

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: P599198

Luminaire Tested: **IFLD-S-SA2C-735-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: P599198  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA2C-735-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (32) 3500K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

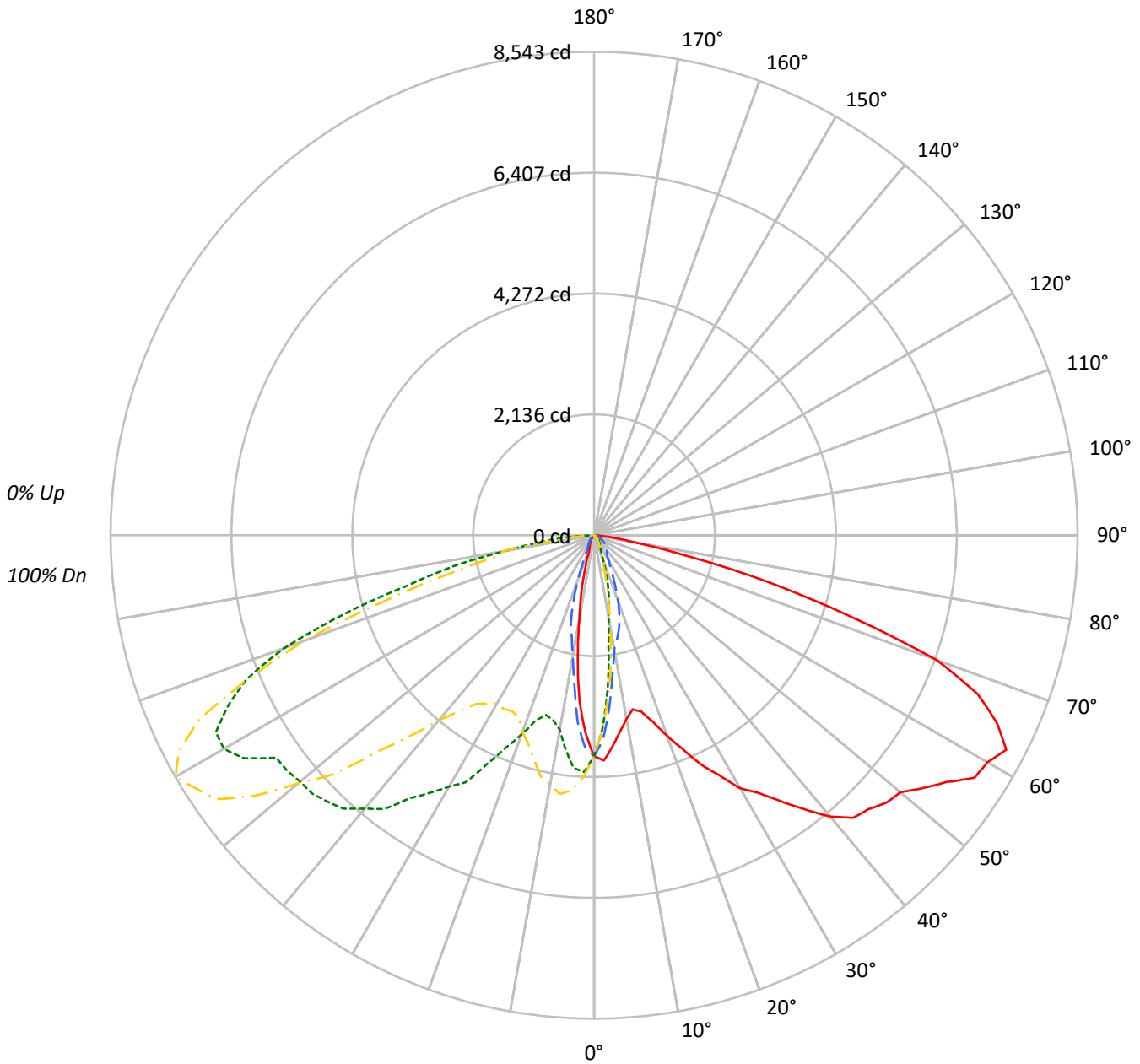
Lumens per Lamp: N/A  
 Luminaire Lumens: 10211.4 lumens  
 Efficiency: N/A  
 Efficacy: 94.4 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 108.2  
 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°

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

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	84040	84040	84040	84040
5°	80910	59136	63659	89180
10°	72037	32197	32617	76250
15°	71912	21476	13132	73260
20°	86343	10722	5235	85839
25°	106199	6736	4055	105676
30°	128318	5407	3080	127495
35°	150564	4342	2389	149045
40°	182279	3712	1548	177249
45°	208536	3352	837	202751
50°	236593	3229	184	226911
55°	285394	3100	0	257290
60°	345526	2609	0	325019
65°	400097	2104	0	363634
70°	405140	1731	0	366669
75°	262191	1148	0	281197
80°	89422	347	0	198978
85°	44881	0	0	146202

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	295.7	2.9
10°-20°	572.6	5.6
20°-30°	797.5	7.8
30°-40°	1133.2	11.1
40°-50°	1571.4	15.4
50°-60°	2141.1	21.0
60°-70°	2354.0	23.1
70°-80°	1157.0	11.3
80°-90°	188.9	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°	1665.9	16.3
0°-40°	2799.0	27.4
0°-60°	6511.5	63.8
0°-90°	10211.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10211.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3904	3904	3904	3904	3904	
5°	3744	2736	2946	4127	3744	343
15°	3227	964	589	3287	3227	955
25°	4471	284	171	4449	4471	2079
35°	5729	165	91	5671	5729	3637
45°	6850	110	28	6660	6850	5310
55°	7604	83	0	6855	7604	6840
65°	7854	41	0	7139	7854	7590
75°	3152	14	0	3381	3152	3437
85°	182	0	0	592	182	251
90°	0	0	0	0	0	

TEST NUMBER: P599198  
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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8
2.5°	3983.7	4030.5	3986.4	3832.2	3804.7	3730.4	3617.5	3609.2	3490.9	3504.6	3441.3
5°	3744.1	3790.9	3697.3	3493.6	3303.7	3152.2	3061.4	2899.0	2863.2	2783.3	2783.3
7.5°	3499.1	3496.4	3336.7	3166.0	2882.4	2604.4	2477.7	2243.7	2106.1	2031.7	1960.2
10°	3295.4	3251.3	3152.2	2799.8	2491.5	2202.4	2045.5	1891.3	1748.2	1624.3	1500.4
12.5°	3152.2	3179.8	3022.8	2640.2	2241.0	2040.0	1872.1	1709.6	1539.0	1398.5	1260.9
15°	3226.6	3182.5	2998.1	2604.4	2199.7	1924.4	1701.4	1503.2	1313.2	1128.7	1024.1
17.5°	3457.8	3344.9	3127.5	2604.4	2114.3	1748.2	1478.4	1244.4	1040.7	875.5	746.1
20°	3768.9	3639.5	3405.5	2700.7	2051.0	1618.8	1249.9	955.3	743.3	589.2	490.0
22.5°	4088.3	3986.4	3634.0	2739.3	1976.7	1445.3	985.6	691.0	495.5	396.4	346.9
25°	4470.9	4327.8	3942.4	2893.4	1866.6	1277.4	776.4	481.8	368.9	316.6	286.3
27.5°	4776.5	4751.8	4231.4	2987.1	1784.0	1139.8	613.9	382.7	305.6	267.0	247.8
30°	5162.0	5027.1	4583.8	3174.3	1690.4	982.8	512.1	344.1	280.8	239.5	225.7
32.5°	5393.2	5329.9	4768.3	3278.9	1585.8	853.4	440.5	302.8	256.0	225.7	212.0
35°	5729.1	5602.4	5032.6	3344.9	1530.7	779.1	396.4	275.3	214.7	184.5	167.9
37.5°	6103.5	6056.7	5349.2	3342.2	1450.9	735.1	366.2	256.0	203.7	170.7	151.4
40°	6486.2	6296.2	5541.9	3419.3	1409.6	702.0	344.1	245.0	192.7	162.4	137.7
42.5°	6772.5	6555.0	5764.9	3391.7	1360.0	644.2	335.9	228.5	184.5	148.7	126.6
45°	6849.6	6772.5	5965.8	3383.5	1324.2	597.4	322.1	225.7	178.9	140.4	118.4
47.5°	6998.2	6945.9	6213.6	3397.3	1296.7	561.6	289.1	231.3	170.7	132.1	112.9
50°	7064.3	6970.7	6414.6	3430.3	1233.4	517.6	258.8	242.3	167.9	129.4	107.4
52.5°	7336.9	7254.3	6689.9	3523.9	1181.1	459.8	228.5	231.3	173.4	121.1	101.9
55°	7603.9	7510.3	7113.9	3738.6	1106.7	413.0	195.5	203.7	165.2	110.1	90.9
57.5°	7970.1	7815.9	7397.4	3826.7	1040.7	349.6	173.4	167.9	154.2	99.1	79.8
60°	8025.1	8088.4	7356.1	3771.7	971.8	308.3	151.4	129.4	165.2	88.1	68.8
62.5°	8209.6	7945.3	7163.4	3645.0	922.3	283.6	134.9	107.4	143.2	77.1	57.8
65°	7854.4	7659.0	6711.9	3237.6	858.9	286.3	118.4	88.1	90.9	63.3	46.8
67.5°	7334.1	7179.9	5963.1	2794.3	795.6	280.8	104.6	77.1	68.8	55.1	41.3
70°	6436.6	6103.5	5065.6	2268.5	702.0	261.5	88.1	68.8	57.8	44.0	30.3
72.5°	4682.9	4548.0	3634.0	1753.7	630.4	236.8	82.6	57.8	49.6	33.0	24.8
75°	3152.2	2929.2	2293.3	1150.8	506.6	206.5	68.8	52.3	38.5	24.8	19.3
77.5°	1665.6	1574.7	1299.4	547.9	280.8	96.4	38.5	30.3	22.0	19.3	11.0
80°	721.3	641.5	561.6	223.0	99.1	44.0	24.8	16.5	13.8	11.0	5.5
82.5°	368.9	352.4	291.8	96.4	57.8	33.0	13.8	11.0	8.3	5.5	2.8
85°	181.7	187.2	154.2	30.3	33.0	19.3	2.8	2.8	0.0	0.0	0.0
87.5°	13.8	13.8	11.0	5.5	8.3	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°	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8
2.5°	3416.5	3455.1	3389.0	3430.3	3411.0	3419.3	3427.5	3405.5	3411.0	3488.1	3490.9
5°	2736.5	2810.9	2783.3	2821.9	2887.9	2854.9	2885.2	2879.7	2885.2	2896.2	2945.8
7.5°	1951.9	1929.9	1982.2	2084.1	2202.4	2274.0	2238.2	2219.0	2207.9	2180.4	2213.4
10°	1472.9	1461.9	1448.1	1478.4	1555.5	1635.3	1679.4	1605.0	1563.7	1511.4	1492.1
12.5°	1222.4	1153.5	1115.0	1068.2	1090.2	1161.8	1164.5	1093.0	1026.9	999.4	1029.6
15°	963.6	916.8	847.9	781.9	748.8	803.9	757.1	688.3	602.9	591.9	589.2
17.5°	688.3	660.7	611.2	583.6	545.1	531.3	481.8	377.2	316.6	300.1	305.6
20°	468.0	446.0	443.2	418.5	401.9	390.9	311.1	242.3	223.0	225.7	228.5
22.5°	346.9	335.9	322.1	319.4	305.6	291.8	228.5	203.7	190.0	190.0	198.2
25°	283.6	278.1	264.3	258.8	253.3	234.0	192.7	173.4	167.9	162.4	170.7
27.5°	242.3	239.5	231.3	223.0	217.5	198.2	167.9	151.4	145.9	145.9	145.9
30°	217.5	217.5	206.5	190.0	190.0	167.9	143.2	132.1	126.6	126.6	123.9
32.5°	203.7	198.2	184.5	173.4	165.2	143.2	126.6	115.6	107.4	107.4	110.1
35°	165.2	165.2	162.4	154.2	143.2	121.1	107.4	96.4	90.9	88.1	90.9
37.5°	145.9	137.7	126.6	129.4	123.9	104.6	90.9	82.6	74.3	74.3	74.3
40°	132.1	123.9	112.9	104.6	101.9	93.6	79.8	66.1	57.8	55.1	55.1
42.5°	118.4	112.9	96.4	82.6	79.8	79.8	60.6	49.6	41.3	41.3	41.3
45°	110.1	101.9	88.1	71.6	57.8	60.6	49.6	35.8	30.3	27.5	27.5
47.5°	104.6	96.4	77.1	60.6	44.0	44.0	35.8	24.8	19.3	16.5	16.5
50°	96.4	88.1	68.8	49.6	33.0	27.5	22.0	13.8	8.3	5.5	5.5
52.5°	90.9	82.6	60.6	41.3	27.5	19.3	13.8	2.8	0.0	0.0	0.0
55°	82.6	71.6	52.3	33.0	22.0	11.0	2.8	0.0	0.0	0.0	0.0
57.5°	71.6	63.3	41.3	24.8	13.8	2.8	0.0	0.0	0.0	0.0	0.0
60°	60.6	52.3	33.0	19.3	5.5	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	49.6	44.0	24.8	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	41.3	33.0	19.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	35.8	27.5	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	27.5	19.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	19.3	13.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	13.8	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	8.3	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°	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8
2.5°	3501.9	3584.5	3661.5	3683.6	3744.1	3912.1	3912.1	3991.9	4135.1	4187.4	4198.4
5°	2954.0	3042.1	3058.6	3229.3	3309.2	3479.8	3592.7	3862.5	4024.9	4126.8	4190.1
7.5°	2246.5	2276.8	2340.1	2499.8	2656.7	2863.2	3077.9	3422.0	3708.3	3824.0	4038.7
10°	1544.5	1635.3	1773.0	1916.1	2161.1	2389.6	2667.7	2992.6	3344.9	3488.1	3672.6
12.5°	1040.7	1167.3	1387.5	1591.3	1817.0	2048.3	2312.6	2747.5	3146.7	3344.9	3529.4
15°	608.4	762.6	952.6	1282.9	1583.0	1841.8	2106.1	2546.6	3031.1	3287.1	3512.9
17.5°	308.3	355.1	512.1	798.4	1194.8	1618.8	2012.5	2574.1	3119.2	3433.0	3620.3
20°	231.3	245.0	289.1	424.0	817.7	1338.0	1924.4	2615.4	3364.2	3746.9	3848.8
22.5°	201.0	212.0	231.3	275.3	459.8	1024.1	1800.5	2717.3	3697.3	4058.0	4272.7
25°	170.7	181.7	198.2	225.7	294.6	696.5	1649.1	2824.6	3994.7	4448.9	4649.9
27.5°	148.7	156.9	173.4	195.5	239.5	443.2	1387.5	2967.8	4448.9	4922.4	4974.7
30°	126.6	134.9	148.7	173.4	203.7	313.8	1018.6	2987.1	4699.4	5128.9	5274.8
32.5°	110.1	112.9	129.4	151.4	170.7	247.8	715.8	3006.3	4883.9	5396.0	5426.2
35°	90.9	96.4	112.9	126.6	148.7	195.5	542.3	2910.0	5123.4	5671.3	5663.0
37.5°	74.3	82.6	93.6	104.6	121.1	165.2	432.2	2731.0	5423.5	6098.0	5839.2
40°	57.8	66.1	77.1	90.9	101.9	148.7	324.9	2461.2	5737.3	6307.2	6031.9
42.5°	41.3	46.8	57.8	71.6	90.9	123.9	234.0	2141.9	5861.2	6552.2	6263.2
45°	30.3	35.8	44.0	60.6	93.6	99.1	162.4	1850.0	5993.4	6659.6	6210.9
47.5°	16.5	22.0	33.0	52.3	82.6	74.3	115.6	1588.5	6144.8	6756.0	6252.2
50°	5.5	8.3	19.3	55.1	66.1	57.8	90.9	1448.1	6293.5	6775.2	6334.8
52.5°	0.0	0.0	11.0	57.8	49.6	44.0	79.8	1393.0	6254.9	6835.8	6282.4
55°	0.0	0.0	2.8	24.8	27.5	33.0	66.1	1390.3	6527.5	6855.1	6568.8
57.5°	0.0	0.0	0.0	8.3	16.5	27.5	57.8	1302.2	6700.9	7334.1	6954.2
60°	0.0	0.0	0.0	2.8	11.0	19.3	44.0	1225.1	6877.1	7548.8	7367.1
62.5°	0.0	0.0	0.0	0.0	2.8	8.3	30.3	1106.7	6522.0	7532.3	7766.3
65°	0.0	0.0	0.0	0.0	0.0	0.0	19.3	875.5	5866.7	7138.6	7546.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	11.0	605.7	5137.2	6643.1	7141.4
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	366.2	4146.1	5825.4	6056.7
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	156.9	2959.5	4625.1	4969.2
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.3	1830.8	3380.7	3804.7
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.8	1186.6	2560.3	2887.9
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	633.2	1605.0	1866.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	275.3	974.6	1123.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.1	591.9	674.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.9	121.1
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: P599198  
 CATALOG NUMBER: IFLD-S-SA2C-735-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8	3903.8
2.5°	4203.9	4283.7	4314.0	4267.2	4272.7	4176.4	4162.6	4027.7	3972.6	3983.7
5°	4396.6	4512.2	4575.6	4523.2	4404.9	4220.4	4052.5	3892.8	3793.7	3744.1
7.5°	4352.6	4482.0	4561.8	4611.3	4476.4	4179.1	3923.1	3623.0	3496.4	3499.1
10°	4110.3	4380.1	4542.5	4479.2	4415.9	4118.6	3722.1	3397.3	3284.4	3295.4
12.5°	3914.8	4214.9	4311.3	4360.8	4231.4	3994.7	3727.6	3356.0	3229.3	3152.2
15°	3793.7	4016.7	4022.2	4099.3	4047.0	4047.0	3785.4	3422.0	3311.9	3226.6
17.5°	3793.7	3843.2	3837.7	3865.3	3953.4	4058.0	3931.3	3689.1	3471.6	3457.8
20°	3879.0	3724.9	3689.1	3700.1	3774.4	4085.5	4253.5	3950.6	3813.0	3768.9
22.5°	4077.3	3738.6	3521.1	3482.6	3711.1	4082.8	4459.9	4363.6	4124.1	4088.3
25°	4349.8	3713.9	3477.1	3427.5	3601.0	4181.9	4743.5	4762.8	4545.3	4470.9
27.5°	4608.6	3824.0	3471.6	3460.6	3689.1	4159.8	4939.0	5082.1	4837.1	4776.5
30°	4696.7	3934.1	3573.4	3427.5	3722.1	4239.7	4933.5	5307.9	5148.2	5162.0
32.5°	4801.3	4044.2	3584.5	3526.6	3862.5	4369.1	5090.4	5671.3	5555.6	5393.2
35°	4955.5	4192.9	3689.1	3636.8	3961.6	4484.7	5123.4	5938.3	5919.0	5729.1
37.5°	5087.6	4338.8	3906.6	3914.8	4264.5	4671.9	5269.3	6265.9	6232.9	6103.5
40°	5181.2	4542.5	4245.2	4267.2	4528.8	4881.1	5528.1	6431.1	6676.1	6486.2
42.5°	5195.0	4724.2	4633.4	4809.6	5054.6	5206.0	5632.7	6544.0	6896.4	6772.5
45°	5247.3	5013.3	5266.6	5396.0	5596.9	5492.3	5627.2	6736.7	6912.9	6849.6
47.5°	5451.0	5539.1	5858.5	6252.2	6323.7	5979.6	5759.4	6767.0	7006.5	6998.2
50°	5663.0	6103.5	6552.2	6813.8	6904.6	6315.5	5883.3	6742.2	7130.4	7064.3
52.5°	5899.8	6593.5	7240.5	7562.6	7513.1	6687.1	6023.7	6943.2	7358.9	7336.9
55°	6048.4	6813.8	7683.7	8132.5	8093.9	7102.9	6469.7	7232.2	7659.0	7603.9
57.5°	6442.1	7171.7	8124.2	8333.5	8435.3	7648.0	6780.7	7705.8	7909.5	7970.1
60°	6767.0	7405.7	8239.9	8542.7	8578.5	7972.8	7325.8	8193.1	8228.8	8025.1
62.5°	7243.3	7496.5	7994.8	8267.4	8451.8	8157.3	7815.9	8454.6	8223.3	8209.6
65°	7592.9	7199.2	7537.8	7689.2	7807.6	7876.5	8308.7	8633.5	8121.5	7854.4
67.5°	7397.4	6637.6	6574.3	6582.5	6618.3	7034.0	8143.5	8195.8	7554.4	7334.1
70°	6510.9	5445.5	5360.2	5426.2	5247.3	5748.4	7474.5	7449.7	6665.1	6436.6
72.5°	5266.6	3969.9	3824.0	3914.8	3956.1	4487.5	6288.0	5649.2	4861.9	4682.9
75°	4184.6	2910.0	2455.7	2676.0	2816.4	3267.9	4911.4	3837.7	3394.5	3152.2
77.5°	3287.1	2202.4	1910.6	1822.5	1951.9	2375.9	3573.4	2015.2	1778.5	1665.6
80°	2084.1	1618.8	1756.4	1629.8	1684.9	1695.9	1861.1	916.8	729.6	721.3
82.5°	1255.4	1106.7	1316.0	724.1	1318.7	1178.3	773.6	415.7	368.9	368.9
85°	889.2	685.5	454.3	294.6	586.4	647.0	300.1	214.7	187.2	181.7
87.5°	446.0	212.0	101.9	66.1	74.3	121.1	35.8	16.5	16.5	13.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)