

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: P599169

Luminaire Tested: **IFLD-S-SA2C-730-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: P599169
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2C-730-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (32) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

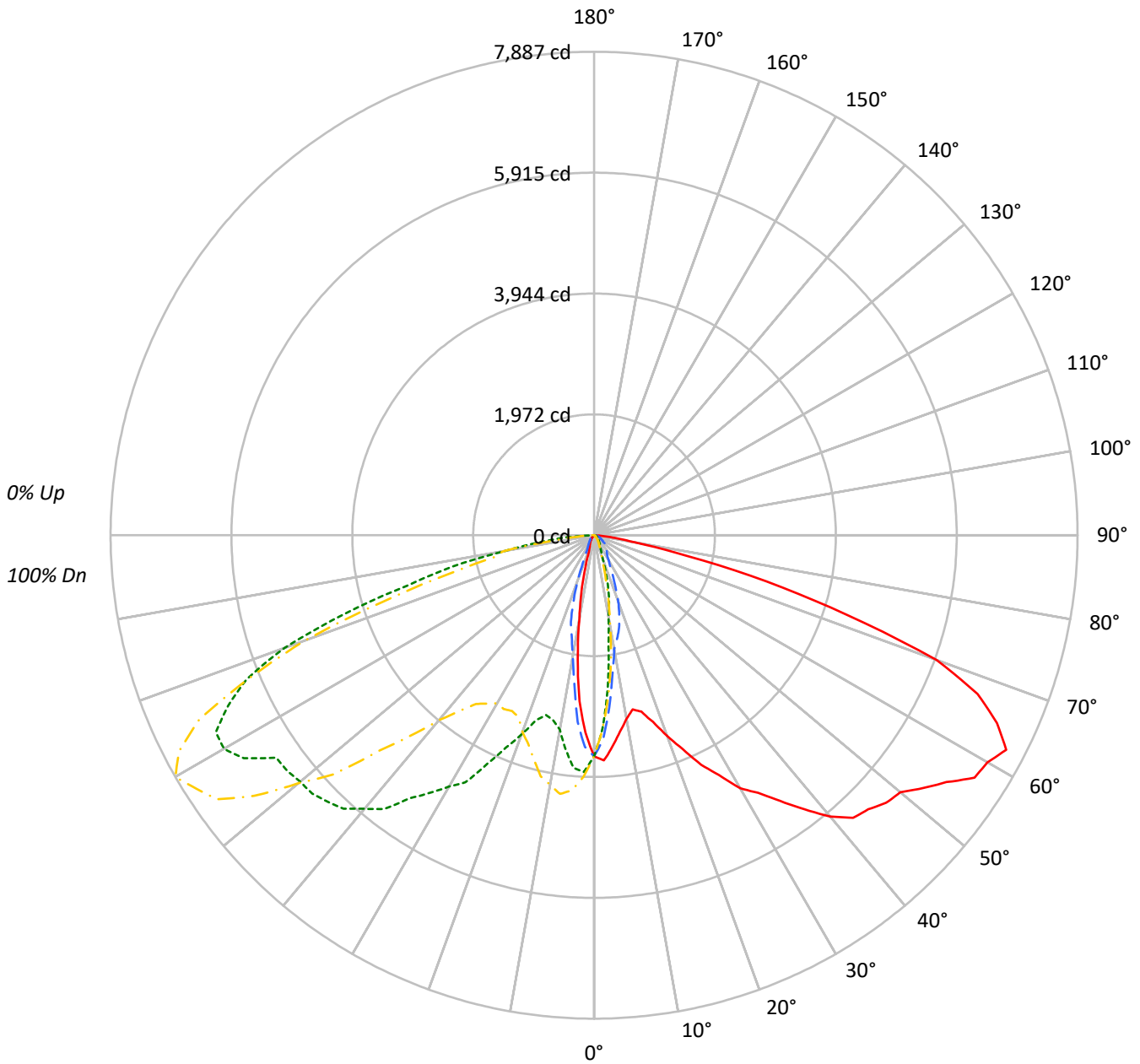
Lumens per Lamp: N/A
 Luminaire Lumens: 9427.7 lumens
 Efficiency: N/A
 Efficacy: 87.1 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

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

TEST NUMBER: P599169
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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°	77591	77591	77591	77591
5°	74702	54598	58773	82337
10°	66509	29725	30114	70398
15°	66391	19827	12122	67637
20°	79716	9899	4834	79251
25°	98049	6219	3744	97567
30°	118469	4992	2844	117711
35°	139009	4008	2205	137605
40°	168287	3429	1428	163644
45°	192531	3096	773	187191
50°	218434	2981	171	209495
55°	263490	2864	0	237540
60°	319008	2407	0	300076
65°	369391	1941	0	335725
70°	374046	1599	0	338527
75°	242070	1056	0	259621
80°	82554	310	0	183704
85°	41447	0	0	134988

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	273.0	2.9
10°-20°	528.7	5.6
20°-30°	736.3	7.8
30°-40°	1046.2	11.1
40°-50°	1450.8	15.4
50°-60°	1976.8	21.0
60°-70°	2173.3	23.1
70°-80°	1068.2	11.3
80°-90°	174.4	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°	1538.0	16.3
0°-40°	2584.2	27.4
0°-60°	6011.8	63.8
0°-90°	9427.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9427.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3604	3604	3604	3604	3604	
5°	3457	2526	2720	3810	3457	316
15°	2979	890	544	3035	2979	882
25°	4128	262	158	4108	4128	1919
35°	5289	152	84	5236	5289	3358
45°	6324	102	25	6148	6324	4902
55°	7020	76	0	6329	7020	6315
65°	7252	38	0	6591	7252	7008
75°	2910	13	0	3121	2910	3173
85°	168	0	0	546	168	232
90°	0	0	0	0	0	

TEST NUMBER: P599169
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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2
2.5°	3677.9	3721.1	3680.4	3538.1	3512.7	3444.1	3339.9	3332.2	3222.9	3235.6	3177.2
5°	3456.8	3500.0	3413.6	3225.5	3050.1	2910.3	2826.4	2676.5	2643.4	2569.7	2569.7
7.5°	3230.6	3228.0	3080.6	2923.0	2661.2	2404.5	2287.6	2071.5	1944.4	1875.8	1809.7
10°	3042.5	3001.8	2910.3	2585.0	2300.3	2033.4	1888.5	1746.2	1614.0	1499.6	1385.2
12.5°	2910.3	2935.7	2790.8	2437.5	2069.0	1883.4	1728.4	1578.4	1420.8	1291.2	1164.1
15°	2978.9	2938.3	2768.0	2404.5	2030.9	1776.7	1570.8	1387.8	1212.4	1042.1	945.5
17.5°	3192.4	3088.2	2887.4	2404.5	1952.1	1614.0	1364.9	1148.9	960.8	808.3	688.8
20°	3479.6	3360.2	3144.1	2493.4	1893.6	1494.5	1154.0	882.0	686.3	543.9	452.4
22.5°	3774.5	3680.4	3355.1	2529.0	1825.0	1334.4	909.9	638.0	457.5	366.0	320.3
25°	4127.8	3995.6	3639.8	2671.4	1723.3	1179.4	716.8	444.8	340.6	292.3	264.3
27.5°	4409.9	4387.0	3906.7	2757.8	1647.0	1052.3	566.8	353.3	282.1	246.5	228.8
30°	4765.8	4641.2	4232.0	2930.6	1560.6	907.4	472.8	317.7	259.3	221.1	208.4
32.5°	4979.3	4920.8	4402.3	3027.2	1464.0	787.9	406.7	279.6	236.4	208.4	195.7
35°	5289.4	5172.4	4646.3	3088.2	1413.2	719.3	366.0	254.2	198.3	170.3	155.0
37.5°	5635.0	5591.8	4938.6	3085.7	1339.5	678.6	338.1	236.4	188.1	157.6	139.8
40°	5988.3	5813.0	5116.5	3156.8	1301.4	648.1	317.7	226.2	177.9	150.0	127.1
42.5°	6252.7	6051.9	5322.4	3131.4	1255.6	594.8	310.1	211.0	170.3	137.3	116.9
45°	6323.9	6252.7	5508.0	3123.8	1222.6	551.6	297.4	208.4	165.2	129.6	109.3
47.5°	6461.1	6412.8	5736.7	3136.5	1197.2	518.5	266.9	213.5	157.6	122.0	104.2
50°	6522.1	6435.7	5922.3	3167.0	1138.7	477.8	238.9	223.7	155.0	119.5	99.1
52.5°	6773.7	6697.5	6176.4	3253.4	1090.4	424.5	211.0	213.5	160.1	111.8	94.0
55°	7020.3	6933.9	6567.9	3451.7	1021.8	381.3	180.5	188.1	152.5	101.7	83.9
57.5°	7358.3	7216.0	6829.7	3533.0	960.8	322.8	160.1	155.0	142.3	91.5	73.7
60°	7409.2	7467.6	6791.5	3482.2	897.2	284.7	139.8	119.5	152.5	81.3	63.5
62.5°	7579.5	7335.5	6613.6	3365.3	851.5	261.8	124.5	99.1	132.2	71.2	53.4
65°	7251.6	7071.1	6196.8	2989.1	793.0	264.3	109.3	81.3	83.9	58.5	43.2
67.5°	6771.2	6628.9	5505.4	2579.9	734.6	259.3	96.6	71.2	63.5	50.8	38.1
70°	5942.6	5635.0	4676.8	2094.4	648.1	241.5	81.3	63.5	53.4	40.7	28.0
72.5°	4323.5	4199.0	3355.1	1619.1	582.1	218.6	76.3	53.4	45.8	30.5	22.9
75°	2910.3	2704.4	2117.3	1062.4	467.7	190.6	63.5	48.3	35.6	22.9	17.8
77.5°	1537.8	1453.9	1199.7	505.8	259.3	89.0	35.6	28.0	20.3	17.8	10.2
80°	665.9	592.2	518.5	205.9	91.5	40.7	22.9	15.3	12.7	10.2	5.1
82.5°	340.6	325.3	269.4	89.0	53.4	30.5	12.7	10.2	7.6	5.1	2.5
85°	167.8	172.8	142.3	28.0	30.5	17.8	2.5	2.5	0.0	0.0	0.0
87.5°	12.7	12.7	10.2	5.1	7.6	2.5	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°	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2
2.5°	3154.3	3189.9	3128.9	3167.0	3149.2	3156.8	3164.5	3144.1	3149.2	3220.4	3222.9
5°	2526.5	2595.1	2569.7	2605.3	2666.3	2635.8	2663.7	2658.7	2663.7	2673.9	2719.7
7.5°	1802.1	1781.8	1830.1	1924.1	2033.4	2099.5	2066.4	2048.6	2038.5	2013.1	2043.6
10°	1359.8	1349.7	1337.0	1364.9	1436.1	1509.8	1550.5	1481.8	1443.7	1395.4	1377.6
12.5°	1128.5	1065.0	1029.4	986.2	1006.5	1072.6	1075.2	1009.1	948.1	922.7	950.6
15°	889.6	846.4	782.9	721.9	691.4	742.2	699.0	635.4	556.6	546.5	543.9
17.5°	635.4	610.0	564.3	538.8	503.3	490.6	444.8	348.2	292.3	277.0	282.1
20°	432.1	411.8	409.2	386.3	371.1	360.9	287.2	223.7	205.9	208.4	211.0
22.5°	320.3	310.1	297.4	294.8	282.1	269.4	211.0	188.1	175.4	175.4	183.0
25°	261.8	256.7	244.0	238.9	233.8	216.0	177.9	160.1	155.0	150.0	157.6
27.5°	223.7	221.1	213.5	205.9	200.8	183.0	155.0	139.8	134.7	134.7	134.7
30°	200.8	200.8	190.6	175.4	175.4	155.0	132.2	122.0	116.9	116.9	114.4
32.5°	188.1	183.0	170.3	160.1	152.5	132.2	116.9	106.8	99.1	99.1	101.7
35°	152.5	152.5	150.0	142.3	132.2	111.8	99.1	89.0	83.9	81.3	83.9
37.5°	134.7	127.1	116.9	119.5	114.4	96.6	83.9	76.3	68.6	68.6	68.6
40°	122.0	114.4	104.2	96.6	94.0	86.4	73.7	61.0	53.4	50.8	50.8
42.5°	109.3	104.2	89.0	76.3	73.7	73.7	55.9	45.8	38.1	38.1	38.1
45°	101.7	94.0	81.3	66.1	53.4	55.9	45.8	33.0	28.0	25.4	25.4
47.5°	96.6	89.0	71.2	55.9	40.7	40.7	33.0	22.9	17.8	15.3	15.3
50°	89.0	81.3	63.5	45.8	30.5	25.4	20.3	12.7	7.6	5.1	5.1
52.5°	83.9	76.3	55.9	38.1	25.4	17.8	12.7	2.5	0.0	0.0	0.0
55°	76.3	66.1	48.3	30.5	20.3	10.2	2.5	0.0	0.0	0.0	0.0
57.5°	66.1	58.5	38.1	22.9	12.7	2.5	0.0	0.0	0.0	0.0	0.0
60°	55.9	48.3	30.5	17.8	5.1	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	45.8	40.7	22.9	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	38.1	30.5	17.8	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	33.0	25.4	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	25.4	17.8	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	17.8	12.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	12.7	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	7.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.5	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°	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2
2.5°	3233.1	3309.3	3380.5	3400.9	3456.8	3611.8	3611.8	3685.5	3817.7	3866.0	3876.2
5°	2727.3	2808.6	2823.9	2981.5	3055.2	3212.8	3317.0	3566.1	3716.0	3810.1	3868.5
7.5°	2074.1	2102.0	2160.5	2307.9	2452.8	2643.4	2841.7	3159.4	3423.7	3530.5	3728.7
10°	1425.9	1509.8	1636.9	1769.1	1995.3	2206.2	2462.9	2762.9	3088.2	3220.4	3390.7
12.5°	960.8	1077.7	1281.0	1469.1	1677.6	1891.1	2135.1	2536.7	2905.2	3088.2	3258.5
15°	561.7	704.1	879.4	1184.5	1461.5	1700.4	1944.4	2351.1	2798.5	3034.8	3243.3
17.5°	284.7	327.9	472.8	737.1	1103.1	1494.5	1858.0	2376.5	2879.8	3169.6	3342.4
20°	213.5	226.2	266.9	391.4	754.9	1235.3	1776.7	2414.7	3106.0	3459.3	3553.4
22.5°	185.5	195.7	213.5	254.2	424.5	945.5	1662.3	2508.7	3413.6	3746.5	3944.8
25°	157.6	167.8	183.0	208.4	272.0	643.1	1522.5	2607.8	3688.1	4107.5	4293.0
27.5°	137.3	144.9	160.1	180.5	221.1	409.2	1281.0	2740.0	4107.5	4544.6	4592.9
30°	116.9	124.5	137.3	160.1	188.1	289.8	940.4	2757.8	4338.8	4735.3	4870.0
32.5°	101.7	104.2	119.5	139.8	157.6	228.8	660.9	2775.6	4509.1	4981.8	5009.8
35°	83.9	89.0	104.2	116.9	137.3	180.5	500.7	2686.6	4730.2	5236.0	5228.4
37.5°	68.6	76.3	86.4	96.6	111.8	152.5	399.1	2521.4	5007.2	5630.0	5391.0
40°	53.4	61.0	71.2	83.9	94.0	137.3	299.9	2272.3	5297.0	5823.1	5569.0
42.5°	38.1	43.2	53.4	66.1	83.9	114.4	216.0	1977.5	5411.4	6049.3	5782.5
45°	28.0	33.0	40.7	55.9	86.4	91.5	150.0	1708.1	5533.4	6148.5	5734.2
47.5°	15.3	20.3	30.5	48.3	76.3	68.6	106.8	1466.6	5673.2	6237.4	5772.3
50°	5.1	7.6	17.8	50.8	61.0	53.4	83.9	1337.0	5810.4	6255.2	5848.6
52.5°	0.0	0.0	10.2	53.4	45.8	40.7	73.7	1286.1	5774.8	6311.1	5800.3
55°	0.0	0.0	2.5	22.9	25.4	30.5	61.0	1283.6	6026.5	6328.9	6064.6
57.5°	0.0	0.0	0.0	7.6	15.3	25.4	53.4	1202.2	6186.6	6771.2	6420.4
60°	0.0	0.0	0.0	2.5	10.2	17.8	40.7	1131.1	6349.3	6969.5	6801.7
62.5°	0.0	0.0	0.0	0.0	2.5	7.6	28.0	1021.8	6021.4	6954.2	7170.3
65°	0.0	0.0	0.0	0.0	0.0	0.0	17.8	808.3	5416.5	6590.7	6966.9
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	10.2	559.2	4742.9	6133.2	6593.3
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	338.1	3827.9	5378.3	5591.8
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.9	2732.4	4270.1	4587.8
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.5	1690.3	3121.3	3512.7
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.9	1095.5	2363.8	2666.3
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	584.6	1481.8	1723.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	254.2	899.8	1037.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.3	546.5	622.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83.9	111.8
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: P599169
 CATALOG NUMBER: IFLD-S-SA2C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2	3604.2
2.5°	3881.2	3955.0	3982.9	3939.7	3944.8	3855.8	3843.1	3718.6	3667.7	3677.9
5°	4059.2	4165.9	4224.4	4176.1	4066.8	3896.5	3741.4	3594.0	3502.5	3456.8
7.5°	4018.5	4138.0	4211.7	4257.4	4132.9	3858.4	3622.0	3344.9	3228.0	3230.6
10°	3794.8	4043.9	4193.9	4135.4	4077.0	3802.4	3436.4	3136.5	3032.3	3042.5
12.5°	3614.4	3891.4	3980.4	4026.1	3906.7	3688.1	3441.5	3098.4	2981.5	2910.3
15°	3502.5	3708.4	3713.5	3784.7	3736.4	3736.4	3494.9	3159.4	3057.7	2978.9
17.5°	3502.5	3548.3	3543.2	3568.6	3649.9	3746.5	3629.6	3405.9	3205.1	3192.4
20°	3581.3	3439.0	3405.9	3416.1	3484.7	3771.9	3927.0	3647.4	3520.3	3479.6
22.5°	3764.3	3451.7	3250.9	3215.3	3426.3	3769.4	4117.6	4028.7	3807.5	3774.5
25°	4016.0	3428.8	3210.2	3164.5	3324.6	3860.9	4379.4	4397.2	4196.4	4127.8
27.5°	4254.9	3530.5	3205.1	3195.0	3405.9	3840.6	4559.9	4692.1	4465.8	4409.9
30°	4336.2	3632.2	3299.2	3164.5	3436.4	3914.3	4554.8	4900.5	4753.1	4765.8
32.5°	4432.8	3733.8	3309.3	3256.0	3566.1	4033.7	4699.7	5236.0	5129.2	4979.3
35°	4575.1	3871.1	3405.9	3357.6	3657.6	4140.5	4730.2	5482.5	5464.7	5289.4
37.5°	4697.1	4005.8	3606.7	3614.4	3937.2	4313.3	4864.9	5785.0	5754.5	5635.0
40°	4783.6	4193.9	3919.4	3939.7	4181.2	4506.5	5103.8	5937.5	6163.7	5988.3
42.5°	4796.3	4361.6	4277.8	4440.4	4666.6	4806.4	5200.4	6041.7	6367.1	6252.7
45°	4844.6	4628.5	4862.4	4981.8	5167.4	5070.8	5195.3	6219.6	6382.3	6323.9
47.5°	5032.7	5114.0	5408.8	5772.3	5838.4	5520.7	5317.3	6247.6	6468.7	6461.1
50°	5228.4	5635.0	6049.3	6290.8	6374.7	5830.8	5431.7	6224.7	6583.1	6522.1
52.5°	5447.0	6087.5	6684.8	6982.2	6936.4	6173.9	5561.3	6410.3	6794.1	6773.7
55°	5584.2	6290.8	7094.0	7508.3	7472.7	6557.7	5973.1	6677.2	7071.1	7020.3
57.5°	5947.7	6621.2	7500.7	7693.9	7787.9	7061.0	6260.3	7114.3	7302.4	7358.3
60°	6247.6	6837.3	7607.4	7887.0	7920.1	7360.9	6763.6	7564.2	7597.3	7409.2
62.5°	6687.3	6921.2	7381.2	7632.9	7803.2	7531.2	7216.0	7805.7	7592.2	7579.5
65°	7010.1	6646.7	6959.3	7099.1	7208.4	7271.9	7671.0	7970.9	7498.1	7251.6
67.5°	6829.7	6128.1	6069.7	6077.3	6110.3	6494.2	7518.5	7566.8	6974.5	6771.2
70°	6011.2	5027.6	4948.8	5009.8	4844.6	5307.2	6900.8	6878.0	6153.6	5942.6
72.5°	4862.4	3665.2	3530.5	3614.4	3652.5	4143.0	5805.3	5215.7	4488.7	4323.5
75°	3863.4	2686.6	2267.2	2470.6	2600.2	3017.0	4534.5	3543.2	3134.0	2910.3
77.5°	3034.8	2033.4	1764.0	1682.6	1802.1	2193.5	3299.2	1860.6	1642.0	1537.8
80°	1924.1	1494.5	1621.6	1504.7	1555.5	1565.7	1718.2	846.4	673.6	665.9
82.5°	1159.0	1021.8	1215.0	668.5	1217.5	1087.9	714.2	383.8	340.6	340.6
85°	821.0	632.9	419.4	272.0	541.4	597.3	277.0	198.3	172.8	167.8
87.5°	411.8	195.7	94.0	61.0	68.6	111.8	33.0	15.3	15.3	12.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)