

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: P598910

Luminaire Tested: **IFLD-S-SA2E-730-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598910
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2E-730-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

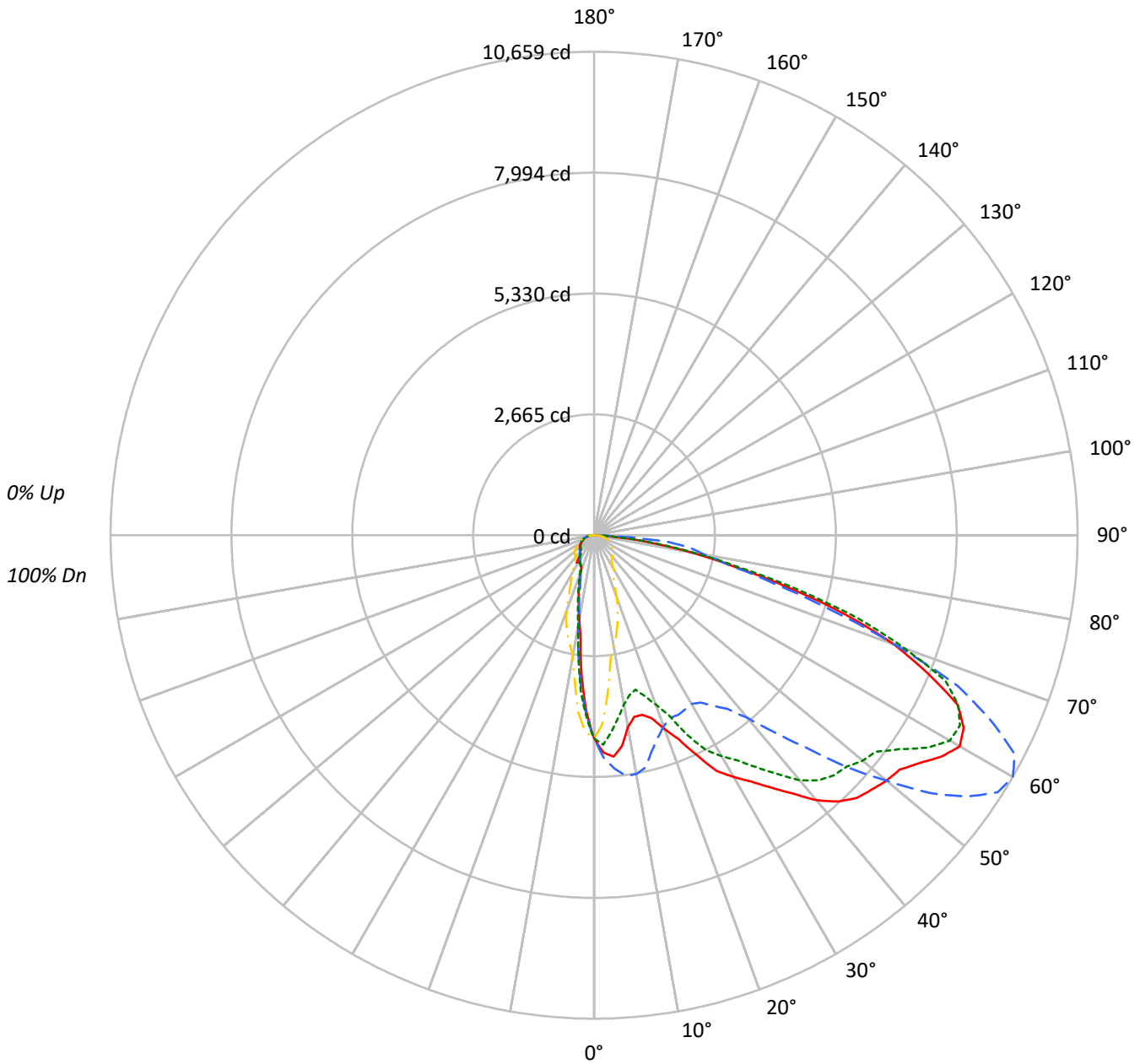
Lumens per Lamp: N/A
 Luminaire Lumens: 14019.0 lumens
 Efficiency: N/A
 Efficacy: 89.8 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 156.2
 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: P598910
CATALOG NUMBER: IFLD-S-SA2E-730-U-SLL

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°

TEST NUMBER: P598910

CATALOG NUMBER: IFLD-S-SA2E-730-U-SLL

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				
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77				
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60				
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47				
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38				
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31				
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26				
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22				
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19				
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17				
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	96393	96393	96393	96393
5°	105900	94073	67464	73647
10°	93801	82790	40920	43910
15°	91340	78587	28967	30077
20°	104146	90898	18948	20944
25°	126890	115220	16544	17136
30°	152890	139750	17160	15922
35°	178309	164091	14218	13400
40°	214265	198185	13281	12584
45°	249353	227768	13441	12495
50°	281803	258892	13745	12914
55°	328643	308571	14240	13538
60°	400835	389856	14191	14191
65°	450471	451102	14574	15205
70°	442717	458371	15264	15660
75°	365189	389502	16037	17068
80°	263680	276784	17728	18509
85°	145930	156675	19958	24577

TEST NUMBER: P598910
 CATALOG NUMBER: IFLD-S-SA2E-730-U-SLL

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	347.9	2.5
10°-20°	734.4	5.2
20°-30°	1074.5	7.7
30°-40°	1514.0	10.8
40°-50°	2080.7	14.8
50°-60°	2835.7	20.2
60°-70°	3103.5	22.1
70°-80°	1791.8	12.8
80°-90°	536.6	3.8
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°	2156.8	15.4
0°-40°	3670.8	26.2
0°-60°	8587.1	61.3
0°-90°	14019.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14019.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4478	4478	4478	4478	4478	
5°	4900	4353	3122	3408	4900	445
15°	4098	3526	1300	1350	4098	1197
25°	5342	4851	696	721	5342	2501
35°	6785	6244	541	510	6785	4302
45°	8190	7481	442	410	8190	6295
55°	8756	8221	379	361	8756	7901
65°	8843	8856	286	298	8843	8464
75°	4390	4683	193	205	4390	4716
85°	591	634	81	100	591	820
90°	0	0	0	0	0	

TEST NUMBER: P598910
 CATALOG NUMBER: IFLD-S-SA2E-730-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6
2.5°	4794.8	4776.1	4794.8	4863.2	4881.8	4912.9	4912.9	4869.4	4788.5	4751.2	4689.0
5°	4900.5	4869.4	5024.9	5167.9	5279.8	5267.4	5161.7	5074.6	4912.9	4670.4	4440.3
7.5°	4689.0	4720.1	4832.1	5205.2	5466.4	5516.2	5348.2	5174.1	4825.9	4490.0	4179.1
10°	4291.0	4334.6	4577.1	4962.7	5373.1	5454.0	5348.2	5136.8	4720.1	4303.5	3942.8
12.5°	4098.3	4197.8	4340.8	4807.2	5099.5	5292.3	5242.5	5105.7	4639.3	4148.0	3799.7
15°	4098.3	4123.1	4334.6	4726.4	4894.3	4900.5	4919.1	4944.0	4664.2	4216.4	3750.0
17.5°	4228.8	4297.3	4477.6	4720.1	4751.2	4676.6	4676.6	4782.3	4713.9	4409.2	3930.3
20°	4546.0	4521.1	4757.5	4857.0	4689.0	4502.5	4483.8	4664.2	4769.9	4614.4	4259.9
22.5°	4863.2	4975.1	5167.9	4944.0	4633.1	4384.3	4359.4	4583.3	4937.8	4968.9	4639.3
25°	5342.0	5454.0	5553.5	5279.8	4626.9	4353.2	4371.9	4546.0	5143.0	5472.6	5273.6
27.5°	5858.2	5926.6	6069.6	5646.8	4776.1	4315.9	4334.6	4595.8	5335.8	5802.2	5771.1
30°	6150.5	6225.1	6194.0	5715.2	4875.6	4340.8	4291.0	4664.2	5230.1	5802.2	6094.5
32.5°	6436.6	6393.0	6374.4	5827.1	5000.0	4496.3	4371.9	4807.2	5292.3	5895.5	6511.2
35°	6784.8	6722.6	6672.9	6044.8	5205.2	4645.5	4589.5	4993.8	5429.1	6088.3	6847.0
37.5°	7170.4	7170.4	6927.8	6206.5	5447.7	4888.0	4825.9	5261.2	5646.8	6206.5	7307.2
40°	7624.4	7643.0	7213.9	6424.1	5721.4	5273.6	5255.0	5609.4	5858.2	6380.6	7748.7
42.5°	7960.2	7972.6	7462.7	6505.0	6038.5	5808.4	5889.3	6169.1	6100.7	6536.1	7779.8
45°	8190.3	8128.1	7636.8	6735.1	6386.8	6610.7	6635.6	6716.4	6417.9	6629.3	7904.2
47.5°	8302.2	8289.8	7711.4	7002.5	7120.6	7425.4	7568.4	7456.5	6710.2	6529.8	7904.2
50°	8414.2	8308.4	7779.8	7369.4	7835.8	8451.5	8420.4	8215.2	7114.4	6654.2	7786.1
52.5°	8488.8	8395.5	7916.6	7699.0	8519.9	9216.4	9340.8	8961.4	7587.0	6884.3	7842.0
55°	8756.2	8681.6	8327.1	8146.7	9309.7	10024.9	10043.5	9514.9	8084.6	7263.7	8208.9
57.5°	9079.6	9123.1	8893.0	8781.1	9912.9	10615.6	10547.2	9925.4	8507.4	7723.9	8631.8
60°	9309.7	9378.1	9322.1	9334.6	10211.4	10814.7	10659.2	10180.3	8818.4	8072.1	9148.0
62.5°	9185.3	9322.1	9552.2	9502.5	10223.9	10671.6	10454.0	9844.5	8855.7	8526.1	9539.8
65°	8843.3	8855.7	9303.5	9577.1	9664.2	9931.6	9645.5	9141.8	8470.1	8806.0	9483.8
67.5°	7966.4	8065.9	8470.1	9005.0	8638.0	8700.2	8675.4	7947.7	7885.6	8613.2	9054.7
70°	7033.6	7102.0	7543.5	8171.6	7294.8	7002.5	7058.4	6517.4	6772.4	8016.2	8190.3
72.5°	5814.7	5858.2	6361.9	6915.4	5852.0	5329.6	5460.2	5018.6	5379.3	7014.9	6909.2
75°	4390.5	4471.4	4863.2	5516.2	4309.7	3973.9	4104.5	3924.1	4259.9	5777.4	5360.7
77.5°	3121.9	3059.7	3544.8	4315.9	3240.0	3041.0	3053.5	3084.6	3445.3	4869.4	3849.5
80°	2126.9	2145.5	2580.8	3165.4	2543.5	2512.4	2481.3	2730.1	2891.8	3855.7	2798.5
82.5°	1262.4	1262.4	1741.3	2251.2	2008.7	2263.7	2120.6	2344.5	2263.7	2835.8	1834.6
85°	590.8	590.8	895.5	1623.1	1554.7	1865.7	1585.8	1772.4	1672.9	1977.6	827.1
87.5°	99.5	87.1	180.3	796.0	640.5	727.6	286.1	945.3	1051.0	1380.6	205.2
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: P598910
 CATALOG NUMBER: IFLD-S-SA2E-730-U-SLL

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6
2.5°	4620.6	4577.1	4490.0	4378.1	4284.8	4166.7	4129.3	4048.5	3936.6	3924.1	3874.4
5°	4353.2	4204.0	4017.4	3787.3	3631.8	3470.1	3333.3	3252.5	3159.2	3146.8	3121.9
7.5°	4060.9	3874.4	3563.4	3289.8	3022.4	2767.4	2643.0	2487.6	2381.8	2301.0	2263.7
10°	3787.3	3613.2	3227.6	2854.5	2618.2	2450.2	2301.0	2139.3	2008.7	1909.2	1871.9
12.5°	3607.0	3401.7	2985.1	2630.6	2456.5	2263.7	2095.8	1921.6	1753.7	1623.1	1554.7
15°	3526.1	3333.3	2910.4	2518.7	2263.7	1996.3	1803.5	1629.3	1424.1	1330.8	1299.7
17.5°	3718.9	3432.8	2885.6	2388.1	2027.4	1722.6	1486.3	1299.7	1150.5	1057.2	1019.9
20°	3967.7	3613.2	2929.1	2232.6	1803.5	1461.4	1200.2	1001.2	901.7	833.3	827.1
22.5°	4284.8	3880.6	2997.5	2120.6	1554.7	1175.4	939.1	820.9	752.5	746.3	733.8
25°	4850.7	4365.7	3109.4	1971.4	1355.7	970.1	802.2	733.8	702.7	684.1	696.5
27.5°	5335.8	4682.8	3190.3	1878.1	1274.9	914.2	777.4	702.7	671.6	665.4	671.6
30°	5621.9	4975.1	3165.4	1704.0	1113.2	870.6	827.1	802.2	740.0	690.3	690.3
32.5°	5883.1	5161.7	3159.2	1548.5	951.5	727.6	690.3	671.6	709.0	733.8	715.2
35°	6243.8	5454.0	3140.5	1461.4	883.1	671.6	609.5	559.7	534.8	522.4	541.0
37.5°	6629.3	5653.0	3090.8	1449.0	845.8	640.5	590.8	541.0	516.2	503.7	497.5
40°	7052.2	5864.4	3034.8	1386.8	827.1	621.9	572.1	528.6	497.5	478.9	472.6
42.5°	7325.9	6032.3	2978.8	1355.7	789.8	609.5	553.5	516.2	485.1	460.2	460.2
45°	7481.3	6231.3	2922.9	1324.6	746.3	615.7	553.5	503.7	466.4	454.0	441.5
47.5°	7549.7	6380.6	2904.2	1274.9	709.0	590.8	541.0	491.3	454.0	429.1	422.9
50°	7730.1	6697.7	2972.6	1237.6	665.4	565.9	572.1	485.1	447.8	416.7	410.4
52.5°	7835.8	6952.7	3121.9	1181.6	634.3	534.8	559.7	472.6	429.1	398.0	398.0
55°	8221.4	7375.6	3283.6	1138.1	597.0	491.3	516.2	447.8	398.0	379.4	379.4
57.5°	8712.7	7823.4	3420.4	1119.4	572.1	460.2	460.2	435.3	379.4	354.5	348.3
60°	9054.7	8190.3	3501.2	1107.0	547.3	429.1	410.4	435.3	360.7	335.8	329.6
62.5°	9092.0	7978.8	3420.4	1100.7	541.0	398.0	373.1	416.7	342.0	317.2	304.7
65°	8855.7	7549.7	3196.5	1075.9	534.8	366.9	348.3	360.7	317.2	298.5	286.1
67.5°	8383.1	6853.2	2873.1	1063.4	528.6	342.0	317.2	310.9	292.3	273.6	261.2
70°	7282.3	5945.3	2493.8	1007.5	516.2	323.4	286.1	279.9	261.2	248.8	242.5
72.5°	6113.2	4863.2	2058.5	932.8	491.3	292.3	261.2	248.8	242.5	223.9	217.7
75°	4682.8	3743.8	1648.0	827.1	429.1	261.2	230.1	217.7	211.4	199.0	192.8
77.5°	3289.8	2786.1	1218.9	671.6	360.7	236.3	205.2	192.8	186.6	167.9	167.9
80°	2232.6	1952.7	827.1	466.4	279.9	192.8	180.3	167.9	155.5	143.0	143.0
82.5°	1386.8	1368.2	597.0	304.7	205.2	155.5	143.0	143.0	124.4	111.9	111.9
85°	634.3	839.6	416.7	211.4	155.5	118.2	118.2	111.9	99.5	80.8	80.8
87.5°	199.0	279.9	217.7	93.3	87.1	68.4	68.4	62.2	62.2	49.8	49.8
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: P598910
 CATALOG NUMBER: IFLD-S-SA2E-730-U-SLL

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6
2.5°	3924.1	3917.9	3917.9	3893.0	3955.2	3955.2	3992.5	3961.4	3980.1	3986.3	4036.1
5°	3115.7	3165.4	3202.7	3277.4	3320.9	3339.5	3339.5	3389.3	3370.6	3408.0	3482.6
7.5°	2282.3	2344.5	2456.5	2549.7	2624.4	2649.2	2643.0	2655.5	2674.1	2630.6	2643.0
10°	1847.0	1803.5	1840.8	1927.9	1996.3	2077.1	2014.9	2008.7	2027.4	2008.7	2046.0
12.5°	1542.3	1492.5	1461.4	1461.4	1511.2	1548.5	1529.8	1560.9	1629.3	1648.0	1691.5
15°	1250.0	1206.5	1181.6	1150.5	1200.2	1212.7	1231.3	1274.9	1324.6	1349.5	1399.3
17.5°	1001.2	1001.2	1001.2	976.4	995.0	1013.7	1019.9	1075.9	1082.1	1107.0	1125.6
20°	820.9	839.6	870.6	883.1	901.7	901.7	889.3	920.4	895.5	914.2	926.6
22.5°	740.0	764.9	777.4	783.6	808.5	814.7	783.6	789.8	796.0	777.4	783.6
25°	696.5	709.0	696.5	702.7	709.0	696.5	702.7	715.2	709.0	721.4	715.2
27.5°	677.9	665.4	659.2	653.0	653.0	640.5	646.8	646.8	659.2	665.4	665.4
30°	677.9	659.2	634.3	615.7	615.7	597.0	609.5	621.9	628.1	640.5	640.5
32.5°	696.5	659.2	615.7	597.0	578.4	565.9	578.4	597.0	621.9	628.1	634.3
35°	553.5	572.1	565.9	541.0	534.8	534.8	528.6	528.6	509.9	509.9	503.7
37.5°	497.5	491.3	503.7	509.9	516.2	497.5	497.5	472.6	466.4	472.6	472.6
40°	466.4	466.4	466.4	485.1	491.3	478.9	460.2	447.8	447.8	447.8	454.0
42.5°	454.0	441.5	435.3	447.8	466.4	454.0	435.3	429.1	429.1	435.3	435.3
45°	435.3	429.1	422.9	416.7	441.5	422.9	416.7	410.4	410.4	410.4	416.7
47.5°	416.7	410.4	398.0	398.0	404.2	398.0	391.8	391.8	391.8	404.2	404.2
50°	404.2	398.0	385.6	385.6	385.6	385.6	379.4	379.4	379.4	385.6	391.8
52.5°	385.6	379.4	373.1	366.9	366.9	366.9	366.9	366.9	366.9	373.1	379.4
55°	366.9	360.7	354.5	354.5	360.7	360.7	354.5	360.7	354.5	360.7	366.9
57.5°	348.3	342.0	335.8	342.0	348.3	342.0	342.0	342.0	342.0	342.0	348.3
60°	323.4	323.4	323.4	323.4	335.8	335.8	335.8	335.8	323.4	329.6	335.8
62.5°	310.9	304.7	304.7	310.9	317.2	317.2	323.4	317.2	310.9	317.2	317.2
65°	286.1	286.1	286.1	292.3	292.3	298.5	298.5	298.5	292.3	298.5	298.5
67.5°	267.4	267.4	267.4	267.4	279.9	279.9	279.9	279.9	273.6	273.6	279.9
70°	236.3	242.5	236.3	248.8	261.2	255.0	261.2	261.2	255.0	248.8	261.2
72.5°	217.7	217.7	217.7	217.7	236.3	236.3	236.3	242.5	236.3	230.1	236.3
75°	192.8	192.8	192.8	199.0	211.4	211.4	211.4	211.4	211.4	205.2	205.2
77.5°	167.9	174.1	167.9	174.1	186.6	180.3	186.6	192.8	186.6	180.3	180.3
80°	143.0	143.0	143.0	149.3	155.5	155.5	155.5	161.7	155.5	149.3	149.3
82.5°	111.9	111.9	118.2	118.2	124.4	124.4	124.4	130.6	124.4	118.2	118.2
85°	87.1	87.1	87.1	93.3	93.3	99.5	99.5	105.7	105.7	99.5	99.5
87.5°	56.0	49.8	56.0	56.0	62.2	62.2	56.0	49.8	56.0	49.8	43.5
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: P598910
 CATALOG NUMBER: IFLD-S-SA2E-730-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6	4477.6
2.5°	4085.8	4197.8	4278.6	4334.6	4415.4	4570.9	4633.1	4745.0	4776.1	4794.8
5°	3513.7	3631.8	3806.0	3930.3	4073.4	4365.7	4589.5	4757.5	4832.1	4900.5
7.5°	2755.0	2910.4	3090.8	3252.5	3488.8	3849.5	4141.8	4490.0	4620.6	4689.0
10°	2151.7	2294.8	2493.8	2692.8	3022.4	3327.1	3743.8	4060.9	4241.3	4291.0
12.5°	1815.9	1983.8	2220.1	2462.7	2667.9	3016.2	3439.0	3899.2	4067.2	4098.3
15°	1542.3	1772.4	2014.9	2263.7	2500.0	2804.7	3258.7	3818.4	4067.2	4098.3
17.5°	1274.9	1480.1	1766.2	2033.6	2307.2	2723.9	3289.8	3886.8	4135.6	4228.8
20°	1013.7	1212.7	1436.6	1772.4	2145.5	2587.1	3358.2	4116.9	4446.5	4546.0
22.5°	839.6	926.6	1144.3	1467.7	1909.2	2493.8	3426.6	4477.6	4825.9	4863.2
25°	733.8	796.0	932.8	1237.6	1722.6	2431.6	3588.3	4894.3	5342.0	5342.0
27.5°	684.1	709.0	802.2	1075.9	1592.0	2375.6	3750.0	5354.5	5771.1	5858.2
30°	671.6	733.8	783.6	957.7	1449.0	2220.1	3899.2	5715.2	6144.3	6150.5
32.5°	659.2	646.8	684.1	833.3	1274.9	2058.5	4023.6	6082.1	6417.9	6436.6
35°	516.2	541.0	603.2	733.8	1144.3	1940.3	4085.8	6281.1	6766.2	6784.8
37.5°	485.1	516.2	565.9	677.9	1057.2	1840.8	4104.5	6666.7	7133.1	7170.4
40°	472.6	497.5	534.8	628.1	988.8	1716.4	4141.8	7064.7	7674.1	7624.4
42.5°	447.8	478.9	516.2	603.2	932.8	1623.1	4148.0	7282.3	7960.2	7960.2
45°	441.5	460.2	503.7	603.2	870.6	1542.3	4048.5	7500.0	8289.8	8190.3
47.5°	416.7	454.0	491.3	584.6	796.0	1461.4	3930.3	7611.9	8333.3	8302.2
50°	410.4	447.8	509.9	553.5	752.5	1424.1	3905.5	7891.8	8420.4	8414.2
52.5°	398.0	435.3	528.6	528.6	696.5	1374.4	4023.6	8016.2	8439.0	8488.8
55°	379.4	435.3	491.3	485.1	646.8	1312.2	4154.2	8339.5	8768.6	8756.2
57.5°	366.9	422.9	466.4	441.5	590.8	1268.7	4347.0	8650.5	9166.6	9079.6
60°	348.3	422.9	416.7	410.4	547.3	1231.3	4508.7	8712.7	9253.7	9309.7
62.5°	335.8	441.5	366.9	379.4	509.9	1212.7	4440.3	8246.3	9135.6	9185.3
65°	323.4	379.4	335.8	348.3	497.5	1175.4	4172.9	7686.6	8625.6	8843.3
67.5°	298.5	310.9	310.9	323.4	485.1	1088.3	3625.6	6679.1	7848.2	7966.4
70°	273.6	279.9	279.9	298.5	472.6	988.8	2991.3	5777.4	6809.7	7033.6
72.5°	248.8	248.8	248.8	273.6	435.3	908.0	2462.7	4440.3	5659.2	5814.7
75°	217.7	217.7	217.7	242.5	391.8	827.1	1940.3	3302.2	4166.7	4390.5
77.5°	192.8	192.8	186.6	217.7	342.0	671.6	1399.3	2332.1	2935.3	3121.9
80°	161.7	155.5	155.5	174.1	267.4	485.1	901.7	1648.0	2046.0	2126.9
82.5°	130.6	124.4	118.2	130.6	192.8	304.7	559.7	1150.5	1312.2	1262.4
85°	124.4	130.6	105.7	99.5	136.8	199.0	354.5	709.0	590.8	590.8
87.5°	49.8	43.5	43.5	37.3	68.4	74.6	155.5	130.6	99.5	99.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)