

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: P599341

Luminaire Tested: **IFLD-S-SA2A-830-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: P599341
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2A-830-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (32) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

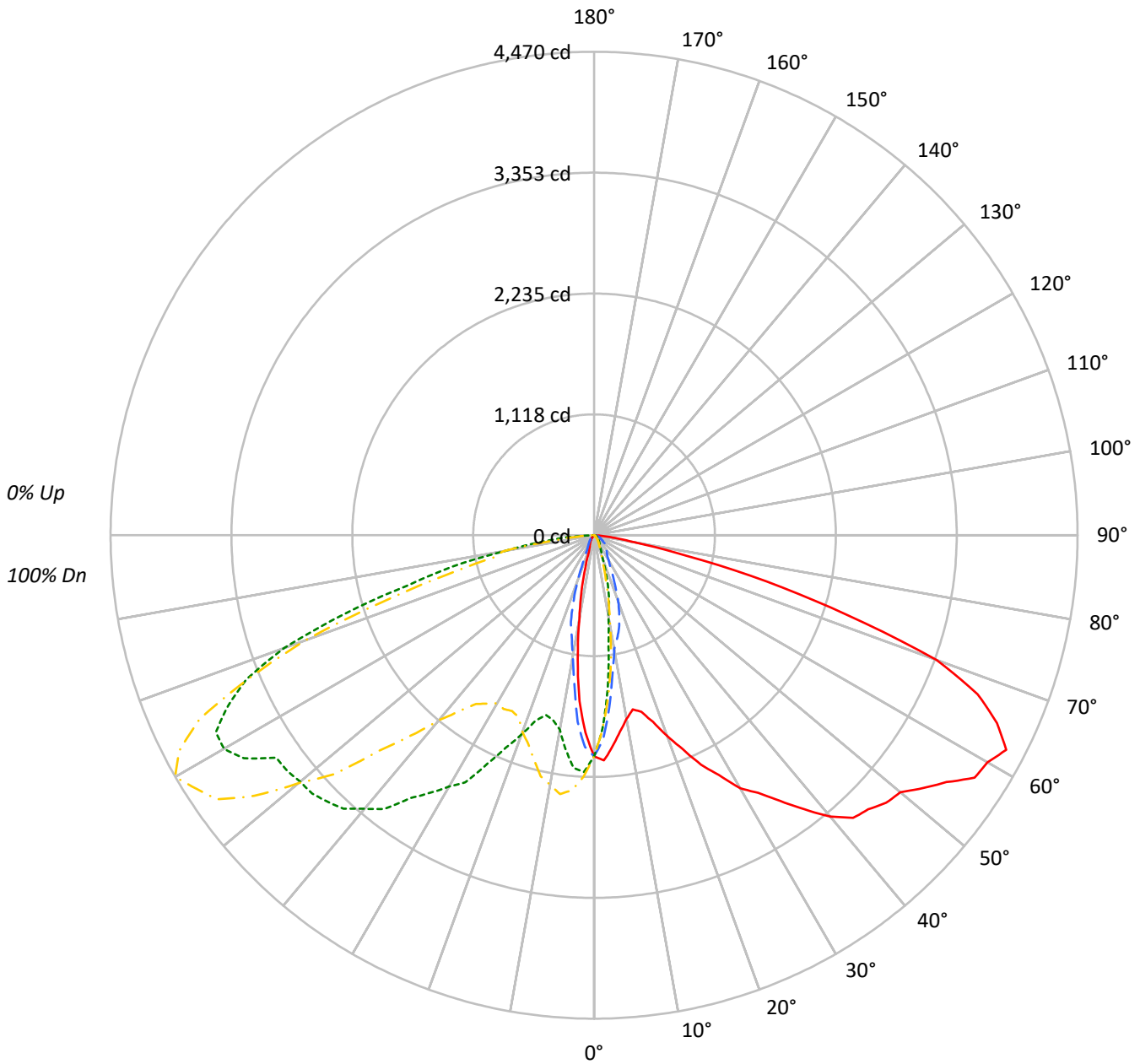
Lumens per Lamp: N/A
 Luminaire Lumens: 5343.6 lumens
 Efficiency: N/A
 Efficacy: 83.8 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 63.8
 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



— 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°	43979	43979	43979	43979
5°	42341	30946	33312	46667
10°	37697	16850	17068	39901
15°	37632	11237	6871	38336
20°	45184	5611	2740	44919
25°	55573	3525	2121	55300
30°	67147	2829	1611	66717
35°	78789	2271	1248	77996
40°	95386	1945	809	92753
45°	109127	1754	438	106098
50°	123808	1688	97	118744
55°	149346	1621	0	134637
60°	180812	1365	0	170083
65°	209370	1100	0	190288
70°	212011	906	0	191876
75°	137209	599	0	147149
80°	46800	174	0	104126
85°	23490	0	0	76497

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.7	2.9
10°-20°	299.6	5.6
20°-30°	417.3	7.8
30°-40°	593.0	11.1
40°-50°	822.3	15.4
50°-60°	1120.4	21.0
60°-70°	1231.8	23.1
70°-80°	605.4	11.3
80°-90°	98.9	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°	871.7	16.3
0°-40°	1464.7	27.4
0°-60°	3407.5	63.8
0°-90°	5343.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5343.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2043	2043	2043	2043	2043	
5°	1959	1432	1542	2160	1959	179
15°	1688	504	308	1720	1688	500
25°	2340	148	89	2328	2340	1088
35°	2998	86	48	2968	2998	1903
45°	3584	58	14	3485	3584	2779
55°	3979	43	0	3587	3979	3579
65°	4110	22	0	3736	4110	3972
75°	1650	7	0	1769	1650	1798
85°	95	0	0	310	95	132
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°	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9
2.5°	2084.6	2109.1	2086.1	2005.4	1991.0	1952.1	1893.0	1888.7	1826.8	1834.0	1800.8
5°	1959.3	1983.8	1934.8	1828.2	1728.8	1649.6	1602.0	1517.0	1498.3	1456.5	1456.5
7.5°	1831.1	1829.6	1746.1	1656.8	1508.4	1362.9	1296.6	1174.1	1102.1	1063.2	1025.7
10°	1724.5	1701.4	1649.6	1465.1	1303.8	1152.5	1070.4	989.7	914.8	850.0	785.2
12.5°	1649.6	1664.0	1581.8	1381.6	1172.7	1067.5	979.6	894.6	805.3	731.9	659.8
15°	1688.5	1665.4	1568.9	1362.9	1151.1	1007.0	890.3	786.6	687.2	590.7	535.9
17.5°	1809.5	1750.4	1636.6	1362.9	1106.4	914.8	773.6	651.2	544.6	458.1	390.4
20°	1972.3	1904.5	1782.1	1413.3	1073.3	847.1	654.1	499.9	389.0	308.3	256.4
22.5°	2139.4	2086.1	1901.7	1433.5	1034.4	756.3	515.8	361.6	259.3	207.5	181.5
25°	2339.6	2264.7	2063.0	1514.1	976.8	668.5	406.3	252.1	193.0	165.7	149.8
27.5°	2499.5	2486.6	2214.3	1563.1	933.5	596.4	321.3	200.3	159.9	139.7	129.7
30°	2701.2	2630.6	2398.7	1661.1	884.6	514.3	268.0	180.1	146.9	125.3	118.1
32.5°	2822.2	2789.1	2495.2	1715.8	829.8	446.6	230.5	158.5	134.0	118.1	110.9
35°	2998.0	2931.7	2633.5	1750.4	801.0	407.7	207.5	144.1	112.4	96.5	87.9
37.5°	3193.9	3169.4	2799.2	1749.0	759.2	384.7	191.6	134.0	106.6	89.3	79.2
40°	3394.2	3294.8	2900.0	1789.3	737.6	367.4	180.1	128.2	100.8	85.0	72.0
42.5°	3544.0	3430.2	3016.7	1774.9	711.7	337.1	175.8	119.6	96.5	77.8	66.3
45°	3584.4	3544.0	3121.9	1770.6	693.0	312.6	168.6	118.1	93.6	73.5	61.9
47.5°	3662.2	3634.8	3251.6	1777.8	678.5	293.9	151.3	121.0	89.3	69.2	59.1
50°	3696.7	3647.7	3356.7	1795.1	645.4	270.8	135.4	126.8	87.9	67.7	56.2
52.5°	3839.4	3796.1	3500.8	1844.0	618.0	240.6	119.6	121.0	90.8	63.4	53.3
55°	3979.1	3930.1	3722.7	1956.4	579.1	216.1	102.3	106.6	86.4	57.6	47.5
57.5°	4170.7	4090.0	3871.0	2002.5	544.6	183.0	90.8	87.9	80.7	51.9	41.8
60°	4199.5	4232.7	3849.4	1973.7	508.6	161.4	79.2	67.7	86.4	46.1	36.0
62.5°	4296.0	4157.7	3748.6	1907.4	482.6	148.4	70.6	56.2	74.9	40.3	30.3
65°	4110.2	4007.9	3512.3	1694.2	449.5	149.8	61.9	46.1	47.5	33.1	24.5
67.5°	3837.9	3757.2	3120.5	1462.3	416.3	146.9	54.7	40.3	36.0	28.8	21.6
70°	3368.3	3193.9	2650.8	1187.1	367.4	136.9	46.1	36.0	30.3	23.1	15.8
72.5°	2450.6	2380.0	1901.7	917.7	329.9	123.9	43.2	30.3	25.9	17.3	13.0
75°	1649.6	1532.9	1200.1	602.2	265.1	108.0	36.0	27.4	20.2	13.0	10.1
77.5°	871.6	824.1	680.0	286.7	146.9	50.4	20.2	15.8	11.5	10.1	5.8
80°	377.5	335.7	293.9	116.7	51.9	23.1	13.0	8.6	7.2	5.8	2.9
82.5°	193.0	184.4	152.7	50.4	30.3	17.3	7.2	5.8	4.3	2.9	1.4
85°	95.1	98.0	80.7	15.8	17.3	10.1	1.4	1.4	0.0	0.0	0.0
87.5°	7.2	7.2	5.8	2.9	4.3	1.4	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°	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9
2.5°	1787.9	1808.0	1773.4	1795.1	1785.0	1789.3	1793.6	1782.1	1785.0	1825.3	1826.8
5°	1432.0	1470.9	1456.5	1476.7	1511.2	1494.0	1509.8	1506.9	1509.8	1515.6	1541.5
7.5°	1021.4	1009.9	1037.3	1090.6	1152.5	1190.0	1171.3	1161.2	1155.4	1141.0	1158.3
10°	770.8	765.0	757.8	773.6	814.0	855.8	878.8	839.9	818.3	790.9	780.8
12.5°	639.7	603.6	583.5	559.0	570.5	608.0	609.4	571.9	537.4	523.0	538.8
15°	504.2	479.7	443.7	409.1	391.9	420.7	396.2	360.2	315.5	309.7	308.3
17.5°	360.2	345.8	319.8	305.4	285.3	278.0	252.1	197.4	165.7	157.0	159.9
20°	244.9	233.4	231.9	219.0	210.3	204.6	162.8	126.8	116.7	118.1	119.6
22.5°	181.5	175.8	168.6	167.1	159.9	152.7	119.6	106.6	99.4	99.4	103.7
25°	148.4	145.5	138.3	135.4	132.5	122.5	100.8	90.8	87.9	85.0	89.3
27.5°	126.8	125.3	121.0	116.7	113.8	103.7	87.9	79.2	76.4	76.4	76.4
30°	113.8	113.8	108.0	99.4	99.4	87.9	74.9	69.2	66.3	66.3	64.8
32.5°	106.6	103.7	96.5	90.8	86.4	74.9	66.3	60.5	56.2	56.2	57.6
35°	86.4	86.4	85.0	80.7	74.9	63.4	56.2	50.4	47.5	46.1	47.5
37.5°	76.4	72.0	66.3	67.7	64.8	54.7	47.5	43.2	38.9	38.9	38.9
40°	69.2	64.8	59.1	54.7	53.3	49.0	41.8	34.6	30.3	28.8	28.8
42.5°	61.9	59.1	50.4	43.2	41.8	41.8	31.7	25.9	21.6	21.6	21.6
45°	57.6	53.3	46.1	37.5	30.3	31.7	25.9	18.7	15.8	14.4	14.4
47.5°	54.7	50.4	40.3	31.7	23.1	23.1	18.7	13.0	10.1	8.6	8.6
50°	50.4	46.1	36.0	25.9	17.3	14.4	11.5	7.2	4.3	2.9	2.9
52.5°	47.5	43.2	31.7	21.6	14.4	10.1	7.2	1.4	0.0	0.0	0.0
55°	43.2	37.5	27.4	17.3	11.5	5.8	1.4	0.0	0.0	0.0	0.0
57.5°	37.5	33.1	21.6	13.0	7.2	1.4	0.0	0.0	0.0	0.0	0.0
60°	31.7	27.4	17.3	10.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	25.9	23.1	13.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	21.6	17.3	10.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	18.7	14.4	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	14.4	10.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	10.1	7.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	7.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.4	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°	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9
2.5°	1832.5	1875.7	1916.1	1927.6	1959.3	2047.2	2047.2	2089.0	2163.9	2191.2	2197.0
5°	1545.8	1591.9	1600.6	1689.9	1731.7	1821.0	1880.1	2021.2	2106.2	2159.5	2192.7
7.5°	1175.6	1191.4	1224.6	1308.1	1390.2	1498.3	1610.7	1790.7	1940.6	2001.1	2113.4
10°	808.2	855.8	927.8	1002.7	1130.9	1250.5	1396.0	1566.0	1750.4	1825.3	1921.8
12.5°	544.6	610.8	726.1	832.7	950.8	1071.8	1210.2	1437.8	1646.7	1750.4	1846.9
15°	318.4	399.1	498.5	671.3	828.4	963.8	1102.1	1332.6	1586.2	1720.1	1838.3
17.5°	161.4	185.8	268.0	417.8	625.2	847.1	1053.1	1347.0	1632.3	1796.5	1894.5
20°	121.0	128.2	151.3	221.9	427.9	700.2	1007.0	1368.6	1760.5	1960.7	2014.0
22.5°	105.2	110.9	121.0	144.1	240.6	535.9	942.2	1421.9	1934.8	2123.5	2235.9
25°	89.3	95.1	103.7	118.1	154.2	364.5	863.0	1478.1	2090.4	2328.1	2433.3
27.5°	77.8	82.1	90.8	102.3	125.3	231.9	726.1	1553.0	2328.1	2575.9	2603.3
30°	66.3	70.6	77.8	90.8	106.6	164.2	533.0	1563.1	2459.2	2683.9	2760.3
32.5°	57.6	59.1	67.7	79.2	89.3	129.7	374.6	1573.2	2555.7	2823.7	2839.5
35°	47.5	50.4	59.1	66.3	77.8	102.3	283.8	1522.8	2681.1	2967.8	2963.4
37.5°	38.9	43.2	49.0	54.7	63.4	86.4	226.2	1429.1	2838.1	3191.1	3055.6
40°	30.3	34.6	40.3	47.5	53.3	77.8	170.0	1287.9	3002.3	3300.5	3156.5
42.5°	21.6	24.5	30.3	37.5	47.5	64.8	122.5	1120.8	3067.2	3428.8	3277.5
45°	15.8	18.7	23.1	31.7	49.0	51.9	85.0	968.1	3136.3	3484.9	3250.1
47.5°	8.6	11.5	17.3	27.4	43.2	38.9	60.5	831.3	3215.5	3535.4	3271.7
50°	2.9	4.3	10.1	28.8	34.6	30.3	47.5	757.8	3293.3	3545.5	3315.0
52.5°	0.0	0.0	5.8	30.3	25.9	23.1	41.8	729.0	3273.2	3577.2	3287.6
55°	0.0	0.0	1.4	13.0	14.4	17.3	34.6	727.5	3415.8	3587.2	3437.4
57.5°	0.0	0.0	0.0	4.3	8.6	14.4	30.3	681.4	3506.6	3837.9	3639.1
60°	0.0	0.0	0.0	1.4	5.8	10.1	23.1	641.1	3598.8	3950.3	3855.2
62.5°	0.0	0.0	0.0	0.0	1.4	4.3	15.8	579.1	3412.9	3941.6	4064.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	10.1	458.1	3070.0	3735.6	3948.8
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.8	316.9	2688.3	3476.3	3737.1
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	191.6	2169.6	3048.4	3169.4
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.1	1548.7	2420.3	2600.4
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.1	958.0	1769.1	1991.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	620.9	1339.8	1511.2
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	331.4	839.9	976.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.1	510.0	587.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.1	309.7	353.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5	63.4
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: P599341
 CATALOG NUMBER: IFLD-S-SA2A-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9	2042.9
2.5°	2199.9	2241.7	2257.5	2233.0	2235.9	2185.5	2178.3	2107.7	2078.9	2084.6
5°	2300.7	2361.2	2394.4	2367.0	2305.1	2208.5	2120.6	2037.1	1985.2	1959.3
7.5°	2277.7	2345.4	2387.2	2413.1	2342.5	2186.9	2052.9	1895.9	1829.6	1831.1
10°	2150.9	2292.1	2377.1	2343.9	2310.8	2155.2	1947.8	1777.8	1718.7	1724.5
12.5°	2048.6	2205.6	2256.1	2282.0	2214.3	2090.4	1950.6	1756.2	1689.9	1649.6
15°	1985.2	2101.9	2104.8	2145.1	2117.8	2117.8	1980.9	1790.7	1733.1	1688.5
17.5°	1985.2	2011.2	2008.3	2022.7	2068.8	2123.5	2057.3	1930.5	1816.7	1809.5
20°	2029.9	1949.2	1930.5	1936.2	1975.1	2137.9	2225.8	2067.3	1995.3	1972.3
22.5°	2133.6	1956.4	1842.6	1822.4	1942.0	2136.5	2333.9	2283.4	2158.1	2139.4
25°	2276.2	1943.4	1819.5	1793.6	1884.4	2188.4	2482.3	2492.3	2378.5	2339.6
27.5°	2411.7	2001.1	1816.7	1810.9	1930.5	2176.8	2584.5	2659.5	2531.2	2499.5
30°	2457.8	2058.7	1870.0	1793.6	1947.8	2218.6	2581.7	2777.6	2694.0	2701.2
32.5°	2512.5	2116.3	1875.7	1845.5	2021.2	2286.3	2663.8	2967.8	2907.2	2822.2
35°	2593.2	2194.1	1930.5	1903.1	2073.1	2346.8	2681.1	3107.5	3097.4	2998.0
37.5°	2662.3	2270.5	2044.3	2048.6	2231.6	2444.8	2757.4	3278.9	3261.6	3193.9
40°	2711.3	2377.1	2221.5	2233.0	2369.9	2554.3	2892.8	3365.4	3493.6	3394.2
42.5°	2718.5	2472.2	2424.6	2516.8	2645.0	2724.3	2947.6	3424.4	3608.8	3544.0
45°	2745.9	2623.4	2756.0	2823.7	2928.9	2874.1	2944.7	3525.3	3617.5	3584.4
47.5°	2852.5	2898.6	3065.7	3271.7	3309.2	3129.1	3013.9	3541.1	3666.5	3662.2
50°	2963.4	3193.9	3428.8	3565.6	3613.2	3304.9	3078.7	3528.2	3731.3	3696.7
52.5°	3087.3	3450.4	3788.9	3957.5	3931.6	3499.4	3152.2	3633.3	3850.9	3839.4
55°	3165.1	3565.6	4020.9	4255.7	4235.5	3716.9	3385.5	3784.6	4007.9	3979.1
57.5°	3371.1	3752.9	4251.4	4360.9	4414.2	4002.1	3548.3	4032.4	4139.0	4170.7
60°	3541.1	3875.4	4311.9	4470.4	4489.1	4172.1	3833.6	4287.4	4306.1	4199.5
62.5°	3790.4	3922.9	4183.7	4326.3	4422.8	4268.7	4090.0	4424.3	4303.2	4296.0
65°	3973.3	3767.3	3944.5	4023.8	4085.7	4121.7	4347.9	4517.9	4249.9	4110.2
67.5°	3871.0	3473.4	3440.3	3444.6	3463.3	3680.9	4261.5	4288.8	3953.2	3837.9
70°	3407.2	2849.6	2805.0	2839.5	2745.9	3008.1	3911.4	3898.4	3487.8	3368.3
72.5°	2756.0	2077.4	2001.1	2048.6	2070.2	2348.3	3290.5	2956.2	2544.2	2450.6
75°	2189.8	1522.8	1285.1	1400.3	1473.8	1710.1	2570.1	2008.3	1776.3	1649.6
77.5°	1720.1	1152.5	999.8	953.7	1021.4	1243.3	1870.0	1054.6	930.7	871.6
80°	1090.6	847.1	919.1	852.9	881.7	887.4	973.9	479.7	381.8	377.5
82.5°	656.9	579.1	688.6	378.9	690.1	616.6	404.8	217.5	193.0	193.0
85°	465.3	358.7	237.7	154.2	306.9	338.6	157.0	112.4	98.0	95.1
87.5°	233.4	110.9	53.3	34.6	38.9	63.4	18.7	8.6	8.6	7.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)