

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: P599227

Luminaire Tested: **IFLD-S-SA2C-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: P599227  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA2C-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**

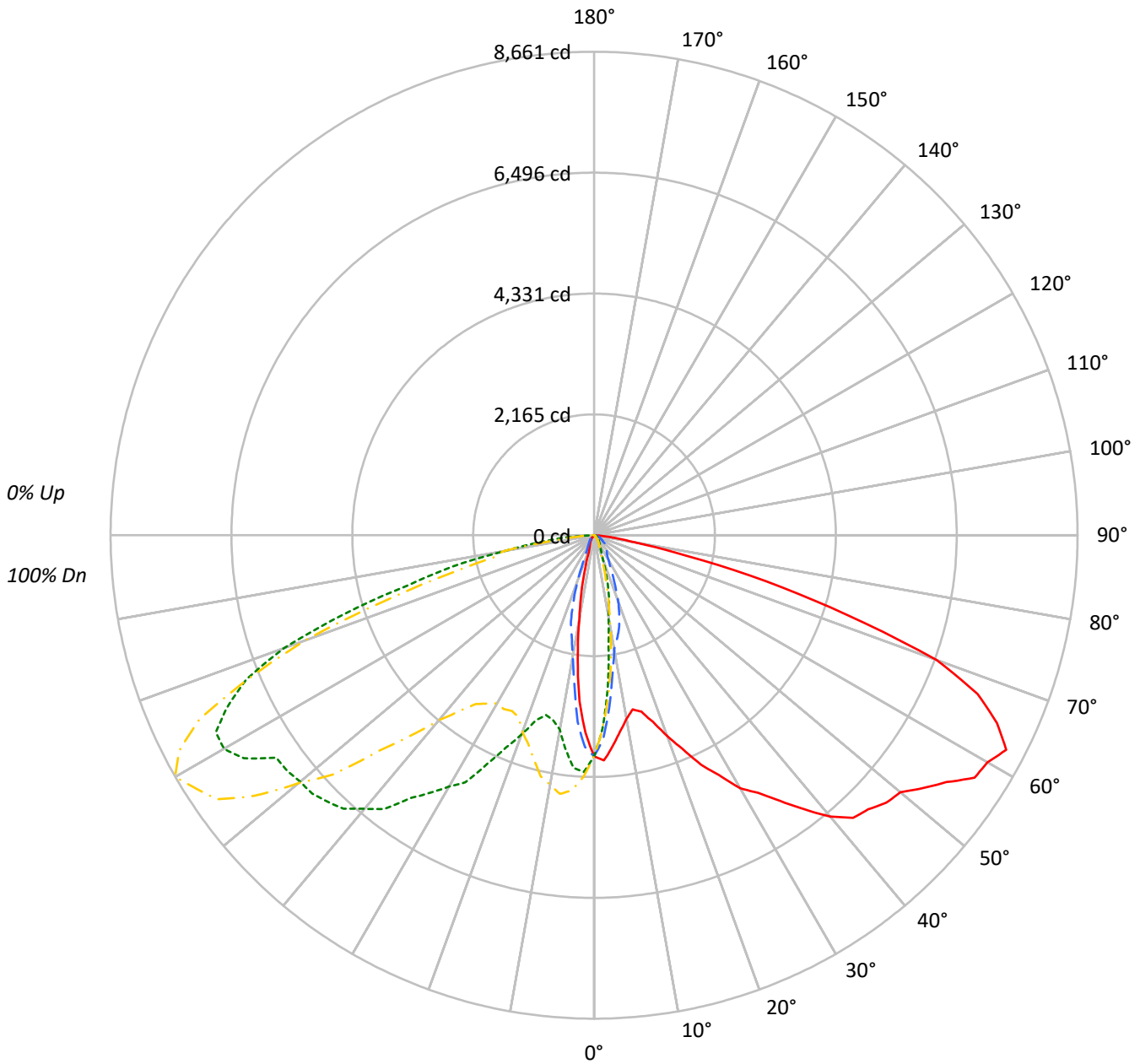
Lumens per Lamp: N/A  
 Luminaire Lumens: 10353.3 lumens  
 Efficiency: N/A  
 Efficacy: 95.7 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 108.2  
 Input Voltage (V): 120  
 Input Current (A<sub>in</sub>): 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	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°	85207	85207	85207	85207
5°	82034	59957	64543	90419
10°	73038	32643	33072	77310
15°	72911	21772	13312	74279
20°	87544	10871	5308	87031
25°	107674	6829	4112	107144
30°	130100	5481	3122	129268
35°	152656	4402	2420	151114
40°	184811	3766	1568	179710
45°	211431	3401	849	205567
50°	239879	3272	188	230062
55°	289358	3141	0	260863
60°	350327	2644	0	329535
65°	405654	2134	0	368688
70°	410767	1756	0	371768
75°	265834	1164	0	285106
80°	90662	347	0	201743
85°	45498	0	0	148227

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	299.8	2.9
10°-20°	580.6	5.6
20°-30°	808.6	7.8
30°-40°	1148.9	11.1
40°-50°	1593.2	15.4
50°-60°	2170.9	21.0
60°-70°	2386.7	23.1
70°-80°	1173.0	11.3
80°-90°	191.6	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°	1689.0	16.3
0°-40°	2837.9	27.4
0°-60°	6602.0	63.8
0°-90°	10353.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10353.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3958	3958	3958	3958	3958	
5°	3796	2774	2987	4184	3796	347
15°	3271	977	597	3333	3271	968
25°	4533	288	173	4511	4533	2108
35°	5809	168	92	5750	5809	3687
45°	6945	112	28	6752	6945	5383
55°	7710	84	0	6950	7710	6935
65°	7964	42	0	7238	7964	7696
75°	3196	14	0	3428	3196	3484
85°	184	0	0	600	184	255
90°	0	0	0	0	0	

TEST NUMBER: P599227  
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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0
2.5°	4039.0	4086.4	4041.8	3885.5	3857.6	3782.2	3667.7	3659.4	3539.3	3553.3	3489.1
5°	3796.1	3843.6	3748.7	3542.1	3349.5	3196.0	3103.9	2939.2	2902.9	2822.0	2822.0
7.5°	3547.7	3544.9	3383.0	3210.0	2922.5	2640.6	2512.2	2274.9	2135.3	2060.0	1987.4
10°	3341.2	3296.5	3196.0	2838.7	2526.1	2233.0	2073.9	1917.6	1772.5	1646.9	1521.2
12.5°	3196.0	3223.9	3064.8	2676.8	2272.1	2068.3	1898.1	1733.4	1560.3	1418.0	1278.4
15°	3271.4	3226.7	3039.7	2640.6	2230.2	1951.1	1725.0	1524.0	1331.4	1144.4	1038.4
17.5°	3505.9	3391.4	3170.9	2640.6	2143.7	1772.5	1498.9	1261.7	1055.1	887.6	756.4
20°	3821.3	3690.1	3452.8	2738.2	2079.5	1641.3	1267.2	968.6	753.6	597.3	496.8
22.5°	4145.1	4041.8	3684.5	2777.3	2004.1	1465.4	999.3	700.6	502.4	401.9	351.7
25°	4533.0	4387.9	3997.1	2933.6	1892.5	1295.2	787.1	488.5	374.0	321.0	290.3
27.5°	4842.9	4817.8	4290.2	3028.5	1808.8	1155.6	622.5	388.0	309.8	270.8	251.2
30°	5233.7	5096.9	4647.5	3218.4	1713.8	996.5	519.2	348.9	284.7	242.8	228.9
32.5°	5468.1	5403.9	4834.5	3324.4	1607.8	865.3	446.6	307.0	259.6	228.9	214.9
35°	5808.7	5680.3	5102.5	3391.4	1552.0	789.9	401.9	279.1	217.7	187.0	170.3
37.5°	6188.3	6140.8	5423.5	3388.6	1471.0	745.3	371.2	259.6	206.6	173.1	153.5
40°	6576.3	6383.7	5618.9	3466.8	1429.1	711.8	348.9	248.4	195.4	164.7	139.6
42.5°	6866.6	6646.0	5844.9	3438.9	1378.9	653.2	340.5	231.7	187.0	150.7	128.4
45°	6944.7	6866.6	6048.7	3430.5	1342.6	605.7	326.6	228.9	181.4	142.4	120.0
47.5°	7095.4	7042.4	6299.9	3444.4	1314.7	569.4	293.1	234.5	173.1	134.0	114.4
50°	7162.4	7067.5	6503.7	3477.9	1250.5	524.8	262.4	245.6	170.3	131.2	108.9
52.5°	7438.8	7355.0	6782.8	3572.8	1197.5	466.1	231.7	234.5	175.9	122.8	103.3
55°	7709.5	7614.6	7212.7	3790.6	1122.1	418.7	198.2	206.6	167.5	111.7	92.1
57.5°	8080.8	7924.5	7500.2	3879.9	1055.1	354.5	175.9	170.3	156.3	100.5	80.9
60°	8136.6	8200.8	7458.3	3824.1	985.3	312.6	153.5	131.2	167.5	89.3	69.8
62.5°	8323.6	8055.6	7262.9	3695.7	935.1	287.5	136.8	108.9	145.1	78.2	58.6
65°	7963.5	7765.4	6805.1	3282.5	870.9	290.3	120.0	89.3	92.1	64.2	47.5
67.5°	7436.0	7279.7	6045.9	2833.2	806.7	284.7	106.1	78.2	69.8	55.8	41.9
70°	6526.0	6188.3	5136.0	2300.0	711.8	265.2	89.3	69.8	58.6	44.7	30.7
72.5°	4748.0	4611.2	3684.5	1778.0	639.2	240.1	83.7	58.6	50.2	33.5	25.1
75°	3196.0	2969.9	2325.1	1166.8	513.6	209.3	69.8	53.0	39.1	25.1	19.5
77.5°	1688.7	1596.6	1317.5	555.5	284.7	97.7	39.1	30.7	22.3	19.5	11.2
80°	731.3	650.4	569.4	226.1	100.5	44.7	25.1	16.7	14.0	11.2	5.6
82.5°	374.0	357.3	295.9	97.7	58.6	33.5	14.0	11.2	8.4	5.6	2.8
85°	184.2	189.8	156.3	30.7	33.5	19.5	2.8	2.8	0.0	0.0	0.0
87.5°	14.0	14.0	11.2	5.6	8.4	2.8	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°	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0
2.5°	3464.0	3503.1	3436.1	3477.9	3458.4	3466.8	3475.1	3452.8	3458.4	3536.6	3539.3
5°	2774.5	2849.9	2822.0	2861.1	2928.1	2894.6	2925.3	2919.7	2925.3	2936.4	2986.7
7.5°	1979.0	1956.7	2009.7	2113.0	2233.0	2305.6	2269.3	2249.8	2238.6	2210.7	2244.2
10°	1493.3	1482.2	1468.2	1498.9	1577.1	1658.0	1702.7	1627.3	1585.4	1532.4	1512.9
12.5°	1239.3	1169.5	1130.5	1083.0	1105.3	1177.9	1180.7	1108.1	1041.1	1013.2	1043.9
15°	976.9	929.5	859.7	792.7	759.2	815.1	767.6	697.8	611.3	600.1	597.3
17.5°	697.8	669.9	619.7	591.8	552.7	538.7	488.5	382.4	321.0	304.2	309.8
20°	474.5	452.2	449.4	424.3	407.5	396.4	315.4	245.6	226.1	228.9	231.7
22.5°	351.7	340.5	326.6	323.8	309.8	295.9	231.7	206.6	192.6	192.6	201.0
25°	287.5	281.9	268.0	262.4	256.8	237.3	195.4	175.9	170.3	164.7	173.1
27.5°	245.6	242.8	234.5	226.1	220.5	201.0	170.3	153.5	147.9	147.9	147.9
30°	220.5	220.5	209.3	192.6	192.6	170.3	145.1	134.0	128.4	128.4	125.6
32.5°	206.6	201.0	187.0	175.9	167.5	145.1	128.4	117.2	108.9	108.9	111.7
35°	167.5	167.5	164.7	156.3	145.1	122.8	108.9	97.7	92.1	89.3	92.1
37.5°	147.9	139.6	128.4	131.2	125.6	106.1	92.1	83.7	75.4	75.4	75.4
40°	134.0	125.6	114.4	106.1	103.3	94.9	80.9	67.0	58.6	55.8	55.8
42.5°	120.0	114.4	97.7	83.7	80.9	80.9	61.4	50.2	41.9	41.9	41.9
45°	111.7	103.3	89.3	72.6	58.6	61.4	50.2	36.3	30.7	27.9	27.9
47.5°	106.1	97.7	78.2	61.4	44.7	44.7	36.3	25.1	19.5	16.7	16.7
50°	97.7	89.3	69.8	50.2	33.5	27.9	22.3	14.0	8.4	5.6	5.6
52.5°	92.1	83.7	61.4	41.9	27.9	19.5	14.0	2.8	0.0	0.0	0.0
55°	83.7	72.6	53.0	33.5	22.3	11.2	2.8	0.0	0.0	0.0	0.0
57.5°	72.6	64.2	41.9	25.1	14.0	2.8	0.0	0.0	0.0	0.0	0.0
60°	61.4	53.0	33.5	19.5	5.6	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	50.2	44.7	25.1	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	41.9	33.5	19.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	36.3	27.9	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	27.9	19.5	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	19.5	14.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	14.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	8.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.8	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°	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0
2.5°	3550.5	3634.3	3712.4	3734.7	3796.1	3966.4	3966.4	4047.4	4192.5	4245.5	4256.7
5°	2995.0	3084.4	3101.1	3274.2	3355.1	3528.2	3642.6	3916.2	4080.9	4184.1	4248.3
7.5°	2277.7	2308.4	2372.6	2534.5	2693.6	2902.9	3120.7	3469.6	3759.9	3877.1	4094.8
10°	1565.9	1658.0	1797.6	1942.7	2191.2	2422.8	2704.8	3034.1	3391.4	3536.6	3723.6
12.5°	1055.1	1183.5	1406.8	1613.4	1842.2	2076.7	2344.7	2785.7	3190.4	3391.4	3578.4
15°	616.9	773.2	965.8	1300.7	1605.0	1867.4	2135.3	2581.9	3073.2	3332.8	3561.7
17.5°	312.6	360.1	519.2	809.5	1211.4	1641.3	2040.4	2609.9	3162.5	3480.7	3670.5
20°	234.5	248.4	293.1	429.9	829.0	1356.6	1951.1	2651.7	3410.9	3798.9	3902.2
22.5°	203.8	214.9	234.5	279.1	466.1	1038.4	1825.5	2755.0	3748.7	4114.4	4332.1
25°	173.1	184.2	201.0	228.9	298.7	706.2	1672.0	2863.9	4050.2	4510.7	4714.5
27.5°	150.7	159.1	175.9	198.2	242.8	449.4	1406.8	3009.0	4510.7	4990.8	5043.8
30°	128.4	136.8	150.7	175.9	206.6	318.2	1032.8	3028.5	4764.7	5200.2	5348.1
32.5°	111.7	114.4	131.2	153.5	173.1	251.2	725.7	3048.1	4951.7	5470.9	5501.6
35°	92.1	97.7	114.4	128.4	150.7	198.2	549.9	2950.4	5194.6	5750.0	5741.7
37.5°	75.4	83.7	94.9	106.1	122.8	167.5	438.2	2769.0	5498.8	6182.7	5920.3
40°	58.6	67.0	78.2	92.1	103.3	150.7	329.4	2495.4	5817.0	6394.8	6115.7
42.5°	41.9	47.5	58.6	72.6	92.1	125.6	237.3	2171.6	5942.6	6643.3	6350.2
45°	30.7	36.3	44.7	61.4	94.9	100.5	164.7	1875.7	6076.6	6752.1	6297.1
47.5°	16.7	22.3	33.5	53.0	83.7	75.4	117.2	1610.6	6230.1	6849.8	6339.0
50°	5.6	8.4	19.5	55.8	67.0	58.6	92.1	1468.2	6380.9	6869.3	6422.7
52.5°	0.0	0.0	11.2	58.6	50.2	44.7	80.9	1412.4	6341.8	6930.8	6369.7
55°	0.0	0.0	2.8	25.1	27.9	33.5	67.0	1409.6	6618.1	6950.3	6660.0
57.5°	0.0	0.0	0.0	8.4	16.7	27.9	58.6	1320.3	6794.0	7436.0	7050.8
60°	0.0	0.0	0.0	2.8	11.2	19.5	44.7	1242.1	6972.6	7653.7	7469.5
62.5°	0.0	0.0	0.0	0.0	2.8	8.4	30.7	1122.1	6612.6	7637.0	7874.2
65°	0.0	0.0	0.0	0.0	0.0	0.0	19.5	887.6	5948.2	7237.8	7650.9
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	11.2	614.1	5208.5	6735.4	7240.6
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371.2	4203.7	5906.4	6140.8
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	159.1	3000.6	4689.4	5038.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.2	1856.2	3427.7	3857.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.1	1203.0	2595.9	2928.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	642.0	1627.3	1892.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	279.1	988.1	1138.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89.3	600.1	683.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.1	122.8
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: P599227  
 CATALOG NUMBER: IFLD-S-SA2C-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0	3958.0
2.5°	4262.3	4343.2	4373.9	4326.5	4332.1	4234.4	4220.4	4083.6	4027.8	4039.0
5°	4457.7	4574.9	4639.1	4586.1	4466.1	4279.0	4108.8	3946.9	3846.4	3796.1
7.5°	4413.0	4544.2	4625.2	4675.4	4538.6	4237.2	3977.6	3673.3	3544.9	3547.7
10°	4167.4	4440.9	4605.6	4541.4	4477.2	4175.8	3773.8	3444.4	3330.0	3341.2
12.5°	3969.2	4273.5	4371.2	4421.4	4290.2	4050.2	3779.4	3402.6	3274.2	3196.0
15°	3846.4	4072.5	4078.1	4156.2	4103.2	4103.2	3838.0	3469.6	3357.9	3271.4
17.5°	3846.4	3896.6	3891.0	3919.0	4008.3	4114.4	3986.0	3740.3	3519.8	3505.9
20°	3932.9	3776.6	3740.3	3751.5	3826.8	4142.3	4312.5	4005.5	3865.9	3821.3
22.5°	4133.9	3790.6	3570.1	3531.0	3762.7	4139.5	4521.9	4424.2	4181.3	4145.1
25°	4410.2	3765.4	3525.4	3475.1	3651.0	4240.0	4809.4	4828.9	4608.4	4533.0
27.5°	4672.6	3877.1	3519.8	3508.6	3740.3	4217.6	5007.6	5152.7	4904.3	4842.9
30°	4761.9	3988.7	3623.1	3475.1	3773.8	4298.6	5002.0	5381.6	5219.7	5233.7
32.5°	4868.0	4100.4	3634.3	3575.6	3916.2	4429.8	5161.1	5750.0	5632.8	5468.1
35°	5024.3	4251.1	3740.3	3687.3	4016.7	4547.0	5194.6	6020.8	6001.3	5808.7
37.5°	5158.3	4399.1	3960.8	3969.2	4323.7	4736.8	5342.5	6353.0	6319.5	6188.3
40°	5253.2	4605.6	4304.2	4326.5	4591.7	4948.9	5604.9	6520.4	6768.9	6576.3
42.5°	5267.2	4789.8	4697.7	4876.4	5124.8	5278.3	5711.0	6634.9	6992.2	6866.6
45°	5320.2	5082.9	5339.7	5470.9	5674.7	5568.6	5705.4	6830.3	7008.9	6944.7
47.5°	5526.7	5616.1	5939.9	6339.0	6411.6	6062.7	5839.4	6861.0	7103.8	7095.4
50°	5741.7	6188.3	6643.3	6908.4	7000.5	6403.2	5965.0	6835.9	7229.4	7162.4
52.5°	5981.7	6685.1	7341.1	7667.7	7617.4	6780.0	6107.3	7039.6	7461.1	7438.8
55°	6132.5	6908.4	7790.5	8245.5	8206.4	7201.5	6559.5	7332.7	7765.4	7709.5
57.5°	6531.6	7271.3	8237.1	8449.2	8552.5	7754.2	6874.9	7812.8	8019.4	8080.8
60°	6861.0	7508.6	8354.3	8661.4	8697.6	8083.6	7427.6	8306.9	8343.1	8136.6
62.5°	7343.9	7600.7	8105.9	8382.2	8569.2	8270.6	7924.5	8572.0	8337.6	8323.6
65°	7698.4	7299.2	7642.5	7796.1	7916.1	7985.9	8424.1	8753.5	8234.3	7963.5
67.5°	7500.2	6729.8	6665.6	6674.0	6710.2	7131.7	8256.6	8309.7	7659.3	7436.0
70°	6601.4	5521.2	5434.6	5501.6	5320.2	5828.2	7578.3	7553.2	6757.7	6526.0
72.5°	5339.7	4025.0	3877.1	3969.2	4011.1	4549.8	6375.3	5727.7	4929.4	4748.0
75°	4242.8	2950.4	2489.8	2713.1	2855.5	3313.3	4979.7	3891.0	3441.7	3196.0
77.5°	3332.8	2233.0	1937.2	1847.8	1979.0	2408.9	3623.1	2043.2	1803.2	1688.7
80°	2113.0	1641.3	1780.8	1652.4	1708.3	1719.4	1886.9	929.5	739.7	731.3
82.5°	1272.8	1122.1	1334.2	734.1	1337.0	1194.7	784.4	421.5	374.0	374.0
85°	901.6	695.0	460.6	298.7	594.5	656.0	304.2	217.7	189.8	184.2
87.5°	452.2	214.9	103.3	67.0	75.4	122.8	36.3	16.7	16.7	14.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)