

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: P599499

Luminaire Tested: **IFLD-S-SA6D-740-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: P599499
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6D-740-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (96) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

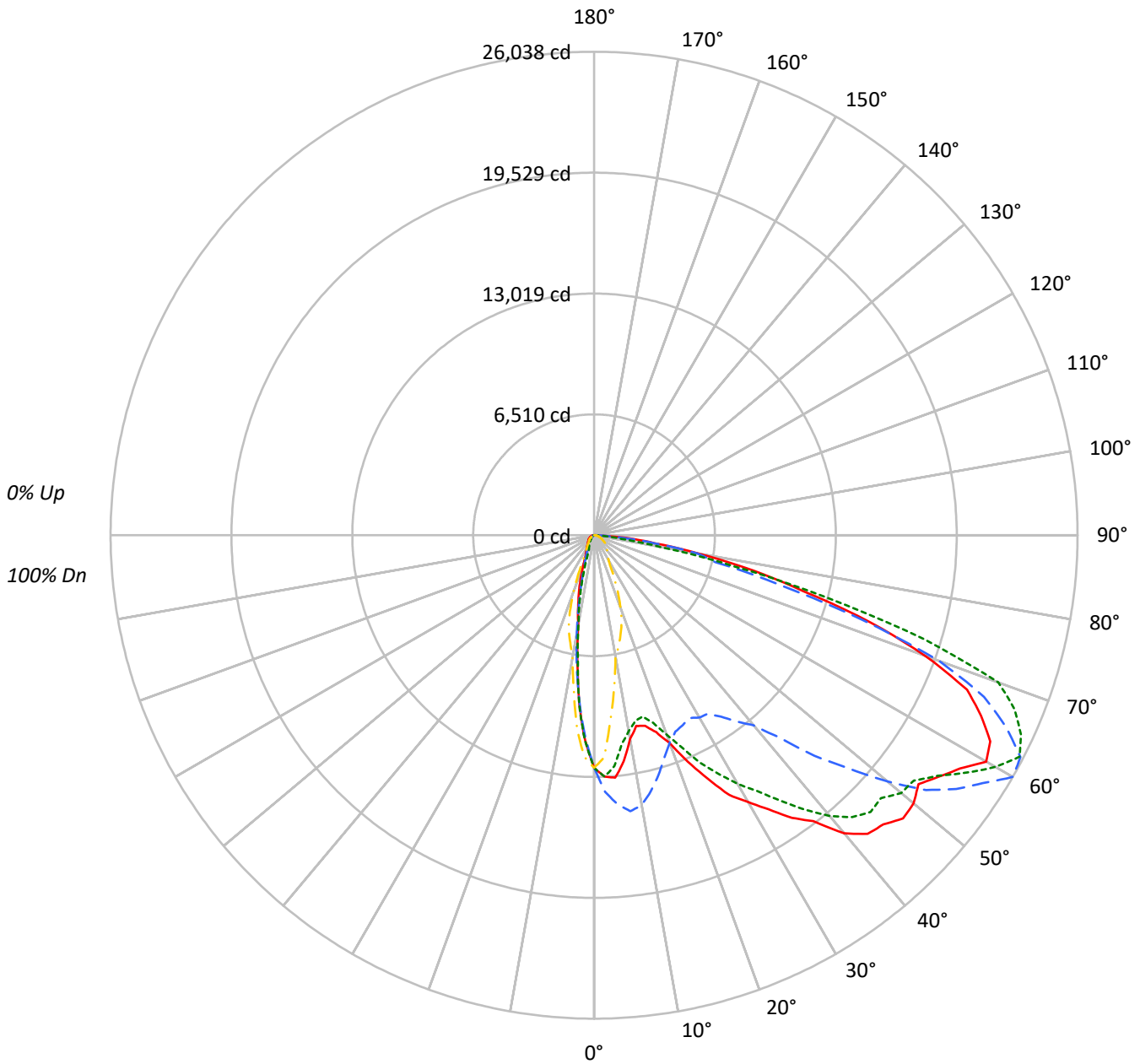
Lumens per Lamp: N/A
 Luminaire Lumens: 33301.0 lumens
 Efficiency: N/A
 Efficacy: 90.4 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 368.2
 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

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	89850	89850	89850	89850
5°	94421	89873	65659	66043
10°	81192	78081	35898	35056
15°	78947	75049	23321	17573
20°	90998	87196	12496	6247
25°	114417	107024	8098	4858
30°	137424	128065	6558	3979
35°	162738	152688	5375	3194
40°	196344	184849	4748	2416
45°	223540	213794	4422	1625
50°	250772	241043	4368	992
55°	283590	282589	4339	445
60°	349954	358250	3957	128
65°	390476	430640	3623	0
70°	398160	486037	3359	0
75°	323975	358494	3205	0
80°	235559	149934	3306	0
85°	152295	62970	4397	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	951.2	2.9
10°-20°	1865.3	5.6
20°-30°	2581.2	7.8
30°-40°	3648.0	11.0
40°-50°	4966.8	14.9
50°-60°	6578.2	19.8
60°-70°	7637.7	22.9
70°-80°	4325.3	13.0
80°-90°	747.3	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°	5397.7	16.2
0°-40°	9045.7	27.2
0°-60°	20590.6	61.8
0°-90°	33301.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	33301.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	12521	12521	12521	12521	12521	
5°	13108	12476	9115	9168	13108	1177
15°	10627	10102	3139	2366	10627	3117
25°	14451	13517	1023	614	14451	6740
35°	18577	17430	614	365	18577	11711
45°	22027	21067	436	160	22027	17077
55°	22668	22588	347	36	22668	20537
65°	22997	25362	213	0	22997	22418
75°	11685	12930	116	0	11685	12753
85°	1850	765	53	0	1850	2222
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°	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0
2.5°	13010.1	13285.7	13294.6	13419.1	13543.6	13543.6	13837.1	13765.9	13508.0	13463.6	13276.8
5°	13107.9	13205.7	13276.8	13908.2	14441.8	14388.4	14548.5	14441.8	13943.8	13303.5	12867.8
7.5°	12263.1	12369.8	12654.3	13730.4	14450.7	14690.8	14993.1	14326.2	13801.5	12645.4	11809.5
10°	11142.6	11347.1	11871.8	13099.0	13988.3	14753.0	14753.0	14219.5	13205.7	12076.3	11053.7
12.5°	10520.1	10929.2	11213.7	12458.7	13614.8	14139.4	14121.6	13837.1	13179.0	11756.2	10600.1
15°	10626.8	10742.4	11347.1	12316.4	13081.2	13054.5	13374.7	13285.7	12823.3	12040.7	10769.1
17.5°	11115.9	11293.8	11818.4	12316.4	12681.0	12574.3	12565.4	12992.3	13018.9	12521.0	11400.5
20°	11916.2	12440.9	12689.9	12841.1	12396.5	11942.9	11889.6	12485.4	12947.8	13134.5	12156.3
22.5°	13196.8	13543.6	14050.5	13276.8	12120.8	11551.6	11444.9	12103.0	13036.7	13863.8	13134.5
25°	14450.7	14717.5	15206.6	14210.6	12432.0	11471.6	11284.9	11854.0	13374.7	14877.5	14317.3
27.5°	15775.7	16006.9	16060.3	14895.3	12601.0	11311.5	11089.2	11854.0	13659.2	15411.1	15731.2
30°	16584.9	16860.6	16914.0	15500.0	12876.7	11444.9	11338.2	11907.4	13854.9	15864.6	16745.0
32.5°	17492.0	17563.1	17518.7	15606.7	13179.0	11836.2	11391.6	12263.1	14077.2	16407.1	17669.8
35°	18576.9	18701.4	18247.9	16095.8	13854.9	12085.2	11925.1	12698.8	14459.6	16656.1	18790.3
37.5°	19403.9	19795.2	18772.5	16282.6	13988.3	12609.9	12636.6	13605.9	14726.3	16958.4	20026.4
40°	20960.1	20302.1	19661.8	16922.8	14495.1	13499.2	13356.9	14539.6	15624.5	17154.1	20835.6
42.5°	21813.8	21467.0	20008.6	16985.1	15277.7	14726.3	14761.9	15597.8	16095.8	17705.4	21058.0
45°	22027.3	21662.7	20479.9	17029.6	16051.4	16175.9	16789.5	16949.5	16789.5	18070.0	21475.9
47.5°	22569.7	21778.3	20426.6	17625.4	17305.2	17785.4	18568.0	18914.8	17732.1	17936.6	21671.6
50°	22463.0	22009.5	20311.0	17874.4	18834.8	20106.4	20631.1	20488.8	18781.4	17660.9	21458.1
52.5°	22018.4	21529.3	20666.7	18550.2	20266.5	21805.0	22534.2	22178.4	19715.2	18283.4	21315.9
55°	22667.5	22294.1	21129.1	19466.2	21342.5	23298.9	23814.7	23547.9	20862.3	18861.5	22125.1
57.5°	23370.1	23290.0	22383.0	20542.2	22614.2	24837.4	24837.4	24508.3	21858.3	19697.4	23325.6
60°	24383.8	24561.7	23307.8	21253.6	23049.9	24748.4	26037.9	25655.5	22863.2	21164.7	24686.2
62.5°	24054.8	24623.9	24499.4	22783.2	23547.9	25184.2	25886.7	26171.3	24108.2	22952.1	26500.3
65°	22996.6	23601.3	24490.6	23788.0	23174.4	24126.0	24481.7	25344.3	24730.7	24632.8	27247.3
67.5°	21733.8	22391.9	22943.2	24463.9	22418.5	23049.9	22738.7	23014.4	24054.8	26473.6	27674.1
70°	18977.1	19608.4	20479.9	22961.0	20417.7	19848.6	19768.5	19635.1	21253.6	25815.6	25735.5
72.5°	15606.7	15900.2	17340.8	18665.8	15108.7	15002.0	15126.5	14975.3	16851.7	23370.1	22045.1
75°	11685.0	11978.5	12796.6	14335.1	10288.9	9675.3	10386.7	11089.2	12867.8	18141.2	15837.9
77.5°	8786.0	9159.5	9675.3	10724.6	7549.9	6589.5	6687.3	7354.3	9301.8	14530.7	8874.9
80°	5700.2	5655.8	6651.8	7381.0	5682.4	5860.3	5611.3	6100.4	6740.7	7772.2	4535.3
82.5°	3290.3	3334.8	3752.7	4232.9	3957.3	4526.4	3263.6	5451.2	4811.0	3165.8	1689.6
85°	1849.7	1929.7	2312.1	2934.6	2481.1	1662.9	1360.6	2703.4	3023.5	1298.3	818.1
87.5°	186.7	160.1	311.2	1111.6	675.8	275.7	409.1	649.2	729.2	489.1	240.1
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°	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0
2.5°	13010.1	13010.1	12787.7	12414.2	12263.1	11996.3	11631.7	11747.3	11622.8	11169.3	11053.7
5°	12476.5	12049.6	11587.2	11018.1	10689.1	10013.2	9799.8	9417.4	9479.6	9097.3	9115.0
7.5°	11364.9	11027.0	10244.4	9497.4	8848.3	8261.3	7434.3	7123.1	6820.7	6669.5	6847.4
10°	10715.7	10084.3	9017.2	8039.0	7176.4	6651.8	6100.4	5673.6	5282.3	4988.8	4926.6
12.5°	10244.4	9684.2	8394.7	7203.1	6527.3	6100.4	5593.5	5006.6	4624.2	4117.3	3966.2
15°	10102.1	9417.4	8056.8	6874.1	6216.0	5513.5	4935.5	4357.4	3859.4	3325.9	3139.1
17.5°	10591.2	9799.8	8047.9	6607.3	5682.4	4926.6	4126.2	3477.1	2970.2	2481.1	2365.5
20°	11418.3	10208.8	8305.8	6447.2	5175.6	4161.8	3254.7	2605.6	2036.4	1716.3	1636.3
22.5°	12360.9	10902.5	8332.5	6020.4	4668.7	3397.0	2374.4	1716.3	1396.2	1245.0	1200.5
25°	13516.9	12014.1	8652.6	5673.6	4072.9	2578.9	1689.6	1316.1	1129.4	1040.4	1022.7
27.5°	14468.5	12787.7	8999.4	5309.0	3485.9	1911.9	1325.0	1076.0	978.2	889.3	880.4
30°	15455.5	13677.0	9097.3	5086.6	2979.1	1574.0	1138.3	951.5	844.8	800.3	791.5
32.5°	16318.1	14646.3	9408.5	4722.0	2498.9	1387.3	1031.6	853.7	782.6	711.4	702.5
35°	17429.7	15206.6	9559.7	4526.4	2321.0	1253.9	942.6	782.6	675.8	631.4	613.6
37.5°	18621.4	15749.0	9657.5	4375.2	2169.8	1173.8	889.3	738.1	640.3	578.0	560.2
40°	19732.9	16513.8	9515.2	4188.5	2054.2	1076.0	853.7	684.7	595.8	533.6	506.9
42.5°	20586.6	17260.8	9470.7	4010.6	1929.7	1040.4	809.2	658.1	560.2	489.1	480.2
45°	21066.9	17767.7	9159.5	3868.3	1831.9	1058.2	791.5	622.5	533.6	471.3	435.7
47.5°	20951.3	18158.9	9239.5	3823.9	1698.5	987.1	782.6	595.8	489.1	435.7	409.1
50°	21591.5	18950.4	9106.1	3681.6	1600.7	889.3	853.7	595.8	480.2	418.0	391.3
52.5°	21698.2	19670.7	9390.7	3423.7	1449.5	818.1	844.8	586.9	462.4	400.2	364.6
55°	22587.5	20506.6	9942.1	3281.4	1325.0	711.4	773.7	569.1	418.0	364.6	346.8
57.5°	23796.9	22240.7	10297.8	3148.0	1156.1	622.5	649.2	560.2	382.4	337.9	311.2
60°	24961.9	22934.3	10324.4	2907.9	996.0	560.2	506.9	560.2	355.7	302.4	275.7
62.5°	25833.4	22934.3	10146.6	2703.4	871.5	498.0	444.6	533.6	320.1	266.8	249.0
65°	25362.0	22320.7	9684.2	2534.4	791.5	435.7	382.4	409.1	284.6	231.2	213.4
67.5°	24517.2	20408.8	8661.5	2329.9	782.6	382.4	329.0	302.4	249.0	204.5	186.7
70°	23165.5	17829.9	7212.0	2098.7	764.8	346.8	293.5	257.9	222.3	177.9	160.1
72.5°	18665.8	14726.3	5922.6	1965.3	747.0	302.4	249.0	222.3	186.7	151.2	133.4
75°	12930.0	9408.5	4562.0	1680.7	729.2	275.7	231.2	195.6	160.1	124.5	115.6
77.5°	7754.5	6287.2	2943.5	1262.8	480.2	222.3	195.6	151.2	133.4	106.7	97.8
80°	3628.2	2970.2	1191.6	489.1	231.2	160.1	133.4	115.6	106.7	88.9	80.0
82.5°	1422.8	1253.9	578.0	284.6	186.7	124.5	106.7	97.8	88.9	71.1	62.2
85°	764.8	675.8	275.7	195.6	133.4	88.9	88.9	80.0	71.1	62.2	53.4
87.5°	169.0	124.5	115.6	115.6	97.8	71.1	71.1	62.2	53.4	44.5	35.6
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°	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0
2.5°	10991.4	11124.8	10911.4	11044.8	10858.0	11000.3	11018.1	10884.7	10920.3	11098.1	11178.2
5°	9364.0	9275.1	9079.5	9017.2	9026.1	8910.5	8955.0	9017.2	9115.0	9168.4	9328.5
7.5°	6749.6	6954.1	6945.2	7096.4	7105.3	7087.5	6963.0	6696.2	6785.1	6714.0	6802.9
10°	4828.7	4917.7	5086.6	5184.5	5362.3	5264.5	4979.9	4873.2	4819.9	4811.0	4899.9
12.5°	3859.4	3646.0	3628.2	3663.8	3752.7	3637.1	3494.8	3370.3	3432.6	3557.1	3654.9
15°	2988.0	2810.1	2578.9	2543.3	2561.1	2507.7	2356.6	2196.5	2241.0	2365.5	2436.6
17.5°	2294.3	2089.8	1929.7	1823.0	1787.4	1600.7	1378.4	1245.0	1209.4	1200.5	1262.8
20°	1547.3	1511.8	1485.1	1351.7	1351.7	1084.9	898.2	800.3	800.3	818.1	827.0
22.5°	1156.1	1111.6	1120.5	1093.8	1022.7	809.2	711.4	684.7	684.7	702.5	702.5
25°	1004.9	942.6	924.8	916.0	844.8	693.6	622.5	595.8	595.8	613.6	613.6
27.5°	853.7	835.9	809.2	773.7	711.4	595.8	551.3	524.7	533.6	542.5	533.6
30°	782.6	738.1	702.5	702.5	631.4	533.6	498.0	480.2	462.4	480.2	489.1
32.5°	693.6	667.0	649.2	622.5	542.5	471.3	435.7	418.0	409.1	409.1	418.0
35°	595.8	595.8	578.0	542.5	471.3	426.9	382.4	364.6	355.7	364.6	364.6
37.5°	533.6	506.9	515.8	480.2	418.0	373.5	329.0	311.2	311.2	302.4	311.2
40°	498.0	453.5	426.9	409.1	373.5	320.1	284.6	266.8	257.9	257.9	257.9
42.5°	444.6	409.1	355.7	346.8	337.9	275.7	231.2	222.3	213.4	204.5	204.5
45°	418.0	364.6	320.1	275.7	275.7	231.2	195.6	177.9	169.0	160.1	169.0
47.5°	382.4	329.0	275.7	231.2	222.3	186.7	151.2	133.4	124.5	124.5	124.5
50°	364.6	293.5	240.1	195.6	169.0	151.2	115.6	97.8	88.9	88.9	88.9
52.5°	337.9	275.7	213.4	169.0	133.4	115.6	88.9	71.1	62.2	62.2	62.2
55°	302.4	249.0	186.7	142.3	115.6	88.9	62.2	44.5	35.6	35.6	35.6
57.5°	284.6	222.3	160.1	124.5	88.9	62.2	35.6	26.7	26.7	17.8	26.7
60°	257.9	195.6	133.4	97.8	71.1	44.5	26.7	8.9	8.9	8.9	8.9
62.5°	222.3	169.0	115.6	80.0	53.4	26.7	8.9	0.0	0.0	0.0	0.0
65°	186.7	133.4	88.9	62.2	35.6	8.9	0.0	0.0	0.0	0.0	0.0
67.5°	160.1	115.6	71.1	44.5	26.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	142.3	97.8	53.4	35.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	115.6	80.0	44.5	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	97.8	62.2	26.7	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	80.0	44.5	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	62.2	35.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	53.4	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	35.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	26.7	8.9	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: P599499
 CATALOG NUMBER: IFLD-S-SA6D-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0	12521.0
2.5°	11293.8	11240.4	11507.2	11942.9	12165.2	12601.0	12707.7	12983.4	12912.2	13010.1
5°	9346.2	9453.0	9844.2	10484.5	10715.7	11347.1	11942.9	12538.7	12921.1	13107.9
7.5°	6936.3	7292.0	7772.2	8359.2	8955.0	9782.0	10795.8	11489.4	11862.9	12263.1
10°	5166.7	5549.1	6100.4	6678.4	7647.7	8572.6	9586.4	10448.9	10769.1	11142.6
12.5°	4064.0	4659.8	5300.1	5922.6	6500.6	7381.0	8634.8	9888.7	10235.5	10520.1
15°	2827.9	3557.1	4473.0	5282.3	6091.5	6856.3	8154.6	9675.3	10146.6	10626.8
17.5°	1565.1	2143.1	3192.5	4330.8	5522.4	6696.2	8314.7	10066.6	10778.0	11115.9
20°	907.1	1138.3	1885.3	3237.0	4811.0	6349.4	8394.7	10804.7	11747.3	11916.2
22.5°	747.0	827.0	1067.1	2027.5	3939.5	6127.1	8803.8	11836.2	12796.6	13196.8
25°	640.3	702.5	827.0	1218.3	2979.1	5655.8	9061.7	13125.7	14014.9	14450.7
27.5°	569.1	631.4	729.2	898.2	2027.5	5006.6	9488.5	14290.6	15179.9	15775.7
30°	498.0	551.3	649.2	764.8	1405.0	4277.4	9853.1	15144.3	16398.2	16584.9
32.5°	444.6	489.1	560.2	658.1	1040.4	3245.8	10146.6	16024.7	17082.9	17492.0
35°	382.4	435.7	480.2	560.2	791.5	2445.5	9968.7	16709.4	18087.8	18576.9
37.5°	337.9	373.5	418.0	471.3	667.0	1911.9	9604.1	17527.6	18950.4	19403.9
40°	284.6	311.2	364.6	418.0	604.7	1476.2	9186.2	18514.6	20159.8	20960.1
42.5°	240.1	266.8	302.4	391.3	498.0	1093.8	8341.4	19279.4	21138.0	21813.8
45°	186.7	222.3	275.7	391.3	400.2	809.2	7469.9	19848.6	21689.3	22027.3
47.5°	142.3	177.9	266.8	337.9	320.1	560.2	6438.3	20497.7	22258.5	22569.7
50°	106.7	142.3	302.4	293.5	266.8	426.9	5789.2	20951.3	22294.1	22463.0
52.5°	71.1	106.7	249.0	222.3	222.3	373.5	5611.3	20933.5	22383.0	22018.4
55°	53.4	80.0	142.3	160.1	195.6	329.0	5451.2	21600.4	22409.7	22667.5
57.5°	35.6	62.2	97.8	124.5	169.0	284.6	5122.2	22400.8	23236.7	23370.1
60°	17.8	44.5	71.1	97.8	142.3	249.0	4659.8	22987.7	24241.6	24383.8
62.5°	8.9	26.7	53.4	80.0	115.6	195.6	4179.6	22053.9	23805.8	24054.8
65°	0.0	17.8	35.6	53.4	71.1	142.3	3397.0	19910.8	22080.6	22996.6
67.5°	0.0	0.0	17.8	35.6	44.5	106.7	2561.1	18114.5	20488.8	21733.8
70°	0.0	0.0	8.9	8.9	26.7	80.0	1636.3	15002.0	18292.3	18977.1
72.5°	0.0	0.0	0.0	0.0	8.9	53.4	951.5	11142.6	14335.1	15606.7
75°	0.0	0.0	0.0	0.0	0.0	44.5	480.2	7167.5	9977.6	11685.0
77.5°	0.0	0.0	0.0	0.0	0.0	35.6	257.9	4624.2	7354.3	8786.0
80°	0.0	0.0	0.0	0.0	0.0	8.9	151.2	2685.6	4704.2	5700.2
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	62.2	1316.1	2810.1	3290.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	17.8	702.5	1405.0	1849.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.7	97.8	186.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)