5°	12404.5	12005.2	10823.8	5507.6	1393.5	428.5	203.8	162.2	216.3	116.5	87.4
65°	11867.9	11572.6	10141.6	4891.9	1297.9	432.6	178.9	133.1	137.3	95.7	70.7
67.5°	11081.7	10848.8	9010.1	4222.2	1202.2	424.3	158.1	116.5	104.0	83.2	62.4
70°	9725.6	9222.3	7654.0	3427.7	1060.7	395.2	133.1	104.0	87.4	66.6	45.8
72.5°	7075.8	6872.0	5490.9	2649.8	952.6	357.7	124.8	87.4	74.9	49.9	37.4
75°	4763.0	4426.0	3465.1	1738.8	765.4	312.0	104.0	79.0	58.2	37.4	29.1
77.5°	2516.7	2379.4	1963.4	827.8	424.3	145.6	58.2	45.8	33.3	29.1	16.6
80°	1089.9	969.2	848.6	336.9	149.8	66.6	37.4	25.0	20.8	16.6	8.3
82.5°	557.4	532.5	440.9	145.6	87.4	49.9	20.8	16.6	12.5	8.3	4.2
85°	274.5	282.9	232.9	45.8	49.9	29.1	4.2	4.2	0.0	0.0	0.0
87.5°	20.8	20.8	16.6	8.3	12.5	4.2	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°	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6
2.5°	5162.3	5220.5	5120.7	5183.1	5154.0	5166.5	5179.0	5145.7	5154.0	5270.5	5274.6
5°	4134.8	4247.2	4205.6	4263.8	4363.6	4313.7	4359.5	4351.2	4359.5	4376.1	4451.0
7.5°	2949.3	2916.0	2995.1	3149.0	3327.8	3436.0	3381.9	3352.8	3336.2	3294.6	3344.5
10°	2225.5	2208.9	2188.1	2233.8	2350.3	2470.9	2537.5	2425.2	2362.8	2283.7	2254.6
12.5°	1847.0	1743.0	1684.7	1614.0	1647.3	1755.4	1759.6	1651.4	1551.6	1510.0	1555.8
15°	1455.9	1385.2	1281.2	1181.4	1131.5	1214.7	1143.9	1040.0	911.0	894.4	890.2
17.5°	1040.0	998.4	923.5	881.9	823.6	802.8	728.0	569.9	478.4	453.4	461.7
20°	707.2	673.9	669.7	632.3	607.3	590.7	470.1	366.1	336.9	341.1	345.3
22.5°	524.1	507.5	486.7	482.5	461.7	440.9	345.3	307.8	287.0	287.0	299.5
25°	428.5	420.1	399.3	391.0	382.7	353.6	291.2	262.1	253.7	245.4	257.9
27.5°	366.1	361.9	349.4	336.9	328.6	299.5	253.7	228.8	220.5	220.5	220.5
30°	328.6	328.6	312.0	287.0	287.0	253.7	216.3	199.7	191.4	191.4	187.2
32.5°	307.8	299.5	278.7	262.1	249.6	216.3	191.4	174.7	162.2	162.2	166.4
35°	249.6	249.6	245.4	232.9	216.3	183.0	162.2	145.6	137.3	133.1	137.3
37.5°	220.5	208.0	191.4	195.5	187.2	158.1	137.3	124.8	112.3	112.3	112.3
40°	199.7	187.2	170.6	158.1	153.9	141.4	120.6	99.8	87.4	83.2	83.2
42.5°	178.9	170.6	145.6	124.8	120.6	120.6	91.5	74.9	62.4	62.4	62.4
45°	166.4	153.9	133.1	108.2	87.4	91.5	74.9	54.1	45.8	41.6	41.6
47.5°	158.1	145.6	116.5	91.5	66.6	66.6	54.1	37.4	29.1	25.0	25.0
50°	145.6	133.1	104.0	74.9	49.9	41.6	33.3	20.8	12.5	8.3	8.3
52.5°	137.3	124.8	91.5	62.4	41.6	29.1	20.8	4.2	0.0	0.0	0.0
55°	124.8	108.2	79.0	49.9	33.3	16.6	4.2	0.0	0.0	0.0	0.0
57.5°	108.2	95.7	62.4	37.4	20.8	4.2	0.0	0.0	0.0	0.0	0.0
60°	91.5	79.0	49.9	29.1	8.3	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	74.9	66.6	37.4	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	62.4	49.9	29.1	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	54.1	41.6	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	41.6	29.1	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	29.1	20.8	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	20.8	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	12.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.2	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°	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6
2.5°	5291.3	5416.1	5532.5	5565.8	5657.3	5911.1	5911.1	6031.7	6248.0	6327.1	6343.7
5°	4463.5	4596.6	4621.5	4879.4	5000.1	5258.0	5428.5	5836.2	6081.6	6235.5	6331.2
7.5°	3394.4	3440.2	3535.8	3777.1	4014.2	4326.2	4650.7	5170.6	5603.3	5778.0	6102.4
10°	2333.6	2470.9	2678.9	2895.2	3265.4	3610.7	4030.8	4521.7	5054.2	5270.5	5549.2
12.5°	1572.4	1763.8	2096.5	2404.4	2745.5	3094.9	3494.2	4151.5	4754.7	5054.2	5332.9
15°	919.3	1152.3	1439.3	1938.5	2391.9	2782.9	3182.2	3847.8	4579.9	4966.8	5307.9
17.5°	465.9	536.6	773.7	1206.3	1805.4	2446.0	3040.8	3889.4	4713.1	5187.3	5470.1
20°	349.4	370.2	436.8	640.6	1235.5	2021.7	2907.7	3951.8	5083.3	5661.5	5815.4
22.5°	303.7	320.3	349.4	416.0	694.7	1547.4	2720.5	4105.7	5586.6	6131.5	6456.0
25°	257.9	274.5	299.5	341.1	445.1	1052.4	2491.7	4268.0	6035.9	6722.2	7025.9
27.5°	224.6	237.1	262.1	295.3	361.9	669.7	2096.5	4484.3	6722.2	7437.7	7516.8
30°	191.4	203.8	224.6	262.1	307.8	474.2	1539.1	4513.4	7100.8	7749.7	7970.2
32.5°	166.4	170.6	195.5	228.8	257.9	374.4	1081.5	4542.5	7379.5	8153.2	8199.0
35°	137.3	145.6	170.6	191.4	224.6	295.3	819.5	4396.9	7741.4	8569.2	8556.7
37.5°	112.3	124.8	141.4	158.1	183.0	249.6	653.1	4126.5	8194.8	9214.0	8822.9
40°	87.4	99.8	116.5	137.3	153.9	224.6	490.9	3718.9	8669.0	9530.1	9114.1
42.5°	62.4	70.7	87.4	108.2	137.3	187.2	353.6	3236.3	8856.2	9900.3	9463.5
45°	45.8	54.1	66.6	91.5	141.4	149.8	245.4	2795.4	9055.9	10062.6	9384.5
47.5°	25.0	33.3	49.9	79.0	124.8	112.3	174.7	2400.2	9284.7	10208.2	9446.9
50°	8.3	12.5	29.1	83.2	99.8	87.4	137.3	2188.1	9509.3	10237.3	9571.7
52.5°	0.0	0.0	16.6	87.4	74.9	66.6	120.6	2104.9	9451.1	10328.8	9492.7
55°	0.0	0.0	4.2	37.4	41.6	49.9	99.8	2100.7	9862.9	10357.9	9925.3
57.5°	0.0	0.0	0.0	12.5	25.0	41.6	87.4	1967.6	10125.0	11081.7	10507.7
60°	0.0	0.0	0.0	4.2	16.6	29.1	66.6	1851.1	10391.2	11406.2	11131.6
62.5°	0.0	0.0	0.0	0.0	4.2	12.5	45.8	1672.2	9854.6	11381.2	11734.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	29.1	1322.8	8864.5	10786.4	11402.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	16.6	915.2	7762.2	10037.6	10790.5
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	553.3	6264.7	8802.1	9151.6
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	237.1	4471.8	6988.5	7508.4
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95.7	2766.3	5108.2	5748.8
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.4	1792.9	3868.6	4363.6
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	956.8	2425.2	2820.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	416.0	1472.6	1697.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	133.1	894.4	1019.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	137.3	183.0
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: P599232
 CATALOG NUMBER: IFLD-S-SA3C-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6	5898.6
2.5°	6352.0	6472.6	6518.4	6447.7	6456.0	6310.4	6289.6	6085.8	6002.6	6019.2
5°	6643.2	6817.9	6913.6	6834.6	6655.7	6377.0	6123.2	5882.0	5732.2	5657.3
7.5°	6576.6	6772.2	6892.8	6967.7	6763.8	6314.6	5927.7	5474.3	5282.9	5287.1
10°	6210.6	6618.2	6863.7	6768.0	6672.3	6223.1	5624.1	5133.2	4962.6	4979.3
12.5°	5915.2	6368.7	6514.2	6589.1	6393.6	6035.9	5632.4	5070.8	4879.4	4763.0
15°	5732.2	6069.1	6077.5	6193.9	6114.9	6114.9	5719.7	5170.6	5004.2	4875.3
17.5°	5732.2	5807.1	5798.8	5840.4	5973.5	6131.5	5940.2	5574.1	5245.5	5224.7
20°	5861.2	5628.2	5574.1	5590.8	5703.1	6173.1	6426.9	5969.3	5761.3	5694.8
22.5°	6160.7	5649.0	5320.4	5262.1	5607.4	6169.0	6738.9	6593.3	6231.4	6177.3
25°	6572.5	5611.6	5253.8	5179.0	5441.0	6318.7	7167.3	7196.5	6867.8	6755.5
27.5°	6963.5	5778.0	5245.5	5228.9	5574.1	6285.5	7462.7	7679.0	7308.8	7217.3
30°	7096.6	5944.4	5399.4	5179.0	5624.1	6406.1	7454.4	8020.1	7778.8	7799.6
32.5°	7254.7	6110.7	5416.1	5328.7	5836.2	6601.6	7691.5	8569.2	8394.5	8149.0
35°	7487.6	6335.4	5574.1	5495.1	5986.0	6776.3	7741.4	8972.7	8943.6	8656.5
37.5°	7687.3	6555.8	5902.8	5915.2	6443.5	7059.2	7961.9	9467.7	9417.8	9222.3
40°	7828.7	6863.7	6414.4	6447.7	6842.9	7375.3	8352.9	9717.3	10087.5	9800.5
42.5°	7849.5	7138.2	7000.9	7267.2	7637.4	7866.2	8511.0	9887.8	10420.3	10233.1
45°	7928.6	7575.0	7957.7	8153.2	8456.9	8298.8	8502.6	10179.0	10445.3	10349.6
47.5°	8236.4	8369.5	8852.1	9446.9	9555.1	9035.1	8702.3	10224.8	10586.7	10574.2
50°	8556.7	9222.3	9900.3	10295.5	10432.8	9542.6	8889.5	10187.4	10773.9	10674.0
52.5°	8914.5	9962.7	10940.3	11427.0	11352.1	10104.2	9101.6	10491.0	11119.1	11085.9
55°	9139.1	10295.5	11610.0	12288.1	12229.8	10732.3	9775.5	10927.8	11572.6	11489.4
57.5°	9733.9	10836.3	12275.6	12591.7	12745.6	11555.9	10245.6	11643.3	11951.1	12042.6
60°	10224.8	11189.9	12450.3	12907.9	12961.9	12046.8	11069.2	12379.6	12433.6	12125.8
62.5°	10944.4	11327.1	12080.1	12491.9	12770.6	12325.5	11809.7	12774.7	12425.3	12404.5
65°	11472.7	10877.9	11389.5	11618.3	11797.2	11901.2	12554.3	13045.1	12271.4	11867.9
67.5°	11177.4	10029.3	9933.6	9946.1	10000.2	10628.3	12304.7	12383.7	11414.5	11081.7
70°	9837.9	8228.1	8099.1	8199.0	7928.6	8685.7	11293.9	11256.4	10070.9	9725.6
72.5°	7957.7	5998.4	5778.0	5915.2	5977.6	6780.5	9501.0	8535.9	7346.2	7075.8
75°	6322.9	4396.9	3710.5	4043.3	4255.5	4937.7	7421.1	5798.8	5129.0	4763.0
77.5°	4966.8	3327.8	2886.9	2753.8	2949.3	3589.9	5399.4	3045.0	2687.2	2516.7
80°	3149.0	2446.0	2654.0	2462.6	2545.8	2562.4	2812.0	1385.2	1102.3	1089.9
82.5°	1896.9	1672.2	1988.4	1094.0	1992.5	1780.4	1168.9	628.1	557.4	557.4
85°	1343.6	1035.8	686.4	445.1	886.0	977.6	453.4	324.5	282.9	274.5
87.5°	673.9	320.3	153.9	99.8	112.3	183.0	54.1	25.0	25.0	20.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)