

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: P599585

Luminaire Tested: **IFLD-S-SA6C-827-U-SLL-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599585
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6C-827-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (96) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

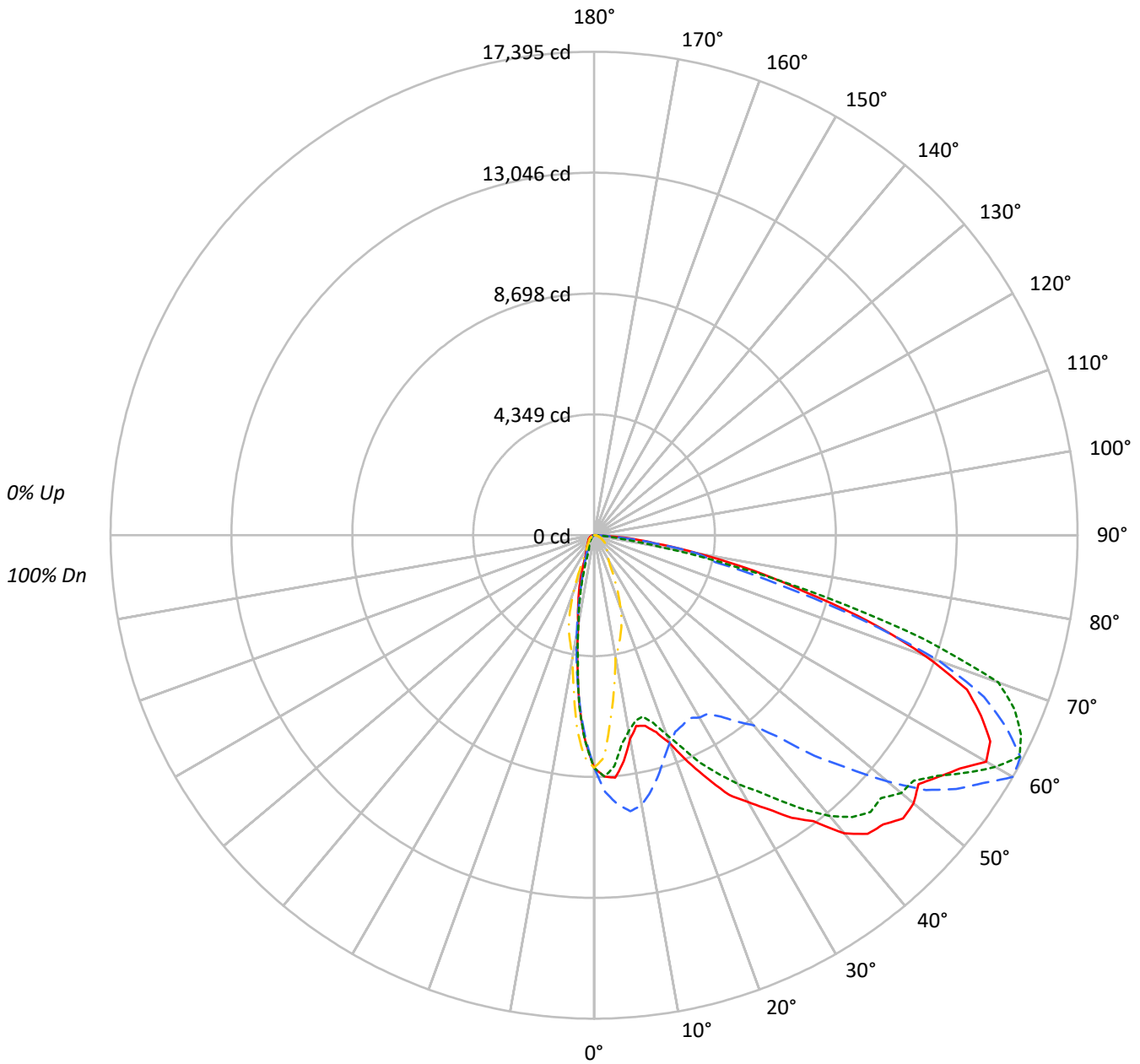
Lumens per Lamp: N/A
 Luminaire Lumens: 22246.9 lumens
 Efficiency: N/A
 Efficacy: 69.2 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 321.5
 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				
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79				
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61				
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48				
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39				
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32				
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27				
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23				
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20				
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18				
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	60025	60025	60025	60025
5°	63078	60040	43864	44121
10°	54241	52163	23982	23419
15°	52741	50137	15580	11740
20°	60792	58251	8347	4174
25°	76437	71498	5409	3245
30°	91807	85555	4381	2658
35°	108718	102004	3591	2134
40°	131169	123489	3172	1614
45°	149337	142825	2954	1085
50°	167529	161030	2918	663
55°	189455	188785	2899	298
60°	233789	239331	2644	85
65°	260860	287693	2421	0
70°	265992	324701	2243	0
75°	216435	239495	2140	0
80°	157368	100167	2211	0
85°	101741	42065	2931	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	635.5	2.9
10°-20°	1246.1	5.6
20°-30°	1724.4	7.8
30°-40°	2437.0	11.0
40°-50°	3318.1	14.9
50°-60°	4394.6	19.8
60°-70°	5102.4	22.9
70°-80°	2889.5	13.0
80°-90°	499.3	2.2
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°	3606.0	16.2
0°-40°	6043.0	27.2
0°-60°	13755.7	61.8
0°-90°	22246.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22246.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8365	8365	8365	8365	8365	
5°	8757	8335	6089	6125	8757	786
15°	7099	6749	2097	1580	7099	2082
25°	9654	9030	683	410	9654	4502
35°	12410	11644	410	244	12410	7824
45°	14715	14074	291	107	14715	11409
55°	15143	15090	232	24	15143	13720
65°	15363	16943	143	0	15363	14976
75°	7806	8638	77	0	7806	8520
85°	1236	511	36	0	1236	1485
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7
2.5°	8691.4	8875.6	8881.5	8964.7	9047.9	9047.9	9243.9	9196.4	9024.1	8994.4	8869.7
5°	8756.8	8822.1	8869.7	9291.5	9647.9	9612.3	9719.2	9647.9	9315.2	8887.5	8596.4
7.5°	8192.4	8263.7	8453.8	9172.6	9653.9	9814.3	10016.2	9570.7	9220.2	8447.9	7889.4
10°	7443.9	7580.5	7931.0	8750.8	9344.9	9855.8	9855.8	9499.4	8822.1	8067.7	7384.5
12.5°	7028.0	7301.3	7491.4	8323.1	9095.4	9445.9	9434.0	9243.9	8804.3	7853.8	7081.5
15°	7099.3	7176.5	7580.5	8228.1	8739.0	8721.1	8935.0	8875.6	8566.7	8043.9	7194.4
17.5°	7426.0	7544.9	7895.4	8228.1	8471.6	8400.3	8394.4	8679.6	8697.4	8364.7	7616.1
20°	7960.7	8311.2	8477.6	8578.6	8281.5	7978.5	7942.9	8340.9	8649.9	8774.6	8121.1
22.5°	8816.2	9047.9	9386.5	8869.7	8097.4	7717.1	7645.9	8085.5	8709.3	9261.8	8774.6
25°	9653.9	9832.1	10158.8	9493.5	8305.3	7663.7	7538.9	7919.1	8935.0	9939.0	9564.7
27.5°	10539.0	10693.5	10729.1	9950.9	8418.2	7556.7	7408.2	7919.1	9125.1	10295.5	10509.3
30°	11079.7	11263.8	11299.5	10354.9	8602.3	7645.9	7574.6	7954.8	9255.8	10598.4	11186.6
32.5°	11685.6	11733.1	11703.4	10426.2	8804.3	7907.3	7610.2	8192.4	9404.3	10960.8	11804.4
35°	12410.4	12493.6	12190.6	10752.9	9255.8	8073.6	7966.7	8483.5	9659.8	11127.2	12553.0
37.5°	12962.9	13224.3	12541.1	10877.7	9344.9	8424.1	8441.9	9089.5	9838.0	11329.2	13378.8
40°	14002.5	13562.9	13135.2	11305.4	9683.6	9018.2	8923.1	9713.3	10438.0	11459.9	13919.4
42.5°	14572.9	14341.2	13366.9	11347.0	10206.4	9838.0	9861.8	10420.2	10752.9	11828.2	14067.9
45°	14715.4	14471.9	13681.7	11376.7	10723.2	10806.4	11216.3	11323.2	11216.3	12071.8	14347.1
47.5°	15077.8	14549.1	13646.1	11774.7	11560.9	11881.7	12404.5	12636.2	11846.0	11982.7	14477.8
50°	15006.5	14703.6	13568.9	11941.1	12582.7	13432.2	13782.7	13687.7	12547.0	11798.5	14335.2
52.5°	14709.5	14382.8	13806.5	12392.6	13539.2	14566.9	15054.1	14816.4	13170.8	12214.4	14240.2
55°	15143.2	14893.7	14115.4	13004.5	14258.0	15565.0	15909.6	15731.3	13937.2	12600.5	14780.8
57.5°	15612.5	15559.0	14953.1	13723.3	15107.5	16592.8	16592.8	16372.9	14602.6	13158.9	15582.8
60°	16289.8	16408.6	15570.9	14198.6	15398.6	16533.3	17394.8	17139.3	15273.9	14139.2	16491.8
62.5°	16070.0	16450.2	16367.0	15220.4	15731.3	16824.4	17293.8	17483.9	16105.6	15333.3	17703.7
65°	15363.0	15767.0	16361.1	15891.7	15481.8	16117.5	16355.1	16931.4	16521.5	16456.1	18202.7
67.5°	14519.4	14959.0	15327.4	16343.2	14976.8	15398.6	15190.7	15374.9	16070.0	17685.9	18487.9
70°	12677.7	13099.5	13681.7	15339.2	13640.2	13259.9	13206.5	13117.4	14198.6	17246.2	17192.8
72.5°	10426.2	10622.2	11584.6	12469.8	10093.5	10022.2	10105.4	10004.4	11257.9	15612.5	14727.3
75°	7806.3	8002.3	8548.9	9576.6	6873.5	6463.6	6938.9	7408.2	8596.4	12119.3	10580.6
77.5°	5869.5	6119.1	6463.6	7164.6	5043.8	4402.2	4467.5	4913.1	6214.1	9707.3	5929.0
80°	3808.1	3778.4	4443.7	4930.9	3796.2	3915.0	3748.7	4075.4	4503.2	5192.3	3029.8
82.5°	2198.1	2227.8	2507.0	2827.8	2643.7	3023.9	2180.3	3641.7	3214.0	2114.9	1128.8
85°	1235.7	1289.2	1544.6	1960.5	1657.5	1110.9	908.9	1806.0	2019.9	867.4	546.6
87.5°	124.8	106.9	207.9	742.6	451.5	184.2	273.3	433.7	487.1	326.7	160.4
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°	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7
2.5°	8691.4	8691.4	8542.9	8293.4	8192.4	8014.2	7770.6	7847.8	7764.7	7461.7	7384.5
5°	8335.0	8049.8	7740.9	7360.7	7140.9	6689.4	6546.8	6291.3	6332.9	6077.5	6089.4
7.5°	7592.4	7366.6	6843.8	6344.8	5911.1	5519.0	4966.5	4758.6	4556.6	4455.6	4574.4
10°	7158.7	6736.9	6024.0	5370.5	4794.3	4443.7	4075.4	3790.3	3528.9	3332.8	3291.2
12.5°	6843.8	6469.6	5608.1	4812.1	4360.6	4075.4	3736.8	3344.7	3089.2	2750.6	2649.6
15°	6748.8	6291.3	5382.4	4592.3	4152.6	3683.3	3297.2	2911.0	2578.3	2221.9	2097.1
17.5°	7075.5	6546.8	5376.5	4414.0	3796.2	3291.2	2756.5	2322.9	1984.2	1657.5	1580.3
20°	7628.0	6820.1	5548.7	4307.1	3457.6	2780.3	2174.3	1740.7	1360.5	1146.6	1093.1
22.5°	8257.8	7283.5	5566.6	4021.9	3118.9	2269.4	1586.2	1146.6	932.7	831.7	802.0
25°	9030.1	8026.1	5780.4	3790.3	2720.9	1722.8	1128.8	879.2	754.5	695.1	683.2
27.5°	9665.7	8542.9	6012.1	3546.7	2328.8	1277.3	885.2	718.8	653.5	594.1	588.1
30°	10325.2	9137.0	6077.5	3398.2	1990.2	1051.5	760.4	635.7	564.4	534.7	528.7
32.5°	10901.4	9784.6	6285.4	3154.6	1669.4	926.8	689.1	570.3	522.8	475.3	469.3
35°	11644.0	10158.8	6386.4	3023.9	1550.6	837.7	629.7	522.8	451.5	421.8	409.9
37.5°	12440.1	10521.2	6451.7	2922.9	1449.6	784.2	594.1	493.1	427.7	386.2	374.3
40°	13182.7	11032.1	6356.7	2798.1	1372.3	718.8	570.3	457.4	398.0	356.5	338.6
42.5°	13753.0	11531.2	6327.0	2679.3	1289.2	695.1	540.6	439.6	374.3	326.7	320.8
45°	14073.8	11869.8	6119.1	2584.3	1223.8	707.0	528.7	415.9	356.5	314.9	291.1
47.5°	13996.6	12131.2	6172.5	2554.6	1134.7	659.4	522.8	398.0	326.7	291.1	273.3
50°	14424.3	12659.9	6083.4	2459.5	1069.4	594.1	570.3	398.0	320.8	279.2	261.4
52.5°	14495.6	13141.1	6273.5	2287.2	968.4	546.6	564.4	392.1	308.9	267.3	243.6
55°	15089.7	13699.6	6641.9	2192.2	885.2	475.3	516.9	380.2	279.2	243.6	231.7
57.5°	15897.7	14858.0	6879.5	2103.1	772.3	415.9	433.7	374.3	255.5	225.8	207.9
60°	16675.9	15321.4	6897.3	1942.7	665.4	374.3	338.6	374.3	237.6	202.0	184.2
62.5°	17258.1	15321.4	6778.5	1806.0	582.2	332.7	297.0	356.5	213.9	178.2	166.3
65°	16943.3	14911.5	6469.6	1693.1	528.7	291.1	255.5	273.3	190.1	154.5	142.6
67.5°	16378.9	13634.2	5786.4	1556.5	522.8	255.5	219.8	202.0	166.3	136.6	124.8
70°	15475.9	11911.4	4818.0	1402.0	510.9	231.7	196.0	172.3	148.5	118.8	106.9
72.5°	12469.8	9838.0	3956.6	1312.9	499.0	202.0	166.3	148.5	124.8	101.0	89.1
75°	8638.0	6285.4	3047.6	1122.8	487.1	184.2	154.5	130.7	106.9	83.2	77.2
77.5°	5180.4	4200.2	1966.4	843.6	320.8	148.5	130.7	101.0	89.1	71.3	65.3
80°	2423.9	1984.2	796.1	326.7	154.5	106.9	89.1	77.2	71.3	59.4	53.5
82.5°	950.5	837.7	386.2	190.1	124.8	83.2	71.3	65.3	59.4	47.5	41.6
85°	510.9	451.5	184.2	130.7	89.1	59.4	59.4	53.5	47.5	41.6	35.6
87.5°	112.9	83.2	77.2	77.2	65.3	47.5	47.5	41.6	35.6	29.7	23.8
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°	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7
2.5°	7342.9	7432.0	7289.4	7378.5	7253.8	7348.8	7360.7	7271.6	7295.3	7414.2	7467.6
5°	6255.7	6196.3	6065.6	6024.0	6029.9	5952.7	5982.4	6024.0	6089.4	6125.0	6231.9
7.5°	4509.1	4645.7	4639.8	4740.8	4746.7	4734.8	4651.7	4473.4	4532.9	4485.3	4544.7
10°	3225.9	3285.3	3398.2	3463.5	3582.3	3517.0	3326.9	3255.6	3219.9	3214.0	3273.4
12.5°	2578.3	2435.7	2423.9	2447.6	2507.0	2429.8	2334.7	2251.6	2293.2	2376.3	2441.7
15°	1996.1	1877.3	1722.8	1699.1	1711.0	1675.3	1574.3	1467.4	1497.1	1580.3	1627.8
17.5°	1532.7	1396.1	1289.2	1217.9	1194.1	1069.4	920.8	831.7	808.0	802.0	843.6
20°	1033.7	1009.9	992.1	903.0	903.0	724.8	600.0	534.7	534.7	546.6	552.5
22.5°	772.3	742.6	748.5	730.7	683.2	540.6	475.3	457.4	457.4	469.3	469.3
25°	671.3	629.7	617.8	611.9	564.4	463.4	415.9	398.0	398.0	409.9	409.9
27.5°	570.3	558.4	540.6	516.9	475.3	398.0	368.3	350.5	356.5	362.4	356.5
30°	522.8	493.1	469.3	469.3	421.8	356.5	332.7	320.8	308.9	320.8	326.7
32.5°	463.4	445.6	433.7	415.9	362.4	314.9	291.1	279.2	273.3	273.3	279.2
35°	398.0	398.0	386.2	362.4	314.9	285.2	255.5	243.6	237.6	243.6	243.6
37.5°	356.5	338.6	344.6	320.8	279.2	249.5	219.8	207.9	207.9	202.0	207.9
40°	332.7	303.0	285.2	273.3	249.5	213.9	190.1	178.2	172.3	172.3	172.3
42.5°	297.0	273.3	237.6	231.7	225.8	184.2	154.5	148.5	142.6	136.6	136.6
45°	279.2	243.6	213.9	184.2	184.2	154.5	130.7	118.8	112.9	106.9	112.9
47.5°	255.5	219.8	184.2	154.5	148.5	124.8	101.0	89.1	83.2	83.2	83.2
50°	243.6	196.0	160.4	130.7	112.9	101.0	77.2	65.3	59.4	59.4	59.4
52.5°	225.8	184.2	142.6	112.9	89.1	77.2	59.4	47.5	41.6	41.6	41.6
55°	202.0	166.3	124.8	95.1	77.2	59.4	41.6	29.7	23.8	23.8	23.8
57.5°	190.1	148.5	106.9	83.2	59.4	41.6	23.8	17.8	17.8	11.9	17.8
60°	172.3	130.7	89.1	65.3	47.5	29.7	17.8	5.9	5.9	5.9	5.9
62.5°	148.5	112.9	77.2	53.5	35.6	17.8	5.9	0.0	0.0	0.0	0.0
65°	124.8	89.1	59.4	41.6	23.8	5.9	0.0	0.0	0.0	0.0	0.0
67.5°	106.9	77.2	47.5	29.7	17.8	0.0	0.0	0.0	0.0	0.0	0.0
70°	95.1	65.3	35.6	23.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	77.2	53.5	29.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	65.3	41.6	17.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	53.5	29.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	41.6	23.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	35.6	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	23.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.8	5.9	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

TEST NUMBER: P599585
 CATALOG NUMBER: IFLD-S-SA6C-827-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7	8364.7
2.5°	7544.9	7509.2	7687.4	7978.5	8127.1	8418.2	8489.5	8673.6	8626.1	8691.4
5°	6243.8	6315.1	6576.5	7004.2	7158.7	7580.5	7978.5	8376.6	8632.0	8756.8
7.5°	4633.9	4871.5	5192.3	5584.4	5982.4	6534.9	7212.2	7675.6	7925.1	8192.4
10°	3451.6	3707.1	4075.4	4461.6	5109.1	5727.0	6404.2	6980.5	7194.4	7443.9
12.5°	2715.0	3113.0	3540.7	3956.6	4342.7	4930.9	5768.6	6606.2	6837.9	7028.0
15°	1889.2	2376.3	2988.2	3528.9	4069.5	4580.4	5447.7	6463.6	6778.5	7099.3
17.5°	1045.6	1431.7	2132.8	2893.2	3689.3	4473.4	5554.7	6725.0	7200.3	7426.0
20°	606.0	760.4	1259.5	2162.5	3214.0	4241.8	5608.1	7218.1	7847.8	7960.7
22.5°	499.0	552.5	712.9	1354.5	2631.8	4093.2	5881.4	7907.3	8548.9	8816.2
25°	427.7	469.3	552.5	813.9	1990.2	3778.4	6053.7	8768.7	9362.8	9653.9
27.5°	380.2	421.8	487.1	600.0	1354.5	3344.7	6338.9	9546.9	10141.0	10539.0
30°	332.7	368.3	433.7	510.9	938.7	2857.5	6582.4	10117.2	10954.9	11079.7
32.5°	297.0	326.7	374.3	439.6	695.1	2168.4	6778.5	10705.4	11412.3	11685.6
35°	255.5	291.1	320.8	374.3	528.7	1633.7	6659.7	11162.8	12083.7	12410.4
37.5°	225.8	249.5	279.2	314.9	445.6	1277.3	6416.1	11709.4	12659.9	12962.9
40°	190.1	207.9	243.6	279.2	404.0	986.2	6136.9	12368.8	13467.9	14002.5
42.5°	160.4	178.2	202.0	261.4	332.7	730.7	5572.5	12879.7	14121.4	14572.9
45°	124.8	148.5	184.2	261.4	267.3	540.6	4990.3	13259.9	14489.7	14715.4
47.5°	95.1	118.8	178.2	225.8	213.9	374.3	4301.2	13693.6	14869.9	15077.8
50°	71.3	95.1	202.0	196.0	178.2	285.2	3867.5	13996.6	14893.7	15006.5
52.5°	47.5	71.3	166.3	148.5	148.5	249.5	3748.7	13984.7	14953.1	14709.5
55°	35.6	53.5	95.1	106.9	130.7	219.8	3641.7	14430.3	14970.9	15143.2
57.5°	23.8	41.6	65.3	83.2	112.9	190.1	3421.9	14965.0	15523.4	15612.5
60°	11.9	29.7	47.5	65.3	95.1	166.3	3113.0	15357.1	16194.7	16289.8
62.5°	5.9	17.8	35.6	53.5	77.2	130.7	2792.2	14733.3	15903.6	16070.0
65°	0.0	11.9	23.8	35.6	47.5	95.1	2269.4	13301.5	14751.1	15363.0
67.5°	0.0	0.0	11.9	23.8	29.7	71.3	1711.0	12101.5	13687.7	14519.4
70°	0.0	0.0	5.9	5.9	17.8	53.5	1093.1	10022.2	12220.3	12677.7
72.5°	0.0	0.0	0.0	0.0	5.9	35.6	635.7	7443.9	9576.6	10426.2
75°	0.0	0.0	0.0	0.0	0.0	29.7	320.8	4788.3	6665.6	7806.3
77.5°	0.0	0.0	0.0	0.0	0.0	23.8	172.3	3089.2	4913.1	5869.5
80°	0.0	0.0	0.0	0.0	0.0	5.9	101.0	1794.1	3142.7	3808.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	41.6	879.2	1877.3	2198.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	11.9	469.3	938.7	1235.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.8	65.3	124.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)