

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: P598590

Luminaire Tested: **IFLD-S-SA2D-722-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598590
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2D-722-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (32) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

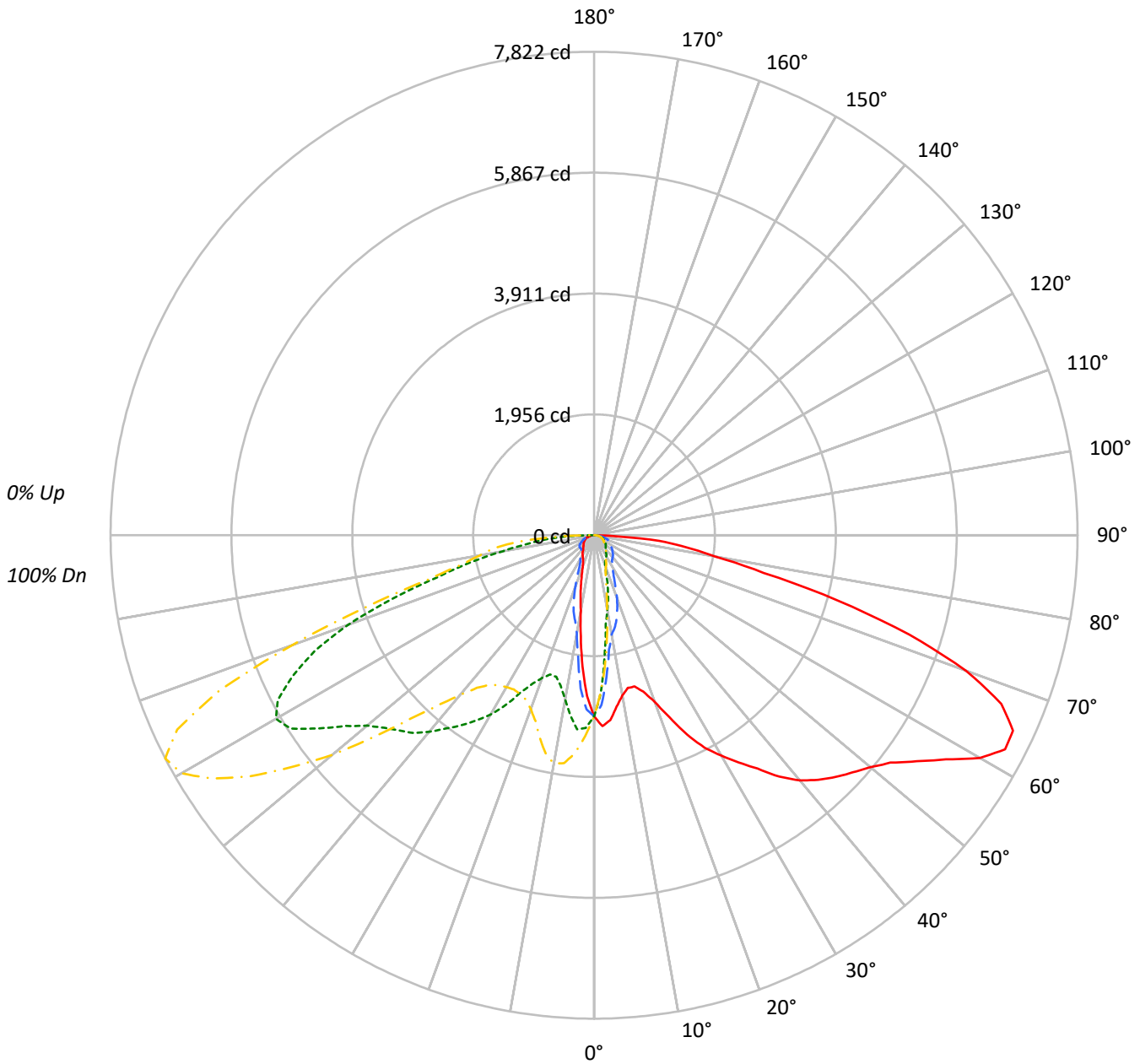
Lumens per Lamp: N/A
 Luminaire Lumens: 9798.8 lumens
 Efficiency: N/A
 Efficacy: 79.1 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 123.9
 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	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77			77	
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59			59	
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46			46	
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36			36	
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30			30	
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25			25	
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21			21	
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18			18	
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16			16	
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14			14	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	63014	63014	63014	63014
5°	64850	42170	46068	68126
10°	57533	26796	27065	58878
15°	56465	19004	17999	52810
20°	65649	12021	12115	56256
25°	84426	10321	10031	66509
30°	102314	9784	9173	83258
35°	121099	8620	8297	98689
40°	145507	8181	7605	116589
45°	168370	8114	7365	135918
50°	195513	8239	7415	160501
55°	239263	8464	7540	204489
60°	310302	8473	7944	255759
65°	380898	8563	8145	273773
70°	403057	9032	8516	266552
75°	339280	9549	8526	217550
80°	246497	11182	8641	188044
85°	261256	16203	7089	195430

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	226.5	2.3
10°-20°	474.1	4.8
20°-30°	683.2	7.0
30°-40°	983.6	10.0
40°-50°	1397.1	14.3
50°-60°	2008.6	20.5
60°-70°	2320.6	23.7
70°-80°	1314.0	13.4
80°-90°	391.0	4.0
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°	1383.8	14.1
0°-40°	2367.4	24.2
0°-60°	5773.1	58.9
0°-90°	9798.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9798.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2927	2927	2927	2927	2927	
5°	3001	1951	2132	3152	3001	272
15°	2534	853	808	2370	2534	745
25°	3554	434	422	2800	3554	1650
35°	4608	328	316	3755	4608	2924
45°	5530	266	242	4464	5530	4282
55°	6375	226	201	5448	6375	5773
65°	7478	168	160	5374	7478	7170
75°	4079	115	102	2616	4079	4328
85°	1058	66	29	791	1058	1053
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°	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1
2.5°	3091.0	3086.9	3062.3	2984.5	2902.5	2824.6	2750.8	2672.9	2631.9	2582.7	2562.2
5°	3000.9	2992.7	2923.0	2750.8	2599.1	2435.1	2295.7	2185.0	2094.9	2004.7	1971.9
7.5°	2795.9	2783.6	2701.6	2463.8	2242.4	2029.3	1861.2	1717.7	1598.8	1545.5	1484.0
10°	2631.9	2611.4	2504.8	2242.4	1955.5	1742.3	1631.6	1533.2	1430.7	1344.6	1254.5
12.5°	2529.4	2504.8	2394.1	2086.7	1807.9	1648.0	1533.2	1422.5	1295.4	1188.9	1090.5
15°	2533.5	2504.8	2369.5	2045.7	1771.0	1566.0	1406.1	1254.5	1106.9	988.0	877.3
17.5°	2652.4	2615.5	2472.0	2103.1	1742.3	1459.4	1246.3	1049.5	881.4	754.3	664.1
20°	2865.6	2841.0	2677.0	2189.1	1713.6	1344.6	1082.3	844.5	668.2	569.8	532.9
22.5°	3185.3	3156.6	2980.4	2320.3	1705.4	1242.2	906.0	664.1	537.0	496.0	475.5
25°	3554.3	3501.0	3337.0	2541.7	1721.8	1147.9	762.5	549.3	479.6	450.9	438.6
27.5°	3874.0	3841.3	3656.8	2750.8	1730.0	1074.1	664.1	500.1	446.8	422.3	414.1
30°	4115.9	4103.6	3923.2	2980.4	1709.5	983.9	602.6	479.6	446.8	422.3	397.7
32.5°	4357.8	4361.9	4169.2	3156.6	1680.8	906.0	545.2	426.4	393.6	377.2	381.3
35°	4607.9	4628.4	4464.4	3328.8	1619.3	877.3	504.2	397.7	369.0	344.4	332.1
37.5°	4923.5	4976.8	4816.9	3521.5	1557.8	852.7	483.7	377.2	348.5	328.0	311.6
40°	5177.7	5276.1	5181.8	3701.9	1516.8	824.0	467.3	356.7	336.2	311.6	299.3
42.5°	5366.3	5481.1	5448.3	3841.3	1516.8	795.3	450.9	344.4	328.0	299.3	282.9
45°	5530.3	5649.1	5645.0	3984.7	1549.6	778.9	430.4	344.4	319.8	291.1	274.7
47.5°	5677.8	5796.7	5837.7	4165.1	1602.9	770.7	405.9	336.2	319.8	287.0	262.4
50°	5837.7	5968.9	6091.9	4452.1	1668.5	750.2	389.5	323.9	323.9	282.9	254.2
52.5°	6042.7	6190.3	6415.8	4808.7	1734.1	713.3	364.9	315.7	323.9	278.8	246.0
55°	6374.8	6497.7	6792.9	5235.1	1816.1	668.2	344.4	295.2	307.5	266.5	233.7
57.5°	6747.8	6854.4	7100.4	5563.1	1840.7	610.8	315.7	274.7	295.2	254.2	217.3
60°	7207.0	7260.3	7260.3	5657.3	1758.7	557.5	295.2	258.3	266.5	241.9	205.0
62.5°	7498.0	7498.0	7260.3	5485.2	1602.9	512.4	278.8	241.9	233.7	225.5	192.7
65°	7477.5	7444.7	7092.2	4985.0	1422.5	483.7	262.4	221.4	209.1	205.0	180.4
67.5°	7133.2	7075.8	6596.1	4279.9	1234.0	471.4	246.0	200.9	192.7	184.5	164.0
70°	6403.5	6255.9	5665.5	3443.6	1049.5	463.2	241.9	184.5	176.3	168.1	151.7
72.5°	5345.8	5157.2	4423.4	2648.3	881.4	434.5	229.6	164.0	159.9	151.7	135.3
75°	4079.0	3730.6	3086.9	2025.2	684.6	377.2	196.8	143.5	143.5	139.4	123.0
77.5°	2812.3	2631.9	2152.2	1496.3	500.1	291.1	159.9	127.1	127.1	131.2	114.8
80°	1988.3	1820.2	1533.2	1074.1	315.7	196.8	123.0	106.6	118.9	127.1	106.6
82.5°	1520.9	1397.9	1139.7	783.0	184.5	135.3	94.3	86.1	102.5	110.7	90.2
85°	1057.7	910.1	578.0	524.7	106.6	82.0	69.7	69.7	90.2	110.7	82.0
87.5°	299.3	127.1	36.9	155.8	45.1	32.8	24.6	16.4	24.6	24.6	16.4
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°	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1
2.5°	2541.7	2517.1	2517.1	2508.9	2513.0	2517.1	2513.0	2541.7	2554.0	2570.4	2603.2
5°	1951.4	1984.2	1959.6	1984.2	2017.0	2066.2	2078.5	2115.4	2119.5	2148.1	2131.8
7.5°	1447.1	1443.0	1422.5	1451.2	1541.4	1611.1	1643.9	1664.4	1668.5	1668.5	1648.0
10°	1225.8	1188.9	1152.0	1131.5	1139.7	1213.5	1238.1	1250.4	1242.2	1254.5	1238.1
12.5°	1049.5	1016.7	963.4	926.5	901.9	922.4	947.0	959.3	967.5	988.0	1004.4
15°	852.7	819.9	787.1	766.6	746.1	729.7	750.2	762.5	783.0	799.4	807.6
17.5°	647.7	631.3	614.9	627.2	627.2	619.0	627.2	631.3	639.5	651.8	647.7
20°	524.7	520.6	516.5	537.0	553.4	553.4	561.6	549.3	545.2	532.9	528.8
22.5°	467.3	467.3	471.4	487.8	504.2	512.4	512.4	491.9	471.4	463.2	467.3
25°	434.5	434.5	446.8	450.9	459.1	459.1	463.2	442.7	430.4	418.2	422.3
27.5°	410.0	410.0	414.1	414.1	418.2	418.2	422.3	414.1	397.7	393.6	393.6
30°	393.6	393.6	389.5	389.5	389.5	389.5	393.6	381.3	373.1	369.0	369.0
32.5°	377.2	373.1	369.0	369.0	364.9	364.9	369.0	356.7	352.6	352.6	352.6
35°	328.0	323.9	328.0	336.2	336.2	340.3	340.3	336.2	328.0	319.8	315.7
37.5°	307.5	303.4	303.4	303.4	311.6	315.7	319.8	311.6	299.3	287.0	287.0
40°	291.1	291.1	287.0	287.0	287.0	295.2	303.4	291.1	274.7	270.6	270.6
42.5°	278.8	274.7	270.6	266.5	262.4	274.7	282.9	266.5	258.3	258.3	258.3
45°	266.5	262.4	258.3	254.2	250.1	254.2	262.4	246.0	241.9	241.9	241.9
47.5°	254.2	250.1	241.9	237.8	233.7	233.7	241.9	229.6	225.5	229.6	229.6
50°	246.0	237.8	229.6	225.5	221.4	221.4	221.4	217.3	217.3	217.3	221.4
52.5°	237.8	229.6	217.3	213.2	209.1	209.1	209.1	209.1	205.0	209.1	213.2
55°	225.5	217.3	209.1	205.0	200.9	196.8	200.9	196.8	196.8	200.9	200.9
57.5°	209.1	200.9	192.7	192.7	188.6	188.6	192.7	188.6	188.6	192.7	192.7
60°	196.8	188.6	180.4	180.4	176.3	180.4	184.5	180.4	180.4	180.4	184.5
62.5°	180.4	176.3	168.1	168.1	168.1	168.1	172.2	168.1	172.2	172.2	172.2
65°	168.1	159.9	155.8	155.8	155.8	155.8	164.0	155.8	159.9	159.9	159.9
67.5°	155.8	147.6	143.5	143.5	143.5	143.5	151.7	143.5	147.6	151.7	147.6
70°	143.5	135.3	131.2	131.2	131.2	131.2	135.3	131.2	131.2	135.3	135.3
72.5°	127.1	123.0	118.9	118.9	114.8	118.9	123.0	118.9	118.9	118.9	118.9
75°	114.8	110.7	110.7	106.6	106.6	106.6	110.7	102.5	102.5	102.5	102.5
77.5°	106.6	98.4	98.4	98.4	94.3	98.4	94.3	86.1	86.1	86.1	86.1
80°	90.2	82.0	86.1	86.1	82.0	82.0	77.9	69.7	69.7	69.7	69.7
82.5°	73.8	65.6	69.7	69.7	69.7	69.7	61.5	57.4	53.3	49.2	49.2
85°	65.6	53.3	61.5	61.5	57.4	57.4	41.0	41.0	32.8	32.8	28.7
87.5°	12.3	8.2	16.4	20.5	20.5	24.6	16.4	20.5	12.3	8.2	8.2
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°	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1
2.5°	2599.1	2644.2	2705.7	2750.8	2820.5	2873.8	2955.8	3025.4	3091.0	3119.7	3148.4
5°	2180.9	2209.6	2303.9	2377.7	2488.4	2607.3	2754.9	2914.8	3078.7	3152.5	3238.6
7.5°	1631.6	1684.9	1738.2	1844.8	1980.1	2172.7	2361.3	2599.1	2828.7	2939.4	3086.9
10°	1266.8	1307.7	1369.2	1479.9	1607.0	1766.9	1992.4	2275.2	2549.9	2693.4	2845.1
12.5°	1016.7	1074.1	1156.1	1270.9	1418.4	1582.4	1746.4	2008.8	2328.5	2492.5	2664.7
15°	824.0	869.1	959.3	1102.8	1275.0	1443.0	1615.2	1832.5	2180.9	2369.5	2574.5
17.5°	655.9	688.7	770.7	914.2	1086.4	1275.0	1471.7	1746.4	2131.8	2361.3	2603.2
20°	532.9	557.5	610.8	717.4	881.4	1086.4	1332.3	1664.4	2160.4	2455.6	2750.8
22.5°	467.3	475.5	500.1	557.5	692.8	910.1	1205.3	1594.7	2213.7	2595.0	2992.7
25°	422.3	430.4	438.6	475.5	553.4	758.4	1094.6	1553.7	2328.5	2800.0	3271.4
27.5°	393.6	401.8	405.9	422.3	475.5	647.7	1000.3	1529.1	2484.3	3099.2	3615.8
30°	369.0	369.0	381.3	405.9	442.7	569.8	918.3	1471.7	2648.3	3349.3	3886.3
32.5°	348.5	352.6	369.0	381.3	405.9	504.2	836.3	1397.9	2795.9	3554.3	4152.8
35°	311.6	311.6	315.7	336.2	369.0	450.9	762.5	1324.1	2877.9	3755.2	4390.6
37.5°	287.0	291.1	299.3	315.7	344.4	414.1	701.0	1242.2	2964.0	3943.7	4669.4
40°	270.6	274.7	282.9	299.3	328.0	381.3	647.7	1176.6	3054.1	4148.7	4968.6
42.5°	258.3	262.4	270.6	287.0	311.6	373.1	590.3	1123.3	3107.4	4337.3	5251.5
45°	246.0	250.1	262.4	278.8	299.3	364.9	557.5	1086.4	3127.9	4464.4	5477.0
47.5°	233.7	237.8	250.1	274.7	299.3	352.6	545.2	1065.9	3144.3	4607.9	5657.3
50°	221.4	229.6	246.0	270.6	303.4	336.2	537.0	1061.8	3238.6	4792.3	5829.5
52.5°	213.2	225.5	241.9	270.6	299.3	311.6	532.9	1074.1	3427.2	5067.0	6075.5
55°	205.0	217.3	233.7	270.6	287.0	291.1	512.4	1094.6	3714.2	5448.3	6424.0
57.5°	196.8	205.0	225.5	262.4	270.6	274.7	471.4	1123.3	4001.1	5821.3	6780.6
60°	184.5	192.7	213.2	262.4	246.0	258.3	418.2	1131.5	4206.1	5940.2	6813.4
62.5°	172.2	180.4	200.9	270.6	225.5	241.9	373.1	1102.8	4247.1	5768.0	6628.9
65°	159.9	168.1	184.5	225.5	209.1	225.5	344.4	1024.9	4111.8	5374.5	6292.8
67.5°	147.6	155.8	168.1	184.5	188.6	205.0	332.1	901.9	3771.6	4886.6	5833.6
70°	131.2	139.4	151.7	164.0	168.1	192.7	311.6	783.0	3222.2	4234.8	5272.0
72.5°	118.9	123.0	135.3	143.5	151.7	176.3	299.3	684.6	2463.8	3427.2	4300.4
75°	102.5	102.5	114.8	123.0	131.2	155.8	274.7	569.8	1738.2	2615.5	3160.7
77.5°	86.1	86.1	94.3	102.5	110.7	135.3	233.7	463.2	1205.3	2074.4	2291.6
80°	65.6	65.6	73.8	82.0	90.2	114.8	188.6	340.3	746.1	1516.8	1668.5
82.5°	45.1	45.1	57.4	61.5	65.6	90.2	143.5	233.7	438.6	1094.6	1193.0
85°	24.6	24.6	32.8	36.9	45.1	65.6	106.6	164.0	262.4	791.2	795.3
87.5°	4.1	4.1	12.3	12.3	20.5	32.8	61.5	90.2	147.6	438.6	278.8
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: P598590
 CATALOG NUMBER: IFLD-S-SA2D-722-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1	2927.1
2.5°	3201.7	3246.8	3250.9	3250.9	3230.4	3234.5	3177.1	3115.6	3095.1	3091.0
5°	3369.8	3488.7	3521.5	3537.9	3484.6	3402.6	3255.0	3095.1	3013.1	3000.9
7.5°	3337.0	3574.8	3701.9	3718.3	3611.7	3419.0	3160.7	2914.8	2820.5	2795.9
10°	3144.3	3464.1	3693.7	3751.1	3636.3	3390.3	3054.1	2767.2	2652.4	2631.9
12.5°	3009.0	3316.5	3542.0	3619.9	3566.6	3353.4	3000.9	2672.9	2558.1	2529.4
15°	2935.3	3218.1	3365.7	3390.3	3386.2	3296.0	3000.9	2693.4	2566.3	2533.5
17.5°	2996.8	3189.4	3209.9	3152.5	3185.3	3230.4	3066.4	2804.1	2681.1	2652.4
20°	3119.7	3177.1	3078.7	2992.7	3009.0	3152.5	3168.9	3013.1	2914.8	2865.6
22.5°	3378.0	3222.2	2996.8	2877.9	2890.2	3091.0	3304.2	3296.0	3209.9	3185.3
25°	3640.4	3349.3	2972.2	2832.8	2849.2	3078.7	3464.1	3611.7	3566.6	3554.3
27.5°	3931.4	3562.5	2988.6	2812.3	2832.8	3095.1	3574.8	3878.1	3886.3	3874.0
30°	4128.2	3665.0	3037.7	2836.9	2865.6	3136.1	3599.4	4038.0	4111.8	4115.9
32.5°	4292.2	3767.5	3140.2	2877.9	2927.1	3209.9	3665.0	4189.7	4353.7	4357.8
35°	4423.4	3882.2	3267.3	2951.7	3025.4	3332.9	3751.1	4333.2	4579.2	4607.9
37.5°	4591.5	4009.3	3414.9	3111.5	3193.5	3509.2	3902.7	4501.3	4845.6	4923.5
40°	4771.8	4136.4	3628.1	3369.8	3488.7	3771.6	4074.9	4689.9	5071.1	5177.7
42.5°	4972.7	4271.7	3869.9	3718.3	3898.6	4103.6	4271.7	4862.0	5243.3	5366.3
45°	5169.5	4435.7	4222.5	4193.8	4394.7	4497.2	4464.4	4985.0	5407.3	5530.3
47.5°	5308.9	4673.5	4648.9	4821.0	5009.6	4956.3	4689.9	5075.2	5542.6	5677.8
50°	5436.0	4968.6	5185.9	5522.1	5636.8	5456.5	4931.7	5198.2	5686.0	5837.7
52.5°	5624.5	5284.3	5739.3	6157.5	6268.2	5981.2	5194.1	5399.1	5907.4	6042.7
55°	6009.9	5640.9	6317.4	6797.0	6817.5	6460.8	5546.7	5739.3	6219.0	6374.8
57.5°	6440.3	6079.6	6776.5	7325.8	7317.6	6940.5	5944.3	6198.5	6641.2	6747.8
60°	6829.8	6522.3	7276.7	7703.0	7682.5	7289.0	6407.6	6719.1	7125.0	7207.0
62.5°	7059.4	6924.1	7498.0	7821.9	7744.0	7403.7	6801.1	7182.4	7469.3	7498.0
65°	7022.5	7153.7	7239.8	7440.6	7329.9	7084.0	6993.8	7477.5	7506.2	7477.5
67.5°	6743.7	7022.5	6530.5	6551.0	6493.6	6284.6	6694.5	7399.6	7202.9	7133.2
70°	6321.5	6342.0	5460.6	5202.3	5292.5	5005.5	5743.4	6792.9	6489.5	6403.5
72.5°	5620.4	5366.3	4128.2	3865.8	4001.1	3796.2	4607.9	5919.7	5624.5	5345.8
75°	4714.5	4251.2	3144.3	2771.3	2841.0	2832.8	3570.7	4890.7	4357.8	4079.0
77.5°	3652.7	3312.4	2320.3	2176.8	2103.1	2119.5	2492.5	3636.3	3160.7	2812.3
80°	2668.8	2316.2	1795.6	1877.6	1836.6	1738.2	1746.4	2435.1	2197.3	1988.3
82.5°	1844.8	1648.0	1455.3	1643.9	1545.5	1393.8	1361.0	1754.6	1648.0	1520.9
85°	1238.1	1356.9	1156.1	1258.6	1090.5	1004.4	1279.1	1467.6	1184.8	1057.7
87.5°	807.6	1242.2	832.2	631.3	360.8	483.7	783.0	963.4	553.4	299.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)