

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: P599082

Luminaire Tested: **IFLD-S-SA2C-830-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599082
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2C-830-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

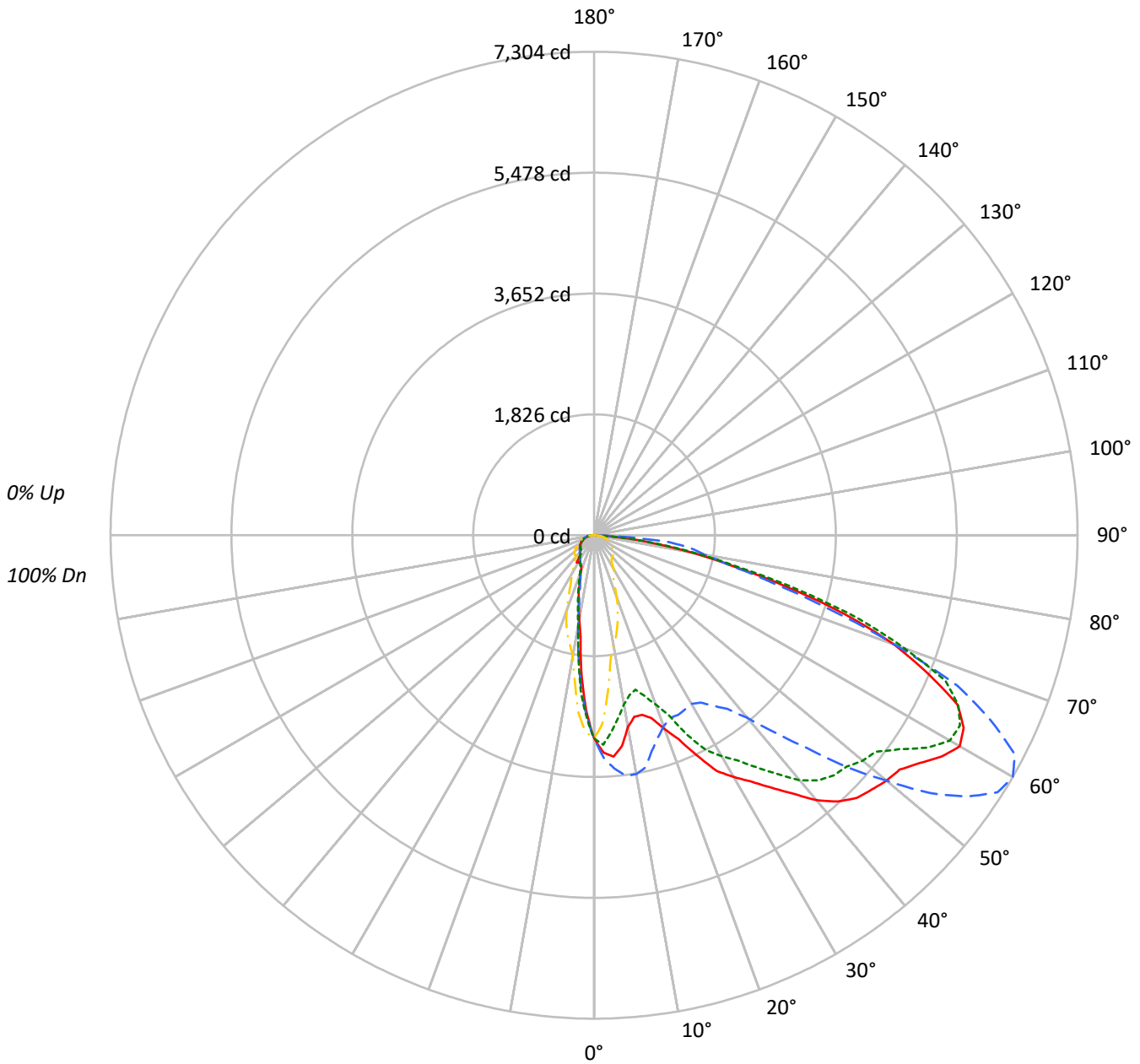
Lumens per Lamp: N/A
 Luminaire Lumens: 9606.7 lumens
 Efficiency: N/A
 Efficacy: 88.8 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 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: P599082
CATALOG NUMBER: IFLD-S-SA2C-830-U-SLL

Luminous Intensity Polar Plot



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

TEST NUMBER: P599082

CATALOG NUMBER: IFLD-S-SA2C-830-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	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°	66054	66054	66054	66054
5°	72569	64465	46230	50466
10°	64279	56733	28040	30090
15°	62592	53853	19851	20611
20°	71367	62288	12985	14350
25°	86954	78956	11337	11741
30°	104770	95764	11758	10910
35°	122189	112444	9745	9182
40°	146828	135809	9102	8622
45°	170872	156082	9213	8564
50°	193108	177407	9421	8848
55°	225207	211451	9758	9278
60°	274678	267152	9726	9726
65°	308686	309124	9984	10422
70°	303373	314105	10461	10732
75°	250255	266915	10988	11695
80°	180692	189668	12149	12683
85°	99987	107373	13684	16846

TEST NUMBER: P599082
 CATALOG NUMBER: IFLD-S-SA2C-830-U-SLL

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	238.4	2.5
10°-20°	503.3	5.2
20°-30°	736.3	7.7
30°-40°	1037.5	10.8
40°-50°	1425.8	14.8
50°-60°	1943.2	20.2
60°-70°	2126.7	22.1
70°-80°	1227.8	12.8
80°-90°	367.7	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°	1478.0	15.4
0°-40°	2515.5	26.2
0°-60°	5884.4	61.3
0°-90°	9606.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9606.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3068	3068	3068	3068	3068	
5°	3358	2983	2139	2335	3358	305
15°	2808	2416	891	925	2808	821
25°	3661	3324	477	494	3661	1714
35°	4649	4279	371	349	4649	2948
45°	5612	5127	303	281	5612	4314
55°	6000	5634	260	247	6000	5414
65°	6060	6068	196	205	6060	5800
75°	3009	3209	132	141	3009	3232
85°	405	435	55	68	405	562
90°	0	0	0	0	0	

TEST NUMBER: P599082
 CATALOG NUMBER: IFLD-S-SA2C-830-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3
2.5°	3285.7	3272.9	3285.7	3332.5	3345.3	3366.6	3366.6	3336.8	3281.4	3255.8	3213.2
5°	3358.1	3336.8	3443.3	3541.4	3618.1	3609.5	3537.1	3477.4	3366.6	3200.4	3042.8
7.5°	3213.2	3234.5	3311.2	3566.9	3745.9	3780.0	3664.9	3545.6	3307.0	3076.8	2863.8
10°	2940.5	2970.3	3136.5	3400.7	3682.0	3737.4	3664.9	3520.0	3234.5	2949.0	2701.8
12.5°	2808.4	2876.6	2974.6	3294.2	3494.5	3626.6	3592.5	3498.7	3179.1	2842.5	2603.8
15°	2808.4	2825.4	2970.3	3238.8	3353.8	3358.1	3370.9	3387.9	3196.2	2889.3	2569.7
17.5°	2897.9	2944.7	3068.3	3234.5	3255.8	3204.7	3204.7	3277.1	3230.3	3021.4	2693.3
20°	3115.2	3098.2	3260.1	3328.3	3213.2	3085.4	3072.6	3196.2	3268.6	3162.1	2919.2
22.5°	3332.5	3409.2	3541.4	3387.9	3174.9	3004.4	2987.4	3140.8	3383.7	3405.0	3179.1
25°	3660.7	3737.4	3805.6	3618.1	3170.6	2983.1	2995.9	3115.2	3524.3	3750.2	3613.8
27.5°	4014.4	4061.3	4159.3	3869.5	3272.9	2957.5	2970.3	3149.3	3656.4	3976.0	3954.7
30°	4214.7	4265.8	4244.5	3916.4	3341.1	2974.6	2940.5	3196.2	3584.0	3976.0	4176.3
32.5°	4410.7	4380.9	4368.1	3993.1	3426.3	3081.1	2995.9	3294.2	3626.6	4040.0	4461.9
35°	4649.4	4606.7	4572.7	4142.2	3566.9	3183.4	3145.0	3422.0	3720.3	4172.1	4692.0
37.5°	4913.6	4913.6	4747.4	4253.0	3733.1	3349.6	3307.0	3605.3	3869.5	4253.0	5007.3
40°	5224.7	5237.5	4943.4	4402.2	3920.6	3613.8	3601.0	3843.9	4014.4	4372.4	5309.9
42.5°	5454.8	5463.3	5113.9	4457.6	4138.0	3980.3	4035.7	4227.5	4180.6	4478.9	5331.2
45°	5612.5	5569.9	5233.2	4615.3	4376.6	4530.0	4547.1	4602.5	4397.9	4542.8	5416.4
47.5°	5689.2	5680.7	5284.3	4798.5	4879.5	5088.3	5186.3	5109.6	4598.2	4474.6	5416.4
50°	5765.9	5693.4	5331.2	5049.9	5369.6	5791.5	5770.2	5629.5	4875.2	4559.9	5335.5
52.5°	5817.0	5753.1	5425.0	5275.8	5838.3	6315.6	6400.9	6140.9	5199.1	4717.5	5373.8
55°	6000.3	5949.1	5706.2	5582.6	6379.6	6869.6	6882.4	6520.2	5540.0	4977.5	5625.3
57.5°	6221.9	6251.7	6094.0	6017.3	6792.9	7274.5	7227.6	6801.4	5829.8	5292.9	5915.0
60°	6379.6	6426.4	6388.1	6396.6	6997.5	7410.9	7304.3	6976.2	6042.9	5531.5	6268.8
62.5°	6294.3	6388.1	6545.8	6511.7	7006.0	7312.8	7163.7	6746.0	6068.5	5842.6	6537.2
65°	6059.9	6068.5	6375.3	6562.8	6622.5	6805.7	6609.7	6264.5	5804.2	6034.4	6498.9
67.5°	5459.1	5527.2	5804.2	6170.7	5919.3	5961.9	5944.9	5446.3	5403.7	5902.3	6204.8
70°	4819.8	4866.7	5169.3	5599.7	4998.8	4798.5	4836.9	4466.1	4640.8	5493.2	5612.5
72.5°	3984.6	4014.4	4359.6	4738.9	4010.1	3652.2	3741.6	3439.1	3686.2	4807.0	4734.6
75°	3008.7	3064.1	3332.5	3780.0	2953.3	2723.1	2812.6	2689.0	2919.2	3959.0	3673.5
77.5°	2139.3	2096.7	2429.1	2957.5	2220.3	2083.9	2092.4	2113.7	2360.9	3336.8	2637.9
80°	1457.5	1470.2	1768.5	2169.1	1743.0	1721.7	1700.4	1870.8	1981.6	2642.2	1917.7
82.5°	865.1	865.1	1193.2	1542.7	1376.5	1551.2	1453.2	1606.6	1551.2	1943.3	1257.2
85°	404.8	404.8	613.7	1112.3	1065.4	1278.5	1086.7	1214.5	1146.4	1355.2	566.8
87.5°	68.2	59.7	123.6	545.5	438.9	498.6	196.0	647.8	720.2	946.1	140.6
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: P599082
 CATALOG NUMBER: IFLD-S-SA2C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3
2.5°	3166.3	3136.5	3076.8	3000.1	2936.2	2855.2	2829.7	2774.3	2697.6	2689.0	2655.0
5°	2983.1	2880.8	2753.0	2595.3	2488.8	2378.0	2284.2	2228.8	2164.9	2156.3	2139.3
7.5°	2782.8	2655.0	2441.9	2254.4	2071.1	1896.4	1811.2	1704.6	1632.2	1576.8	1551.2
10°	2595.3	2476.0	2211.7	1956.1	1794.1	1679.1	1576.8	1466.0	1376.5	1308.3	1282.7
12.5°	2471.7	2331.1	2045.5	1802.6	1683.3	1551.2	1436.1	1316.8	1201.8	1112.3	1065.4
15°	2416.3	2284.2	1994.4	1725.9	1551.2	1368.0	1235.9	1116.5	975.9	912.0	890.7
17.5°	2548.4	2352.4	1977.4	1636.4	1389.3	1180.5	1018.5	890.7	788.4	724.5	698.9
20°	2718.9	2476.0	2007.2	1529.9	1235.9	1001.5	822.5	686.1	617.9	571.0	566.8
22.5°	2936.2	2659.2	2054.1	1453.2	1065.4	805.4	643.5	562.5	515.6	511.4	502.9
25°	3324.0	2991.6	2130.8	1350.9	929.0	664.8	549.7	502.9	481.6	468.8	477.3
27.5°	3656.4	3209.0	2186.2	1287.0	873.6	626.4	532.7	481.6	460.2	456.0	460.2
30°	3852.4	3409.2	2169.1	1167.7	762.8	596.6	566.8	549.7	507.1	473.0	473.0
32.5°	4031.4	3537.1	2164.9	1061.1	652.0	498.6	473.0	460.2	485.8	502.9	490.1
35°	4278.6	3737.4	2152.1	1001.5	605.1	460.2	417.6	383.5	366.5	358.0	370.8
37.5°	4542.8	3873.8	2118.0	992.9	579.6	438.9	404.8	370.8	353.7	345.2	340.9
40°	4832.6	4018.7	2079.6	950.3	566.8	426.2	392.1	362.2	340.9	328.1	323.9
42.5°	5020.1	4133.7	2041.3	929.0	541.2	417.6	379.3	353.7	332.4	315.4	315.4
45°	5126.7	4270.1	2002.9	907.7	511.4	421.9	379.3	345.2	319.6	311.1	302.6
47.5°	5173.5	4372.4	1990.1	873.6	485.8	404.8	370.8	336.7	311.1	294.0	289.8
50°	5297.1	4589.7	2037.0	848.1	456.0	387.8	392.1	332.4	306.8	285.5	281.3
52.5°	5369.6	4764.4	2139.3	809.7	434.7	366.5	383.5	323.9	294.0	272.7	272.7
55°	5633.8	5054.2	2250.1	779.9	409.1	336.7	353.7	306.8	272.7	260.0	260.0
57.5°	5970.4	5361.0	2343.9	767.1	392.1	315.4	315.4	298.3	260.0	242.9	238.6
60°	6204.8	5612.5	2399.3	758.6	375.0	294.0	281.3	298.3	247.2	230.1	225.9
62.5°	6230.4	5467.6	2343.9	754.3	370.8	272.7	255.7	285.5	234.4	217.3	208.8
65°	6068.5	5173.5	2190.4	737.2	366.5	251.4	238.6	247.2	217.3	204.6	196.0
67.5°	5744.6	4696.2	1968.8	728.7	362.2	234.4	217.3	213.1	200.3	187.5	179.0
70°	4990.3	4074.1	1708.9	690.4	353.7	221.6	196.0	191.8	179.0	170.5	166.2
72.5°	4189.1	3332.5	1410.6	639.2	336.7	200.3	179.0	170.5	166.2	153.4	149.2
75°	3209.0	2565.5	1129.3	566.8	294.0	179.0	157.7	149.2	144.9	136.4	132.1
77.5°	2254.4	1909.2	835.3	460.2	247.2	161.9	140.6	132.1	127.8	115.1	115.1
80°	1529.9	1338.1	566.8	319.6	191.8	132.1	123.6	115.1	106.5	98.0	98.0
82.5°	950.3	937.5	409.1	208.8	140.6	106.5	98.0	98.0	85.2	76.7	76.7
85°	434.7	575.3	285.5	144.9	106.5	81.0	81.0	76.7	68.2	55.4	55.4
87.5°	136.4	191.8	149.2	63.9	59.7	46.9	46.9	42.6	42.6	34.1	34.1
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: P599082
 CATALOG NUMBER: IFLD-S-SA2C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3
2.5°	2689.0	2684.8	2684.8	2667.7	2710.4	2710.4	2735.9	2714.6	2727.4	2731.7	2765.8
5°	2135.0	2169.1	2194.7	2245.8	2275.7	2288.5	2288.5	2322.6	2309.8	2335.3	2386.5
7.5°	1564.0	1606.6	1683.3	1747.2	1798.4	1815.4	1811.2	1819.7	1832.5	1802.6	1811.2
10°	1265.7	1235.9	1261.4	1321.1	1368.0	1423.4	1380.7	1376.5	1389.3	1376.5	1402.1
12.5°	1056.9	1022.8	1001.5	1001.5	1035.6	1061.1	1048.3	1069.7	1116.5	1129.3	1159.1
15°	856.6	826.7	809.7	788.4	822.5	831.0	843.8	873.6	907.7	924.8	958.9
17.5°	686.1	686.1	686.1	669.1	681.8	694.6	698.9	737.2	741.5	758.6	771.3
20°	562.5	575.3	596.6	605.1	617.9	617.9	609.4	630.7	613.7	626.4	635.0
22.5°	507.1	524.2	532.7	537.0	554.0	558.3	537.0	541.2	545.5	532.7	537.0
25°	477.3	485.8	477.3	481.6	485.8	477.3	481.6	490.1	485.8	494.3	490.1
27.5°	464.5	456.0	451.7	447.5	447.5	438.9	443.2	443.2	451.7	456.0	456.0
30°	464.5	451.7	434.7	421.9	421.9	409.1	417.6	426.2	430.4	438.9	438.9
32.5°	477.3	451.7	421.9	409.1	396.3	387.8	396.3	409.1	426.2	430.4	434.7
35°	379.3	392.1	387.8	370.8	366.5	366.5	362.2	362.2	349.4	349.4	345.2
37.5°	340.9	336.7	345.2	349.4	353.7	340.9	340.9	323.9	319.6	323.9	323.9
40°	319.6	319.6	319.6	332.4	336.7	328.1	315.4	306.8	306.8	306.8	311.1
42.5°	311.1	302.6	298.3	306.8	319.6	311.1	298.3	294.0	294.0	298.3	298.3
45°	298.3	294.0	289.8	285.5	302.6	289.8	285.5	281.3	281.3	281.3	285.5
47.5°	285.5	281.3	272.7	272.7	277.0	272.7	268.5	268.5	268.5	277.0	277.0
50°	277.0	272.7	264.2	264.2	264.2	264.2	260.0	260.0	260.0	264.2	268.5
52.5°	264.2	260.0	255.7	251.4	251.4	251.4	251.4	251.4	251.4	255.7	260.0
55°	251.4	247.2	242.9	242.9	247.2	247.2	242.9	247.2	242.9	247.2	251.4
57.5°	238.6	234.4	230.1	234.4	238.6	234.4	234.4	234.4	234.4	234.4	238.6
60°	221.6	221.6	221.6	221.6	230.1	230.1	230.1	230.1	221.6	225.9	230.1
62.5°	213.1	208.8	208.8	213.1	217.3	217.3	221.6	217.3	213.1	217.3	217.3
65°	196.0	196.0	196.0	200.3	200.3	204.6	204.6	204.6	200.3	204.6	204.6
67.5°	183.2	183.2	183.2	183.2	191.8	191.8	191.8	191.8	187.5	187.5	191.8
70°	161.9	166.2	161.9	170.5	179.0	174.7	179.0	179.0	174.7	170.5	179.0
72.5°	149.2	149.2	149.2	149.2	161.9	161.9	161.9	166.2	161.9	157.7	161.9
75°	132.1	132.1	132.1	136.4	144.9	144.9	144.9	144.9	144.9	140.6	140.6
77.5°	115.1	119.3	115.1	119.3	127.8	123.6	127.8	132.1	127.8	123.6	123.6
80°	98.0	98.0	98.0	102.3	106.5	106.5	106.5	110.8	106.5	102.3	102.3
82.5°	76.7	76.7	81.0	81.0	85.2	85.2	85.2	89.5	85.2	81.0	81.0
85°	59.7	59.7	59.7	63.9	63.9	68.2	68.2	72.4	72.4	68.2	68.2
87.5°	38.4	34.1	38.4	38.4	42.6	42.6	38.4	34.1	38.4	34.1	29.8
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: P599082
 CATALOG NUMBER: IFLD-S-SA2C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3	3068.3
2.5°	2799.8	2876.6	2932.0	2970.3	3025.7	3132.2	3174.9	3251.6	3272.9	3285.7
5°	2407.8	2488.8	2608.1	2693.3	2791.3	2991.6	3145.0	3260.1	3311.2	3358.1
7.5°	1887.9	1994.4	2118.0	2228.8	2390.7	2637.9	2838.2	3076.8	3166.3	3213.2
10°	1474.5	1572.5	1708.9	1845.3	2071.1	2279.9	2565.5	2782.8	2906.4	2940.5
12.5°	1244.4	1359.4	1521.4	1687.6	1828.2	2066.9	2356.6	2672.0	2787.1	2808.4
15°	1056.9	1214.5	1380.7	1551.2	1713.1	1922.0	2233.1	2616.6	2787.1	2808.4
17.5°	873.6	1014.3	1210.3	1393.5	1581.0	1866.6	2254.4	2663.5	2833.9	2897.9
20°	694.6	831.0	984.4	1214.5	1470.2	1772.8	2301.2	2821.2	3047.0	3115.2
22.5°	575.3	635.0	784.1	1005.7	1308.3	1708.9	2348.1	3068.3	3307.0	3332.5
25°	502.9	545.5	639.2	848.1	1180.5	1666.3	2458.9	3353.8	3660.7	3660.7
27.5°	468.8	485.8	549.7	737.2	1091.0	1627.9	2569.7	3669.2	3954.7	4014.4
30°	460.2	502.9	537.0	656.3	992.9	1521.4	2672.0	3916.4	4210.4	4214.7
32.5°	451.7	443.2	468.8	571.0	873.6	1410.6	2757.2	4167.8	4397.9	4410.7
35°	353.7	370.8	413.4	502.9	784.1	1329.6	2799.8	4304.2	4636.6	4649.4
37.5°	332.4	353.7	387.8	464.5	724.5	1261.4	2812.6	4568.4	4888.0	4913.6
40°	323.9	340.9	366.5	430.4	677.6	1176.2	2838.2	4841.1	5258.8	5224.7
42.5°	306.8	328.1	353.7	413.4	639.2	1112.3	2842.5	4990.3	5454.8	5454.8
45°	302.6	315.4	345.2	413.4	596.6	1056.9	2774.3	5139.4	5680.7	5612.5
47.5°	285.5	311.1	336.7	400.6	545.5	1001.5	2693.3	5216.1	5710.5	5689.2
50°	281.3	306.8	349.4	379.3	515.6	975.9	2676.3	5407.9	5770.2	5765.9
52.5°	272.7	298.3	362.2	362.2	477.3	941.8	2757.2	5493.2	5782.9	5817.0
55°	260.0	298.3	336.7	332.4	443.2	899.2	2846.7	5714.8	6008.8	6000.3
57.5°	251.4	289.8	319.6	302.6	404.8	869.4	2978.8	5927.8	6281.5	6221.9
60°	238.6	289.8	285.5	281.3	375.0	843.8	3089.6	5970.4	6341.2	6379.6
62.5°	230.1	302.6	251.4	260.0	349.4	831.0	3042.8	5650.8	6260.2	6294.3
65°	221.6	260.0	230.1	238.6	340.9	805.4	2859.5	5267.3	5910.8	6059.9
67.5°	204.6	213.1	213.1	221.6	332.4	745.8	2484.5	4576.9	5378.1	5459.1
70°	187.5	191.8	191.8	204.6	323.9	677.6	2049.8	3959.0	4666.4	4819.8
72.5°	170.5	170.5	170.5	187.5	298.3	622.2	1687.6	3042.8	3878.0	3984.6
75°	149.2	149.2	149.2	166.2	268.5	566.8	1329.6	2262.9	2855.2	3008.7
77.5°	132.1	132.1	127.8	149.2	234.4	460.2	958.9	1598.1	2011.5	2139.3
80°	110.8	106.5	106.5	119.3	183.2	332.4	617.9	1129.3	1402.1	1457.5
82.5°	89.5	85.2	81.0	89.5	132.1	208.8	383.5	788.4	899.2	865.1
85°	85.2	89.5	72.4	68.2	93.8	136.4	242.9	485.8	404.8	404.8
87.5°	34.1	29.8	29.8	25.6	46.9	51.1	106.5	89.5	68.2	68.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)