

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: P599496

Luminaire Tested: **IFLD-S-SA6A-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: P599496  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6A-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**

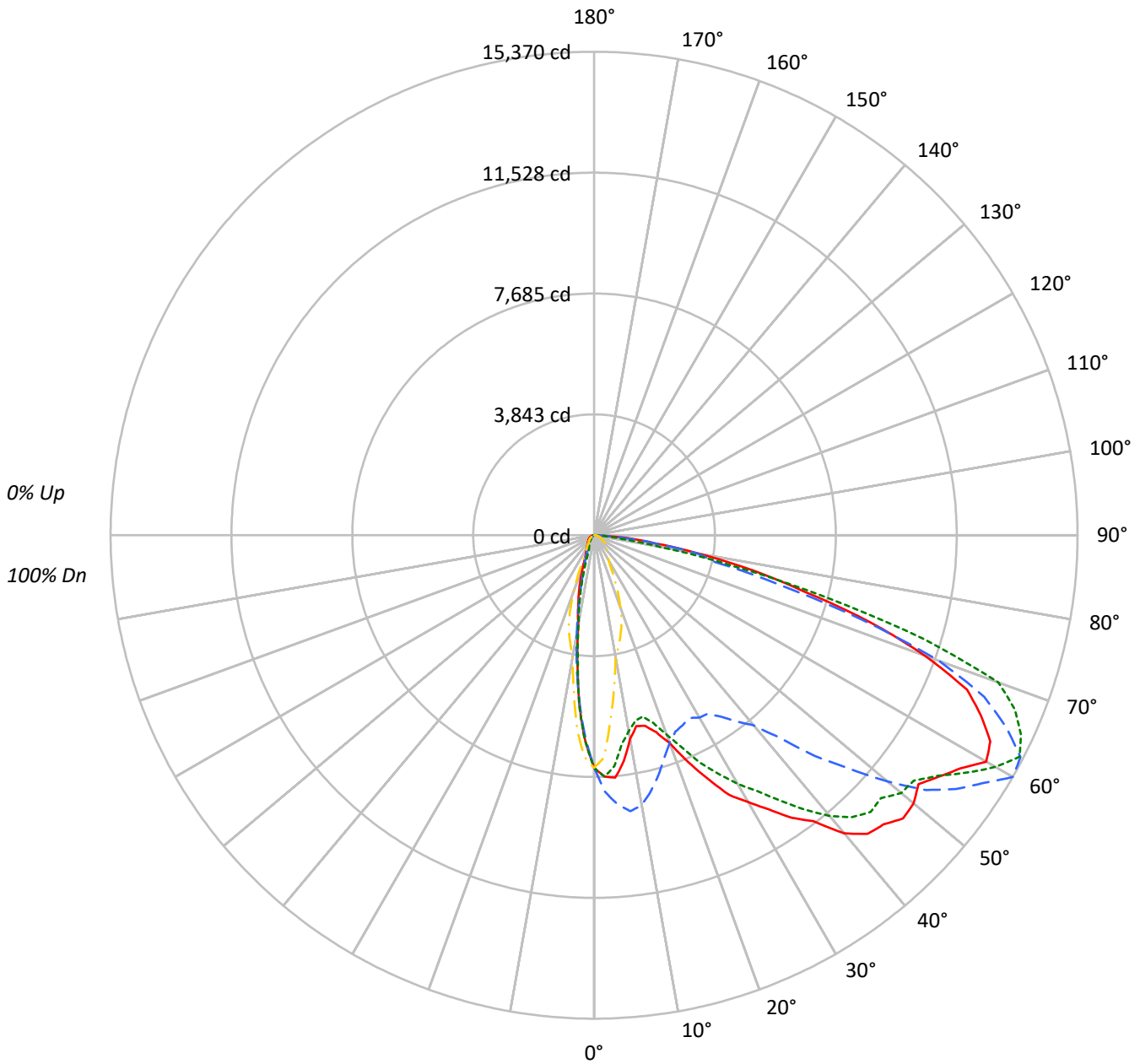
Lumens per Lamp: N/A  
 Luminaire Lumens: 19657.8 lumens  
 Efficiency: N/A  
 Efficacy: 103.7 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 189.6  
 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°	53039	53039	53039	53039
5°	55737	53053	38759	38986
10°	47928	46092	21191	20693
15°	46603	44303	13767	10374
20°	53717	51472	7376	3688
25°	67541	63177	4780	2868
30°	81122	75598	3871	2349
35°	96065	90133	3173	1885
40°	115903	109118	2803	1426
45°	131958	126203	2610	959
50°	148033	142289	2579	586
55°	167406	166815	2561	263
60°	206581	211478	2335	75
65°	230500	254210	2139	0
70°	235036	286912	1983	0
75°	191246	211622	1891	0
80°	139053	88509	1951	0
85°	89901	37174	2594	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	561.5	2.9
10°-20°	1101.1	5.6
20°-30°	1523.7	7.8
30°-40°	2153.4	11.0
40°-50°	2931.9	14.9
50°-60°	3883.1	19.8
60°-70°	4508.6	22.9
70°-80°	2553.3	13.0
80°-90°	441.2	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°	3186.3	16.2
0°-40°	5339.7	27.2
0°-60°	12154.8	61.8
0°-90°	19657.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19657.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	7391	7391	7391	7391	7391	
5°	7738	7365	5381	5412	7738	695
15°	6273	5963	1853	1396	6273	1840
25°	8530	7979	604	362	8530	3978
35°	10966	10289	362	215	10966	6913
45°	13003	12436	257	94	13003	10081
55°	13381	13334	205	21	13381	12123
65°	13575	14971	126	0	13575	13233
75°	6898	7633	68	0	6898	7528
85°	1092	452	32	0	1092	1312
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°	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2
2.5°	7679.9	7842.7	7847.9	7921.4	7994.9	7994.9	8168.1	8126.1	7973.9	7947.7	7837.4
5°	7737.7	7795.4	7837.4	8210.1	8525.1	8493.6	8588.1	8525.1	8231.1	7853.2	7595.9
7.5°	7239.0	7302.0	7470.0	8105.1	8530.3	8672.1	8850.6	8456.8	8147.1	7464.7	6971.3
10°	6577.5	6698.3	7008.0	7732.4	8257.4	8708.8	8708.8	8393.9	7795.4	7128.7	6525.1
12.5°	6210.1	6451.6	6619.5	7354.5	8036.9	8346.6	8336.1	8168.1	7779.7	6939.8	6257.3
15°	6273.1	6341.3	6698.3	7270.5	7721.9	7706.2	7895.2	7842.7	7569.7	7107.7	6357.1
17.5°	6561.8	6666.8	6976.5	7270.5	7485.7	7422.7	7417.5	7669.4	7685.2	7391.2	6729.8
20°	7034.2	7344.0	7490.9	7580.2	7317.7	7050.0	7018.5	7370.2	7643.2	7753.4	7176.0
22.5°	7790.2	7994.9	8294.1	7837.4	7155.0	6819.0	6756.0	7144.5	7695.7	8183.9	7753.4
25°	8530.3	8687.8	8976.5	8388.6	7338.7	6771.8	6661.5	6997.5	7895.2	8782.3	8451.6
27.5°	9312.5	9449.0	9480.5	8792.8	7438.5	6677.3	6546.1	6997.5	8063.1	9097.3	9286.3
30°	9790.2	9952.9	9984.4	9149.8	7601.2	6756.0	6693.0	7029.0	8178.6	9365.0	9884.7
32.5°	10325.6	10367.6	10341.4	9212.8	7779.7	6987.0	6724.5	7239.0	8309.9	9685.2	10430.6
35°	10966.1	11039.6	10771.8	9501.5	8178.6	7134.0	7039.5	7496.2	8535.6	9832.2	11092.1
37.5°	11454.3	11685.3	11081.6	9611.7	8257.4	7443.7	7459.5	8031.6	8693.1	10010.7	11821.7
40°	12372.9	11984.5	11606.5	9989.7	8556.6	7968.6	7884.7	8582.8	9223.3	10126.2	12299.4
42.5°	12876.9	12672.1	11811.2	10026.4	9018.5	8693.1	8714.1	9207.5	9501.5	10451.6	12430.7
45°	13002.9	12787.6	12089.5	10052.7	9475.2	9548.7	9910.9	10005.4	9910.9	10666.9	12677.4
47.5°	13323.1	12855.9	12058.0	10404.4	10215.4	10498.9	10960.8	11165.6	10467.4	10588.1	12792.9
50°	13260.1	12992.4	11989.7	10551.4	11118.3	11869.0	12178.7	12094.7	11086.8	10425.4	12666.9
52.5°	12997.6	12708.9	12199.7	10950.3	11963.5	12871.6	13302.1	13092.1	11638.0	10792.8	12582.9
55°	13380.8	13160.3	12472.7	11491.0	12598.7	13753.5	14058.0	13900.5	12315.2	11134.1	13060.6
57.5°	13795.5	13748.3	13212.8	12126.2	13349.3	14661.7	14661.7	14467.5	12903.1	11627.5	13769.3
60°	14394.0	14499.0	13758.8	12546.2	13606.5	14609.2	15370.4	15144.6	13496.3	12493.7	14572.4
62.5°	14199.7	14535.7	14462.2	13449.1	13900.5	14866.4	15281.1	15449.1	14231.2	13548.8	15643.3
65°	13575.0	13932.0	14457.0	14042.2	13680.0	14241.7	14451.7	14960.9	14598.7	14540.9	16084.3
67.5°	12829.6	13218.1	13543.6	14441.2	13233.8	13606.5	13422.8	13585.5	14199.7	15627.6	16336.3
70°	11202.3	11575.0	12089.5	13554.1	12052.7	11716.7	11669.5	11590.8	12546.2	15239.1	15191.9
72.5°	9212.8	9386.0	10236.4	11018.6	8918.8	8855.8	8929.3	8840.1	9947.7	13795.5	13013.4
75°	6897.8	7071.0	7553.9	8462.1	6073.6	5711.4	6131.3	6546.1	7595.9	10708.9	9349.3
77.5°	5186.4	5406.9	5711.4	6330.8	4456.8	3889.8	3947.6	4341.3	5490.9	8577.6	5238.9
80°	3364.9	3338.6	3926.6	4357.0	3354.4	3459.4	3312.4	3601.1	3979.1	4588.0	2677.2
82.5°	1942.3	1968.5	2215.3	2498.7	2336.0	2672.0	1926.5	3217.9	2839.9	1868.8	997.4
85°	1091.9	1139.1	1364.9	1732.3	1464.6	981.6	803.2	1595.8	1784.8	766.4	482.9
87.5°	110.2	94.5	183.7	656.2	399.0	162.7	241.5	383.2	430.5	288.7	141.7
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°	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2
2.5°	7679.9	7679.9	7548.7	7328.2	7239.0	7081.5	6866.3	6934.5	6861.0	6593.3	6525.1
5°	7365.0	7113.0	6840.0	6504.1	6309.8	5910.9	5784.9	5559.2	5595.9	5370.2	5380.7
7.5°	6708.8	6509.3	6047.4	5606.4	5223.2	4876.7	4388.5	4204.8	4026.3	3937.1	4042.1
10°	6325.6	5952.9	5322.9	4745.5	4236.3	3926.6	3601.1	3349.1	3118.2	2944.9	2908.2
12.5°	6047.4	5716.6	4955.5	4252.0	3853.1	3601.1	3301.9	2955.4	2729.7	2430.5	2341.2
15°	5963.4	5559.2	4756.0	4057.8	3669.4	3254.7	2913.4	2572.2	2278.3	1963.3	1853.1
17.5°	6252.1	5784.9	4750.7	3900.3	3354.4	2908.2	2435.7	2052.5	1753.3	1464.6	1396.4
20°	6740.3	6026.4	4903.0	3805.8	3055.2	2456.7	1921.3	1538.1	1202.1	1013.1	965.9
22.5°	7296.7	6435.8	4918.7	3553.9	2756.0	2005.3	1401.6	1013.1	824.2	734.9	708.7
25°	7979.1	7092.0	5107.7	3349.1	2404.2	1522.3	997.4	776.9	666.7	614.2	603.7
27.5°	8540.8	7548.7	5312.4	3133.9	2057.8	1128.6	782.2	635.2	577.4	524.9	519.7
30°	9123.5	8073.6	5370.2	3002.7	1758.6	929.2	671.9	561.7	498.7	472.4	467.2
32.5°	9632.7	8645.8	5553.9	2787.5	1475.1	818.9	608.9	503.9	462.0	420.0	414.7
35°	10288.9	8976.5	5643.1	2672.0	1370.1	740.2	556.4	462.0	399.0	372.7	362.2
37.5°	10992.3	9296.8	5700.9	2582.7	1280.9	692.9	524.9	435.7	378.0	341.2	330.7
40°	11648.5	9748.2	5616.9	2472.5	1212.6	635.2	503.9	404.2	351.7	315.0	299.2
42.5°	12152.5	10189.2	5590.7	2367.5	1139.1	614.2	477.7	388.5	330.7	288.7	283.5
45°	12435.9	10488.4	5406.9	2283.5	1081.4	624.7	467.2	367.5	315.0	278.2	257.2
47.5°	12367.7	10719.4	5454.2	2257.3	1002.6	582.7	462.0	351.7	288.7	257.2	241.5
50°	12745.6	11186.6	5375.4	2173.3	944.9	524.9	503.9	351.7	283.5	246.7	231.0
52.5°	12808.6	11611.8	5543.4	2021.0	855.7	482.9	498.7	346.5	273.0	236.2	215.2
55°	13333.6	12105.2	5868.9	1937.0	782.2	420.0	456.7	336.0	246.7	215.2	204.7
57.5°	14047.5	13128.8	6078.9	1858.3	682.4	367.5	383.2	330.7	225.7	199.5	183.7
60°	14735.2	13538.3	6094.6	1716.6	587.9	330.7	299.2	330.7	210.0	178.5	162.7
62.5°	15249.6	13538.3	5989.6	1595.8	514.4	294.0	262.5	315.0	189.0	157.5	147.0
65°	14971.4	13176.1	5716.6	1496.1	467.2	257.2	225.7	241.5	168.0	136.5	126.0
67.5°	14472.7	12047.5	5113.0	1375.4	462.0	225.7	194.2	178.5	147.0	120.7	110.2
70°	13674.8	10525.1	4257.3	1238.9	451.5	204.7	173.2	152.2	131.2	105.0	94.5
72.5°	11018.6	8693.1	3496.1	1160.1	441.0	178.5	147.0	131.2	110.2	89.2	78.7
75°	7632.7	5553.9	2693.0	992.1	430.5	162.7	136.5	115.5	94.5	73.5	68.2
77.5°	4577.5	3711.4	1737.6	745.4	283.5	131.2	115.5	89.2	78.7	63.0	57.7
80°	2141.8	1753.3	703.4	288.7	136.5	94.5	78.7	68.2	63.0	52.5	47.2
82.5°	839.9	740.2	341.2	168.0	110.2	73.5	63.0	57.7	52.5	42.0	36.7
85°	451.5	399.0	162.7	115.5	78.7	52.5	52.5	47.2	42.0	36.7	31.5
87.5°	99.7	73.5	68.2	68.2	57.7	42.0	42.0	36.7	31.5	26.2	21.0
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°	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2
2.5°	6488.3	6567.0	6441.1	6519.8	6409.6	6493.6	6504.1	6425.3	6446.3	6551.3	6598.5
5°	5527.7	5475.2	5359.7	5322.9	5328.2	5259.9	5286.2	5322.9	5380.7	5412.2	5506.7
7.5°	3984.3	4105.1	4099.8	4189.1	4194.3	4183.8	4110.3	3952.8	4005.3	3963.3	4015.8
10°	2850.4	2902.9	3002.7	3060.4	3165.4	3107.7	2939.7	2876.7	2845.2	2839.9	2892.4
12.5°	2278.3	2152.3	2141.8	2162.8	2215.3	2147.0	2063.0	1989.5	2026.3	2099.8	2157.5
15°	1763.8	1658.8	1522.3	1501.3	1511.8	1480.3	1391.1	1296.6	1322.9	1396.4	1438.3
17.5°	1354.4	1233.6	1139.1	1076.1	1055.1	944.9	813.7	734.9	713.9	708.7	745.4
20°	913.4	892.4	876.7	797.9	797.9	640.4	530.2	472.4	472.4	482.9	488.2
22.5°	682.4	656.2	661.4	645.7	603.7	477.7	420.0	404.2	404.2	414.7	414.7
25°	593.2	556.4	545.9	540.7	498.7	409.5	367.5	351.7	351.7	362.2	362.2
27.5°	503.9	493.4	477.7	456.7	420.0	351.7	325.5	309.7	315.0	320.2	315.0
30°	462.0	435.7	414.7	414.7	372.7	315.0	294.0	283.5	273.0	283.5	288.7
32.5°	409.5	393.7	383.2	367.5	320.2	278.2	257.2	246.7	241.5	241.5	246.7
35°	351.7	351.7	341.2	320.2	278.2	252.0	225.7	215.2	210.0	215.2	215.2
37.5°	315.0	299.2	304.5	283.5	246.7	220.5	194.2	183.7	183.7	178.5	183.7
40°	294.0	267.7	252.0	241.5	220.5	189.0	168.0	157.5	152.2	152.2	152.2
42.5°	262.5	241.5	210.0	204.7	199.5	162.7	136.5	131.2	126.0	120.7	120.7
45°	246.7	215.2	189.0	162.7	162.7	136.5	115.5	105.0	99.7	94.5	99.7
47.5°	225.7	194.2	162.7	136.5	131.2	110.2	89.2	78.7	73.5	73.5	73.5
50°	215.2	173.2	141.7	115.5	99.7	89.2	68.2	57.7	52.5	52.5	52.5
52.5°	199.5	162.7	126.0	99.7	78.7	68.2	52.5	42.0	36.7	36.7	36.7
55°	178.5	147.0	110.2	84.0	68.2	52.5	36.7	26.2	21.0	21.0	21.0
57.5°	168.0	131.2	94.5	73.5	52.5	36.7	21.0	15.7	15.7	10.5	15.7
60°	152.2	115.5	78.7	57.7	42.0	26.2	15.7	5.2	5.2	5.2	5.2
62.5°	131.2	99.7	68.2	47.2	31.5	15.7	5.2	0.0	0.0	0.0	0.0
65°	110.2	78.7	52.5	36.7	21.0	5.2	0.0	0.0	0.0	0.0	0.0
67.5°	94.5	68.2	42.0	26.2	15.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	84.0	57.7	31.5	21.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	68.2	47.2	26.2	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	57.7	36.7	15.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	47.2	26.2	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	36.7	21.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	31.5	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	21.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.7	5.2	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: P599496  
 CATALOG NUMBER: IFLD-S-SA6A-740-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2	7391.2
2.5°	6666.8	6635.3	6792.8	7050.0	7181.2	7438.5	7501.4	7664.2	7622.2	7679.9
5°	5517.2	5580.2	5811.1	6189.1	6325.6	6698.3	7050.0	7401.7	7627.4	7737.7
7.5°	4094.6	4304.5	4588.0	4934.5	5286.2	5774.4	6372.8	6782.3	7002.8	7239.0
10°	3049.9	3275.7	3601.1	3942.3	4514.5	5060.5	5658.9	6168.1	6357.1	6577.5
12.5°	2399.0	2750.7	3128.7	3496.1	3837.3	4357.0	5097.2	5837.4	6042.1	6210.1
15°	1669.3	2099.8	2640.5	3118.2	3595.9	4047.3	4813.7	5711.4	5989.6	6273.1
17.5°	923.9	1265.1	1884.5	2556.5	3259.9	3952.8	4908.2	5942.4	6362.3	6561.8
20°	535.4	671.9	1112.9	1910.8	2839.9	3748.1	4955.5	6378.1	6934.5	7034.2
22.5°	441.0	488.2	629.9	1196.9	2325.5	3616.9	5196.9	6987.0	7553.9	7790.2
25°	378.0	414.7	488.2	719.2	1758.6	3338.6	5349.2	7748.2	8273.1	8530.3
27.5°	336.0	372.7	430.5	530.2	1196.9	2955.4	5601.2	8435.8	8960.8	9312.5
30°	294.0	325.5	383.2	451.5	829.4	2525.0	5816.4	8939.8	9680.0	9790.2
32.5°	262.5	288.7	330.7	388.5	614.2	1916.0	5989.6	9459.5	10084.2	10325.6
35°	225.7	257.2	283.5	330.7	467.2	1443.6	5884.6	9863.7	10677.4	10966.1
37.5°	199.5	220.5	246.7	278.2	393.7	1128.6	5669.4	10346.6	11186.6	11454.3
40°	168.0	183.7	215.2	246.7	357.0	871.4	5422.7	10929.3	11900.5	12372.9
42.5°	141.7	157.5	178.5	231.0	294.0	645.7	4924.0	11380.8	12477.9	12876.9
45°	110.2	131.2	162.7	231.0	236.2	477.7	4409.5	11716.7	12803.4	13002.9
47.5°	84.0	105.0	157.5	199.5	189.0	330.7	3800.6	12100.0	13139.3	13323.1
50°	63.0	84.0	178.5	173.2	157.5	252.0	3417.4	12367.7	13160.3	13260.1
52.5°	42.0	63.0	147.0	131.2	131.2	220.5	3312.4	12357.2	13212.8	12997.6
55°	31.5	47.2	84.0	94.5	115.5	194.2	3217.9	12750.9	13228.6	13380.8
57.5°	21.0	36.7	57.7	73.5	99.7	168.0	3023.7	13223.3	13716.8	13795.5
60°	10.5	26.2	42.0	57.7	84.0	147.0	2750.7	13569.8	14310.0	14394.0
62.5°	5.2	15.7	31.5	47.2	68.2	115.5	2467.2	13018.6	14052.7	14199.7
65°	0.0	10.5	21.0	31.5	42.0	84.0	2005.3	11753.5	13034.4	13575.0
67.5°	0.0	0.0	10.5	21.0	26.2	63.0	1511.8	10693.1	12094.7	12829.6
70°	0.0	0.0	5.2	5.2	15.7	47.2	965.9	8855.8	10798.1	11202.3
72.5°	0.0	0.0	0.0	0.0	5.2	31.5	561.7	6577.5	8462.1	9212.8
75°	0.0	0.0	0.0	0.0	0.0	26.2	283.5	4231.0	5889.9	6897.8
77.5°	0.0	0.0	0.0	0.0	0.0	21.0	152.2	2729.7	4341.3	5186.4
80°	0.0	0.0	0.0	0.0	0.0	5.2	89.2	1585.3	2777.0	3364.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	36.7	776.9	1658.8	1942.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	10.5	414.7	829.4	1091.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7	57.7	110.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)