

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: P598880

Luminaire Tested: **IFLD-S-SA2D-727-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598880
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2D-727-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 2700K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

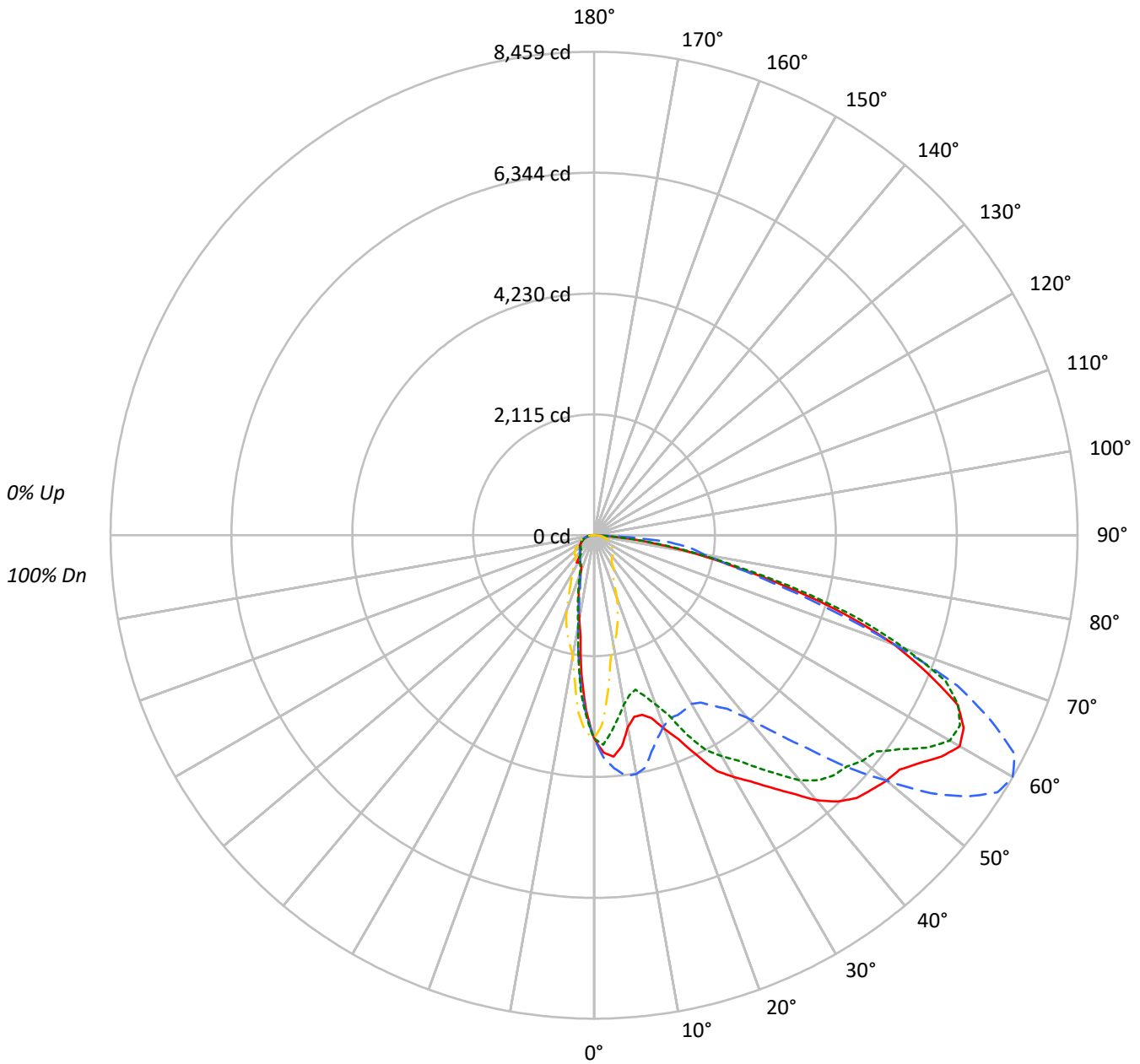
Lumens per Lamp: N/A
 Luminaire Lumens: 11125.3 lumens
 Efficiency: N/A
 Efficacy: 89.8 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P598880
CATALOG NUMBER: IFLD-S-SA2D-727-U-SLL

Luminous Intensity Polar Plot



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

TEST NUMBER: P598880
 CATALOG NUMBER: IFLD-S-SA2D-727-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	102	102	102	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	80	80	80	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	62	62	62	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	50	50	50	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	40	40	40	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	34	34	34	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	29	29	29	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	25	25	25	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	22	22	22	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	19	19	19	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	17	17	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	76497	76497	76497	76497
5°	84042	74656	53539	58444
10°	74440	65702	32473	34847
15°	72485	62366	22989	23867
20°	82650	72135	15038	16621
25°	100700	91438	13128	13599
30°	121330	110905	13617	12635
35°	141503	130221	11285	10636
40°	170038	157279	10541	9985
45°	197883	180755	10668	9916
50°	223635	205453	10908	10248
55°	260807	244878	11297	10742
60°	318095	309385	11263	11263
65°	357486	357990	11563	12067
70°	351330	363761	12117	12425
75°	289814	309103	12726	13550
80°	209243	219644	14071	14679
85°	115796	124342	15858	19513

TEST NUMBER: P598880
 CATALOG NUMBER: IFLD-S-SA2D-727-U-SLL

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	276.1	2.5
10°-20°	582.8	5.2
20°-30°	852.7	7.7
30°-40°	1201.5	10.8
40°-50°	1651.2	14.8
50°-60°	2250.4	20.2
60°-70°	2462.9	22.1
70°-80°	1421.9	12.8
80°-90°	425.8	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°	1711.6	15.4
0°-40°	2913.1	26.2
0°-60°	6814.6	61.3
0°-90°	11125.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11125.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3553	3553	3553	3553	3553	
5°	3889	3455	2478	2704	3889	353
15°	3252	2798	1032	1071	3252	950
25°	4239	3850	553	572	4239	1985
35°	5384	4955	429	405	5384	3414
45°	6500	5937	350	326	6500	4996
55°	6949	6524	301	286	6949	6270
65°	7018	7028	227	237	7018	6717
75°	3484	3716	153	163	3484	3743
85°	469	503	64	79	469	651
90°	0	0	0	0	0	

TEST NUMBER: P598880
 CATALOG NUMBER: IFLD-S-SA2D-727-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4
2.5°	3805.1	3790.3	3805.1	3859.4	3874.2	3898.8	3898.8	3864.3	3800.1	3770.5	3721.2
5°	3889.0	3864.3	3987.7	4101.2	4190.0	4180.1	4096.2	4027.1	3898.8	3706.4	3523.8
7.5°	3721.2	3745.8	3834.7	4130.8	4338.1	4377.6	4244.3	4106.1	3829.7	3563.2	3316.5
10°	3405.3	3439.9	3632.3	3938.3	4264.0	4328.2	4244.3	4076.5	3745.8	3415.2	3128.9
12.5°	3252.3	3331.3	3444.8	3814.9	4046.9	4199.9	4160.4	4051.8	3681.7	3291.8	3015.4
15°	3252.3	3272.1	3439.9	3750.8	3884.0	3889.0	3903.8	3923.5	3701.4	3346.1	2975.9
17.5°	3356.0	3410.2	3553.4	3745.8	3770.5	3711.3	3711.3	3795.2	3740.9	3499.1	3119.1
20°	3607.7	3587.9	3775.5	3854.4	3721.2	3573.1	3558.3	3701.4	3785.3	3661.9	3380.6
22.5°	3859.4	3948.2	4101.2	3923.5	3676.7	3479.3	3459.6	3637.3	3918.6	3943.3	3681.7
25°	4239.4	4328.2	4407.2	4190.0	3671.8	3454.7	3469.5	3607.7	4081.4	4343.0	4185.1
27.5°	4649.0	4703.3	4816.8	4481.2	3790.3	3425.1	3439.9	3647.1	4234.4	4604.6	4579.9
30°	4880.9	4940.2	4915.5	4535.5	3869.2	3444.8	3405.3	3701.4	4150.5	4604.6	4836.5
32.5°	5108.0	5073.4	5058.6	4624.3	3967.9	3568.2	3469.5	3814.9	4199.9	4678.6	5167.2
35°	5384.3	5335.0	5295.5	4797.0	4130.8	3686.6	3642.2	3963.0	4308.5	4831.6	5433.7
37.5°	5690.3	5690.3	5497.8	4925.4	4323.3	3879.1	3829.7	4175.2	4481.2	4925.4	5798.9
40°	6050.6	6065.4	5724.9	5098.1	4540.4	4185.1	4170.3	4451.6	4649.0	5063.5	6149.3
42.5°	6317.1	6327.0	5922.3	5162.3	4792.1	4609.5	4673.7	4895.8	4841.5	5186.9	6174.0
45°	6499.7	6450.3	6060.5	5344.9	5068.5	5246.2	5265.9	5330.1	5093.2	5261.0	6272.7
47.5°	6588.5	6578.7	6119.7	5557.1	5650.8	5892.7	6006.2	5917.3	5325.1	5182.0	6272.7
50°	6677.4	6593.5	6174.0	5848.3	6218.4	6707.0	6682.3	6519.4	5645.9	5280.7	6178.9
52.5°	6736.6	6662.6	6282.6	6109.8	6761.3	7314.0	7412.7	7111.7	6021.0	5463.3	6223.3
55°	6948.8	6889.6	6608.3	6465.2	7388.0	7955.6	7970.4	7550.9	6415.8	5764.4	6514.5
57.5°	7205.4	7240.0	7057.4	6968.5	7866.8	8424.4	8370.2	7876.6	6751.4	6129.6	6850.1
60°	7388.0	7442.3	7397.9	7407.8	8103.7	8582.4	8459.0	8079.0	6998.2	6405.9	7259.7
62.5°	7289.3	7397.9	7580.5	7541.0	8113.5	8468.9	8296.1	7812.5	7027.8	6766.2	7570.6
65°	7017.9	7027.8	7383.1	7600.3	7669.4	7881.6	7654.5	7254.8	6721.8	6988.3	7526.2
67.5°	6322.0	6401.0	6721.8	7146.2	6855.0	6904.4	6884.6	6307.2	6257.9	6835.3	7185.7
70°	5581.7	5636.0	5986.4	6484.9	5789.0	5557.1	5601.5	5172.1	5374.5	6361.5	6499.7
72.5°	4614.4	4649.0	5048.7	5488.0	4644.1	4229.5	4333.1	3982.7	4269.0	5566.9	5483.0
75°	3484.3	3548.4	3859.4	4377.6	3420.1	3153.6	3257.3	3114.1	3380.6	4584.8	4254.2
77.5°	2477.5	2428.1	2813.1	3425.1	2571.3	2413.3	2423.2	2447.9	2734.1	3864.3	3054.9
80°	1687.8	1702.7	2048.1	2512.0	2018.5	1993.8	1969.2	2166.6	2294.9	3059.8	2220.9
82.5°	1001.9	1001.9	1381.9	1786.6	1594.1	1796.4	1682.9	1860.6	1796.4	2250.5	1455.9
85°	468.8	468.8	710.7	1288.1	1233.8	1480.6	1258.5	1406.5	1327.6	1569.4	656.4
87.5°	79.0	69.1	143.1	631.7	508.3	577.4	227.0	750.2	834.1	1095.6	162.9
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: P598880
 CATALOG NUMBER: IFLD-S-SA2D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4
2.5°	3666.9	3632.3	3563.2	3474.4	3400.4	3306.6	3277.0	3212.8	3124.0	3114.1	3074.7
5°	3454.7	3336.2	3188.2	3005.6	2882.2	2753.9	2645.3	2581.1	2507.1	2497.2	2477.5
7.5°	3222.7	3074.7	2827.9	2610.7	2398.5	2196.2	2097.5	1974.1	1890.2	1826.0	1796.4
10°	3005.6	2867.4	2561.4	2265.3	2077.7	1944.5	1826.0	1697.7	1594.1	1515.1	1485.5
12.5°	2862.4	2699.6	2368.9	2087.6	1949.4	1796.4	1663.2	1525.0	1391.7	1288.1	1233.8
15°	2798.3	2645.3	2309.7	1998.8	1796.4	1584.2	1431.2	1293.0	1130.2	1056.1	1031.5
17.5°	2951.3	2724.2	2289.9	1895.1	1608.9	1367.1	1179.5	1031.5	913.0	839.0	809.4
20°	3148.7	2867.4	2324.5	1771.7	1431.2	1159.8	952.5	794.6	715.6	661.3	656.4
22.5°	3400.4	3079.6	2378.8	1682.9	1233.8	932.8	745.2	651.5	597.2	592.2	582.4
25°	3849.5	3464.5	2467.6	1564.5	1075.9	769.9	636.6	582.4	557.7	542.9	552.7
27.5°	4234.4	3716.2	2531.8	1490.4	1011.7	725.5	616.9	557.7	533.0	528.1	533.0
30°	4461.5	3948.2	2512.0	1352.3	883.4	690.9	656.4	636.6	587.3	547.8	547.8
32.5°	4668.7	4096.2	2507.1	1228.9	755.1	577.4	547.8	533.0	562.6	582.4	567.6
35°	4955.0	4328.2	2492.3	1159.8	700.8	533.0	483.7	444.2	424.4	414.6	429.4
37.5°	5261.0	4486.1	2452.8	1149.9	671.2	508.3	468.8	429.4	409.6	399.8	394.8
40°	5596.6	4653.9	2408.4	1100.6	656.4	493.5	454.0	419.5	394.8	380.0	375.1
42.5°	5813.7	4787.2	2364.0	1075.9	626.8	483.7	439.2	409.6	384.9	365.2	365.2
45°	5937.1	4945.1	2319.6	1051.2	592.2	488.6	439.2	399.8	370.1	360.3	350.4
47.5°	5991.4	5063.5	2304.8	1011.7	562.6	468.8	429.4	389.9	360.3	340.5	335.6
50°	6134.5	5315.2	2359.0	982.1	528.1	449.1	454.0	384.9	355.3	330.7	325.7
52.5°	6218.4	5517.6	2477.5	937.7	503.4	424.4	444.2	375.1	340.5	315.9	315.9
55°	6524.4	5853.2	2605.8	903.1	473.8	389.9	409.6	355.3	315.9	301.0	301.0
57.5°	6914.3	6208.5	2714.4	888.3	454.0	365.2	365.2	345.5	301.0	281.3	276.4
60°	7185.7	6499.7	2778.5	878.5	434.3	340.5	325.7	345.5	286.2	266.5	261.6
62.5°	7215.3	6331.9	2714.4	873.5	429.4	315.9	296.1	330.7	271.4	251.7	241.8
65°	7027.8	5991.4	2536.7	853.8	424.4	291.2	276.4	286.2	251.7	236.9	227.0
67.5°	6652.7	5438.6	2280.1	843.9	419.5	271.4	251.7	246.8	232.0	217.2	207.3
70°	5779.2	4718.1	1979.0	799.5	409.6	256.6	227.0	222.1	207.3	197.4	192.5
72.5°	4851.3	3859.4	1633.6	740.3	389.9	232.0	207.3	197.4	192.5	177.7	172.7
75°	3716.2	2971.0	1307.8	656.4	340.5	207.3	182.6	172.7	167.8	157.9	153.0
77.5°	2610.7	2211.0	967.3	533.0	286.2	187.5	162.9	153.0	148.1	133.3	133.3
80°	1771.7	1549.7	656.4	370.1	222.1	153.0	143.1	133.3	123.4	113.5	113.5
82.5°	1100.6	1085.8	473.8	241.8	162.9	123.4	113.5	113.5	98.7	88.8	88.8
85°	503.4	666.3	330.7	167.8	123.4	93.8	93.8	88.8	79.0	64.2	64.2
87.5°	157.9	222.1	172.7	74.0	69.1	54.3	54.3	49.4	49.4	39.5	39.5
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: P598880
 CATALOG NUMBER: IFLD-S-SA2D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4
2.5°	3114.1	3109.2	3109.2	3089.5	3138.8	3138.8	3168.4	3143.7	3158.5	3163.5	3203.0
5°	2472.6	2512.0	2541.6	2600.9	2635.4	2650.2	2650.2	2689.7	2674.9	2704.5	2763.7
7.5°	1811.2	1860.6	1949.4	2023.4	2082.7	2102.4	2097.5	2107.3	2122.2	2087.6	2097.5
10°	1465.8	1431.2	1460.8	1529.9	1584.2	1648.4	1599.0	1594.1	1608.9	1594.1	1623.7
12.5°	1223.9	1184.5	1159.8	1159.8	1199.3	1228.9	1214.1	1238.7	1293.0	1307.8	1342.4
15°	992.0	957.4	937.7	913.0	952.5	962.4	977.2	1011.7	1051.2	1070.9	1110.4
17.5°	794.6	794.6	794.6	774.8	789.6	804.4	809.4	853.8	858.7	878.5	893.3
20°	651.5	666.3	690.9	700.8	715.6	715.6	705.7	730.4	710.7	725.5	735.3
22.5°	587.3	607.0	616.9	621.8	641.6	646.5	621.8	626.8	631.7	616.9	621.8
25°	552.7	562.6	552.7	557.7	562.6	552.7	557.7	567.6	562.6	572.5	567.6
27.5°	537.9	528.1	523.1	518.2	518.2	508.3	513.3	513.3	523.1	528.1	528.1
30°	537.9	523.1	503.4	488.6	488.6	473.8	483.7	493.5	498.5	508.3	508.3
32.5°	552.7	523.1	488.6	473.8	459.0	449.1	459.0	473.8	493.5	498.5	503.4
35°	439.2	454.0	449.1	429.4	424.4	424.4	419.5	419.5	404.7	404.7	399.8
37.5°	394.8	389.9	399.8	404.7	409.6	394.8	394.8	375.1	370.1	375.1	375.1
40°	370.1	370.1	370.1	384.9	389.9	380.0	365.2	355.3	355.3	355.3	360.3
42.5°	360.3	350.4	345.5	355.3	370.1	360.3	345.5	340.5	340.5	345.5	345.5
45°	345.5	340.5	335.6	330.7	350.4	335.6	330.7	325.7	325.7	325.7	330.7
47.5°	330.7	325.7	315.9	315.9	320.8	315.9	310.9	310.9	310.9	320.8	320.8
50°	320.8	315.9	306.0	306.0	306.0	306.0	301.0	301.0	301.0	306.0	310.9
52.5°	306.0	301.0	296.1	291.2	291.2	291.2	291.2	291.2	291.2	296.1	301.0
55°	291.2	286.2	281.3	281.3	286.2	286.2	281.3	286.2	281.3	286.2	291.2
57.5°	276.4	271.4	266.5	271.4	276.4	271.4	271.4	271.4	271.4	271.4	276.4
60°	256.6	256.6	256.6	256.6	266.5	266.5	266.5	266.5	256.6	261.6	266.5
62.5°	246.8	241.8	241.8	246.8	251.7	251.7	256.6	251.7	246.8	251.7	251.7
65°	227.0	227.0	227.0	232.0	232.0	236.9	236.9	236.9	232.0	236.9	236.9
67.5°	212.2	212.2	212.2	212.2	222.1	222.1	222.1	222.1	217.2	217.2	222.1
70°	187.5	192.5	187.5	197.4	207.3	202.3	207.3	207.3	202.3	197.4	207.3
72.5°	172.7	172.7	172.7	172.7	187.5	187.5	187.5	192.5	187.5	182.6	187.5
75°	153.0	153.0	153.0	157.9	167.8	167.8	167.8	167.8	167.8	162.9	162.9
77.5°	133.3	138.2	133.3	138.2	148.1	143.1	148.1	153.0	148.1	143.1	143.1
80°	113.5	113.5	113.5	118.4	123.4	123.4	123.4	128.3	123.4	118.4	118.4
82.5°	88.8	88.8	93.8	93.8	98.7	98.7	98.7	103.6	98.7	93.8	93.8
85°	69.1	69.1	69.1	74.0	74.0	79.0	79.0	83.9	83.9	79.0	79.0
87.5°	44.4	39.5	44.4	44.4	49.4	49.4	44.4	39.5	44.4	39.5	34.5
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: P598880
 CATALOG NUMBER: IFLD-S-SA2D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4	3553.4
2.5°	3242.4	3331.3	3395.4	3439.9	3504.0	3627.4	3676.7	3765.6	3790.3	3805.1
5°	2788.4	2882.2	3020.4	3119.1	3232.6	3464.5	3642.2	3775.5	3834.7	3889.0
7.5°	2186.3	2309.7	2452.8	2581.1	2768.7	3054.9	3286.9	3563.2	3666.9	3721.2
10°	1707.6	1821.1	1979.0	2137.0	2398.5	2640.3	2971.0	3222.7	3365.8	3405.3
12.5°	1441.1	1574.3	1761.9	1954.4	2117.2	2393.6	2729.2	3094.4	3227.6	3252.3
15°	1223.9	1406.5	1599.0	1796.4	1984.0	2225.8	2586.1	3030.2	3227.6	3252.3
17.5°	1011.7	1174.6	1401.6	1613.8	1831.0	2161.6	2610.7	3084.5	3281.9	3356.0
20°	804.4	962.4	1140.0	1406.5	1702.7	2053.1	2665.0	3267.1	3528.7	3607.7
22.5°	666.3	735.3	908.1	1164.7	1515.1	1979.0	2719.3	3553.4	3829.7	3859.4
25°	582.4	631.7	740.3	982.1	1367.1	1929.7	2847.6	3884.0	4239.4	4239.4
27.5°	542.9	562.6	636.6	853.8	1263.4	1885.3	2975.9	4249.2	4579.9	4649.0
30°	533.0	582.4	621.8	760.0	1149.9	1761.9	3094.4	4535.5	4876.0	4880.9
32.5°	523.1	513.3	542.9	661.3	1011.7	1633.6	3193.1	4826.7	5093.2	5108.0
35°	409.6	429.4	478.7	582.4	908.1	1539.8	3242.4	4984.6	5369.5	5384.3
37.5°	384.9	409.6	449.1	537.9	839.0	1460.8	3257.3	5290.6	5660.7	5690.3
40°	375.1	394.8	424.4	498.5	784.7	1362.1	3286.9	5606.4	6090.1	6050.6
42.5°	355.3	380.0	409.6	478.7	740.3	1288.1	3291.8	5779.2	6317.1	6317.1
45°	350.4	365.2	399.8	478.7	690.9	1223.9	3212.8	5951.9	6578.7	6499.7
47.5°	330.7	360.3	389.9	463.9	631.7	1159.8	3119.1	6040.7	6613.2	6588.5
50°	325.7	355.3	404.7	439.2	597.2	1130.2	3099.3	6262.8	6682.3	6677.4
52.5°	315.9	345.5	419.5	419.5	552.7	1090.7	3193.1	6361.5	6697.1	6736.6
55°	301.0	345.5	389.9	384.9	513.3	1041.3	3296.7	6618.1	6958.7	6948.8
57.5°	291.2	335.6	370.1	350.4	468.8	1006.8	3449.7	6864.9	7274.5	7205.4
60°	276.4	335.6	330.7	325.7	434.3	977.2	3578.0	6914.3	7343.6	7388.0
62.5°	266.5	350.4	291.2	301.0	404.7	962.4	3523.8	6544.1	7249.9	7289.3
65°	256.6	301.0	266.5	276.4	394.8	932.8	3311.5	6099.9	6845.2	7017.9
67.5°	236.9	246.8	246.8	256.6	384.9	863.7	2877.2	5300.4	6228.3	6322.0
70°	217.2	222.1	222.1	236.9	375.1	784.7	2373.8	4584.8	5404.1	5581.7
72.5°	197.4	197.4	197.4	217.2	345.5	720.5	1954.4	3523.8	4491.1	4614.4
75°	172.7	172.7	172.7	192.5	310.9	656.4	1539.8	2620.6	3306.6	3484.3
77.5°	153.0	153.0	148.1	172.7	271.4	533.0	1110.4	1850.7	2329.4	2477.5
80°	128.3	123.4	123.4	138.2	212.2	384.9	715.6	1307.8	1623.7	1687.8
82.5°	103.6	98.7	93.8	103.6	153.0	241.8	444.2	913.0	1041.3	1001.9
85°	98.7	103.6	83.9	79.0	108.6	157.9	281.3	562.6	468.8	468.8
87.5°	39.5	34.5	34.5	29.6	54.3	59.2	123.4	103.6	79.0	79.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)