

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: P599120

Luminaire Tested: **IFLD-S-SA6B-722-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: P599120
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6B-722-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (96) 2200K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

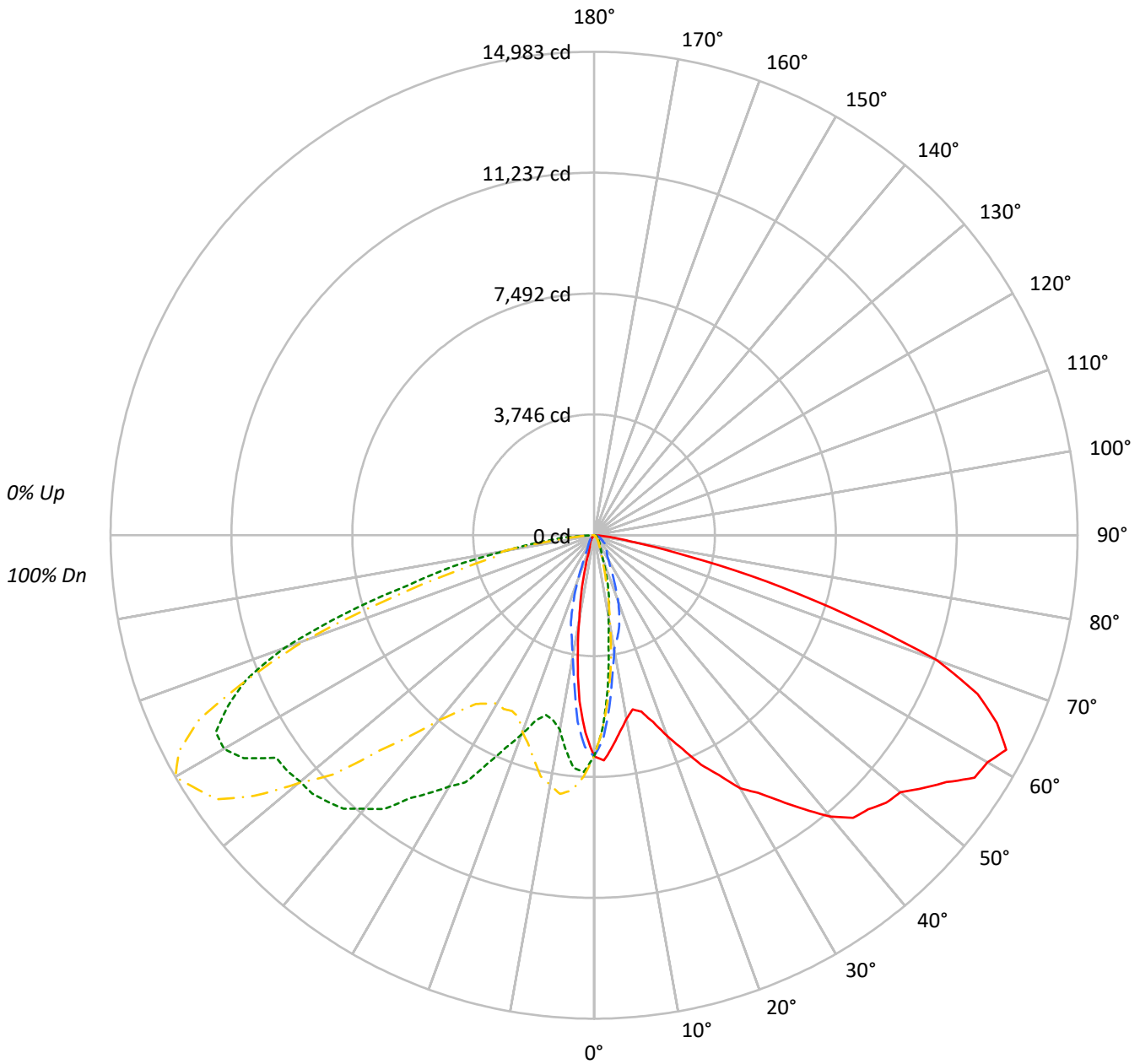
Lumens per Lamp: N/A
 Luminaire Lumens: 17909.9 lumens
 Efficiency: N/A
 Efficacy: 73.1 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 244.9
 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	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°	49133	49133	49133	49133
5°	47304	34573	37217	52138
10°	42115	18824	19070	44578
15°	42042	12555	7676	42831
20°	50479	6269	3061	50185
25°	62088	3938	2371	61782
30°	75019	3161	1801	74539
35°	88025	2538	1396	87137
40°	106566	2171	905	103626
45°	121917	1960	490	118535
50°	138320	1887	108	132660
55°	166851	1813	0	150421
60°	202007	1524	0	190019
65°	233913	1229	0	212595
70°	236859	1013	0	214370
75°	153287	668	0	164400
80°	52280	198	0	116333
85°	26240	0	0	85472

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	518.7	2.9
10°-20°	1004.3	5.6
20°-30°	1398.8	7.8
30°-40°	1987.5	11.1
40°-50°	2756.1	15.4
50°-60°	3755.3	21.0
60°-70°	4128.7	23.1
70°-80°	2029.2	11.3
80°-90°	331.4	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°	2921.7	16.3
0°-40°	4909.2	27.4
0°-60°	11420.6	63.8
0°-90°	17909.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	17909.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6847	6847	6847	6847	6847	
5°	6567	4800	5167	7238	6567	601
15°	5659	1690	1033	5765	5659	1675
25°	7842	497	299	7803	7842	3646
35°	10048	290	159	9947	10048	6378
45°	12014	193	48	11680	12014	9313
55°	13336	145	0	12023	13336	11997
65°	13776	72	0	12520	13776	13313
75°	5529	24	0	5930	5529	6027
85°	319	0	0	1038	319	441
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°	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9
2.5°	6987.0	7069.0	6991.8	6721.4	6673.1	6542.7	6344.8	6330.3	6122.6	6146.8	6035.7
5°	6566.9	6649.0	6484.8	6127.5	5794.3	5528.7	5369.4	5084.5	5021.7	4881.7	4881.7
7.5°	6137.1	6132.3	5852.2	5552.9	5055.5	4567.8	4345.7	3935.3	3693.9	3563.5	3438.0
10°	5779.8	5702.6	5528.7	4910.7	4369.9	3862.9	3587.6	3317.2	3066.2	2848.9	2631.6
12.5°	5528.7	5577.0	5301.8	4630.6	3930.5	3578.0	3283.4	2998.6	2699.2	2452.9	2211.5
15°	5659.1	5581.8	5258.3	4567.8	3858.0	3375.2	2984.1	2636.4	2303.2	1979.7	1796.2
17.5°	6064.7	5866.7	5485.3	4567.8	3708.4	3066.2	2592.9	2182.5	1825.2	1535.5	1308.5
20°	6610.3	6383.4	5973.0	4736.8	3597.3	2839.2	2192.2	1675.5	1303.7	1033.3	859.5
22.5°	7170.4	6991.8	6373.7	4804.4	3466.9	2535.0	1728.6	1212.0	869.1	695.3	608.4
25°	7841.6	7590.5	6914.5	5074.8	3273.8	2240.5	1361.7	845.0	647.0	555.3	502.2
27.5°	8377.6	8334.1	7421.5	5239.0	3128.9	1999.0	1076.8	671.2	536.0	468.4	434.6
30°	9053.6	8817.0	8039.6	5567.4	2964.8	1723.8	898.1	603.6	492.5	420.1	395.9
32.5°	9459.2	9348.1	8363.1	5750.8	2781.3	1496.9	772.6	531.1	449.1	395.9	371.8
35°	10048.3	9826.2	8826.7	5866.7	2684.7	1366.5	695.3	482.9	376.6	323.5	294.5
37.5°	10705.0	10622.9	9381.9	5861.9	2544.7	1289.2	642.2	449.1	357.3	299.4	265.6
40°	11376.1	11043.0	9719.9	5997.1	2472.2	1231.3	603.6	429.7	338.0	284.9	241.4
42.5°	11878.3	11496.9	10111.1	5948.8	2385.3	1129.9	589.1	400.8	323.5	260.7	222.1
45°	12013.5	11878.3	10463.5	5934.3	2322.5	1047.8	564.9	395.9	313.9	246.3	207.6
47.5°	12274.3	12182.5	10898.1	5958.5	2274.3	985.0	507.0	405.6	299.4	231.8	198.0
50°	12390.1	12226.0	11250.6	6016.4	2163.2	907.8	453.9	424.9	294.5	226.9	188.3
52.5°	12868.2	12723.3	11733.5	6180.6	2071.5	806.4	400.8	405.6	304.2	212.5	178.7
55°	13336.5	13172.4	12477.1	6557.2	1941.1	724.3	342.8	357.3	289.7	193.1	159.3
57.5°	13978.8	13708.3	12974.4	6711.7	1825.2	613.2	304.2	294.5	270.4	173.8	140.0
60°	14075.3	14186.4	12902.0	6615.2	1704.5	540.8	265.6	226.9	289.7	154.5	120.7
62.5°	14398.8	13935.3	12564.0	6393.0	1617.6	497.3	236.6	188.3	251.1	135.2	101.4
65°	13776.0	13433.1	11772.1	5678.4	1506.5	502.2	207.6	154.5	159.3	111.1	82.1
67.5°	12863.3	12592.9	10458.7	4901.0	1395.5	492.5	183.5	135.2	120.7	96.6	72.4
70°	11289.2	10705.0	8884.6	3978.8	1231.3	458.7	154.5	120.7	101.4	77.3	53.1
72.5°	8213.4	7976.8	6373.7	3075.8	1105.7	415.3	144.9	101.4	86.9	57.9	43.5
75°	5528.7	5137.6	4022.2	2018.3	888.5	362.1	120.7	91.7	67.6	43.5	33.8
77.5°	2921.3	2762.0	2279.1	960.9	492.5	169.0	67.6	53.1	38.6	33.8	19.3
80°	1265.1	1125.1	985.0	391.1	173.8	77.3	43.5	29.0	24.1	19.3	9.7
82.5°	647.0	618.1	511.8	169.0	101.4	57.9	24.1	19.3	14.5	9.7	4.8
85°	318.7	328.3	270.4	53.1	57.9	33.8	4.8	4.8	0.0	0.0	0.0
87.5°	24.1	24.1	19.3	9.7	14.5	4.8	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°	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9
2.5°	5992.3	6059.9	5944.0	6016.4	5982.6	5997.1	6011.6	5973.0	5982.6	6117.8	6122.6
5°	4799.6	4930.0	4881.7	4949.3	5065.2	5007.2	5060.4	5050.7	5060.4	5079.7	5166.6
7.5°	3423.5	3384.8	3476.6	3655.2	3862.9	3988.4	3925.6	3891.8	3872.5	3824.2	3882.2
10°	2583.3	2564.0	2539.8	2592.9	2728.1	2868.2	2945.4	2815.1	2742.6	2650.9	2617.1
12.5°	2143.9	2023.2	1955.6	1873.5	1912.1	2037.7	2042.5	1916.9	1801.1	1752.8	1805.9
15°	1690.0	1607.9	1487.2	1371.3	1313.4	1409.9	1327.9	1207.1	1057.5	1038.1	1033.3
17.5°	1207.1	1158.9	1071.9	1023.7	956.1	931.9	845.0	661.5	555.3	526.3	536.0
20°	820.9	782.2	777.4	733.9	705.0	685.7	545.6	424.9	391.1	395.9	400.8
22.5°	608.4	589.1	564.9	560.1	536.0	511.8	400.8	357.3	333.2	333.2	347.7
25°	497.3	487.7	463.5	453.9	444.2	410.4	338.0	304.2	294.5	284.9	299.4
27.5°	424.9	420.1	405.6	391.1	381.5	347.7	294.5	265.6	255.9	255.9	255.9
30°	381.5	381.5	362.1	333.2	333.2	294.5	251.1	231.8	222.1	222.1	217.3
32.5°	357.3	347.7	323.5	304.2	289.7	251.1	222.1	202.8	188.3	188.3	193.1
35°	289.7	289.7	284.9	270.4	251.1	212.5	188.3	169.0	159.3	154.5	159.3
37.5°	255.9	241.4	222.1	226.9	217.3	183.5	159.3	144.9	130.4	130.4	130.4
40°	231.8	217.3	198.0	183.5	178.7	164.2	140.0	115.9	101.4	96.6	96.6
42.5°	207.6	198.0	169.0	144.9	140.0	140.0	106.2	86.9	72.4	72.4	72.4
45°	193.1	178.7	154.5	125.5	101.4	106.2	86.9	62.8	53.1	48.3	48.3
47.5°	183.5	169.0	135.2	106.2	77.3	77.3	62.8	43.5	33.8	29.0	29.0
50°	169.0	154.5	120.7	86.9	57.9	48.3	38.6	24.1	14.5	9.7	9.7
52.5°	159.3	144.9	106.2	72.4	48.3	33.8	24.1	4.8	0.0	0.0	0.0
55°	144.9	125.5	91.7	57.9	38.6	19.3	4.8	0.0	0.0	0.0	0.0
57.5°	125.5	111.1	72.4	43.5	24.1	4.8	0.0	0.0	0.0	0.0	0.0
60°	106.2	91.7	57.9	33.8	9.7	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	86.9	77.3	43.5	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	72.4	57.9	33.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	62.8	48.3	24.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	48.3	33.8	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	33.8	24.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	24.1	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	14.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.8	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°	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9
2.5°	6142.0	6286.8	6422.0	6460.6	6566.9	6861.4	6861.4	7001.4	7252.5	7344.3	7363.6
5°	5181.1	5335.6	5364.6	5663.9	5804.0	6103.3	6301.3	6774.5	7059.4	7238.0	7349.1
7.5°	3940.1	3993.2	4104.3	4384.4	4659.6	5021.7	5398.4	6001.9	6504.1	6706.9	7083.5
10°	2708.8	2868.2	3109.6	3360.7	3790.4	4191.2	4678.9	5248.7	5866.7	6117.8	6441.3
12.5°	1825.2	2047.3	2433.6	2790.9	3186.9	3592.5	4056.0	4818.9	5519.1	5866.7	6190.2
15°	1067.1	1337.5	1670.7	2250.1	2776.4	3230.3	3693.9	4466.4	5316.3	5765.3	6161.3
17.5°	540.8	622.9	898.1	1400.3	2095.6	2839.2	3529.7	4514.7	5470.8	6021.2	6349.6
20°	405.6	429.7	507.0	743.6	1434.1	2346.7	3375.2	4587.2	5900.5	6571.7	6750.4
22.5°	352.5	371.8	405.6	482.9	806.4	1796.2	3157.9	4765.8	6484.8	7117.3	7494.0
25°	299.4	318.7	347.7	395.9	516.7	1221.6	2892.3	4954.1	7006.3	7803.0	8155.5
27.5°	260.7	275.2	304.2	342.8	420.1	777.4	2433.6	5205.2	7803.0	8633.5	8725.3
30°	222.1	236.6	260.7	304.2	357.3	550.5	1786.6	5239.0	8242.4	8995.7	9251.6
32.5°	193.1	198.0	226.9	265.6	299.4	434.6	1255.4	5272.8	8565.9	9464.0	9517.1
35°	159.3	169.0	198.0	222.1	260.7	342.8	951.2	5103.8	8986.0	9946.9	9932.4
37.5°	130.4	144.9	164.2	183.5	212.5	289.7	758.1	4790.0	9512.3	10695.3	10241.4
40°	101.4	115.9	135.2	159.3	178.7	260.7	569.8	4316.8	10062.8	11062.3	10579.4
42.5°	72.4	82.1	101.4	125.5	159.3	217.3	410.4	3756.6	10280.1	11492.0	10985.0
45°	53.1	62.8	77.3	106.2	164.2	173.8	284.9	3244.8	10511.8	11680.3	10893.3
47.5°	29.0	38.6	57.9	91.7	144.9	130.4	202.8	2786.1	10777.4	11849.3	10965.7
50°	9.7	14.5	33.8	96.6	115.9	101.4	159.3	2539.8	11038.1	11883.1	11110.6
52.5°	0.0	0.0	19.3	101.4	86.9	77.3	140.0	2443.3	10970.5	11989.4	11018.8
55°	0.0	0.0	4.8	43.5	48.3	57.9	115.9	2438.4	11448.6	12023.2	11521.0
57.5°	0.0	0.0	0.0	14.5	29.0	48.3	101.4	2283.9	11752.8	12863.3	12197.0
60°	0.0	0.0	0.0	4.8	19.3	33.8	77.3	2148.7	12061.8	13240.0	12921.3
62.5°	0.0	0.0	0.0	0.0	4.8	14.5	53.1	1941.1	11438.9	13211.0	13621.4
65°	0.0	0.0	0.0	0.0	0.0	0.0	33.8	1535.5	10289.7	12520.5	13235.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	19.3	1062.3	9010.1	11651.4	12525.3
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	642.2	7271.8	10217.3	10622.9
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	275.2	5190.7	8112.0	8715.6
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	111.1	3211.0	5929.5	6673.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.5	2081.1	4490.6	5065.2
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	1110.6	2815.1	3273.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	482.9	1709.3	1970.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	154.5	1038.1	1183.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	159.3	212.5
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: P599120
 CATALOG NUMBER: IFLD-S-SA6B-722-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9	6846.9
2.5°	7373.2	7513.3	7566.4	7484.3	7494.0	7325.0	7300.8	7064.2	6967.6	6987.0
5°	7711.2	7914.0	8025.1	7933.4	7725.7	7402.2	7107.7	6827.6	6653.8	6566.9
7.5°	7634.0	7860.9	8001.0	8087.9	7851.3	7329.8	6880.7	6354.4	6132.3	6137.1
10°	7209.1	7682.3	7967.2	7856.1	7745.0	7223.6	6528.2	5958.5	5760.5	5779.8
12.5°	6866.2	7392.6	7561.6	7648.5	7421.5	7006.3	6537.9	5886.0	5663.9	5528.7
15°	6653.8	7044.9	7054.6	7189.8	7098.0	7098.0	6639.3	6001.9	5808.8	5659.1
17.5°	6653.8	6740.7	6731.0	6779.3	6933.8	7117.3	6895.2	6470.3	6088.8	6064.7
20°	6803.5	6533.1	6470.3	6489.6	6620.0	7165.6	7460.2	6929.0	6687.6	6610.3
22.5°	7151.1	6557.2	6175.8	6108.2	6508.9	7160.8	7822.3	7653.3	7233.2	7170.4
25°	7629.2	6513.8	6098.5	6011.6	6315.8	7334.6	8319.7	8353.5	7972.0	7841.6
27.5°	8083.0	6706.9	6088.8	6069.5	6470.3	7296.0	8662.5	8913.6	8483.8	8377.6
30°	8237.6	6900.0	6267.5	6011.6	6528.2	7436.0	8652.8	9309.5	9029.5	9053.6
32.5°	8421.1	7093.2	6286.8	6185.4	6774.5	7663.0	8928.1	9946.9	9744.1	9459.2
35°	8691.5	7353.9	6470.3	6378.6	6948.3	7865.8	8986.0	10415.3	10381.5	10048.3
37.5°	8923.2	7609.8	6851.8	6866.2	7479.5	8194.1	9241.9	10989.9	10931.9	10705.0
40°	9087.4	7967.2	7445.7	7484.3	7943.0	8561.1	9695.8	11279.6	11709.3	11376.1
42.5°	9111.5	8285.9	8126.5	8435.5	8865.3	9130.9	9879.3	11477.5	12095.6	11878.3
45°	9203.3	8792.9	9237.1	9464.0	9816.5	9633.0	9869.6	11815.5	12124.6	12013.5
47.5°	9560.6	9715.1	10275.2	10965.7	11091.3	10487.7	10101.4	11868.7	12288.7	12274.3
50°	9932.4	10705.0	11492.0	11950.7	12110.1	11076.8	10318.7	11825.2	12506.0	12390.1
52.5°	10347.7	11564.5	12699.2	13264.1	13177.2	11728.6	10564.9	12177.7	12906.8	12868.2
55°	10608.4	11950.7	13476.6	14263.6	14196.0	12457.7	11347.2	12684.7	13433.1	13336.5
57.5°	11298.9	12578.5	14249.2	14616.1	14794.8	13413.8	11892.8	13515.2	13872.5	13978.8
60°	11868.7	12988.9	14452.0	14983.1	15045.9	13983.6	12848.9	14369.9	14432.6	14075.3
62.5°	12704.0	13148.2	14022.2	14500.2	14823.8	14307.1	13708.3	14828.6	14423.0	14398.8
65°	13317.2	12626.7	13220.7	13486.2	13693.9	13814.6	14572.7	15142.4	14244.3	13776.0
67.5°	12974.4	11641.7	11530.7	11545.1	11607.9	12337.0	14283.0	14374.7	13249.6	12863.3
70°	11419.6	9550.9	9401.3	9517.1	9203.3	10082.1	13109.6	13066.1	11690.0	11289.2
72.5°	9237.1	6962.8	6706.9	6866.2	6938.7	7870.6	11028.5	9908.3	8527.3	8213.4
75°	7339.4	5103.8	4307.1	4693.4	4939.6	5731.5	8614.2	6731.0	5953.6	5528.7
77.5°	5765.3	3862.9	3351.0	3196.5	3423.5	4167.1	6267.5	3534.5	3119.3	2921.3
80°	3655.2	2839.2	3080.6	2858.5	2955.1	2974.4	3264.1	1607.9	1279.6	1265.1
82.5°	2201.8	1941.1	2308.1	1269.9	2312.9	2066.6	1356.8	729.1	647.0	647.0
85°	1559.6	1202.3	796.7	516.7	1028.5	1134.7	526.3	376.6	328.3	318.7
87.5°	782.2	371.8	178.7	115.9	130.4	212.5	62.8	29.0	29.0	24.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)