

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: P599528

Luminaire Tested: **IFLD-S-SA6D-750-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: P599528  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6D-750-U-SLL-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield  
 Light Source: (96) 5000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

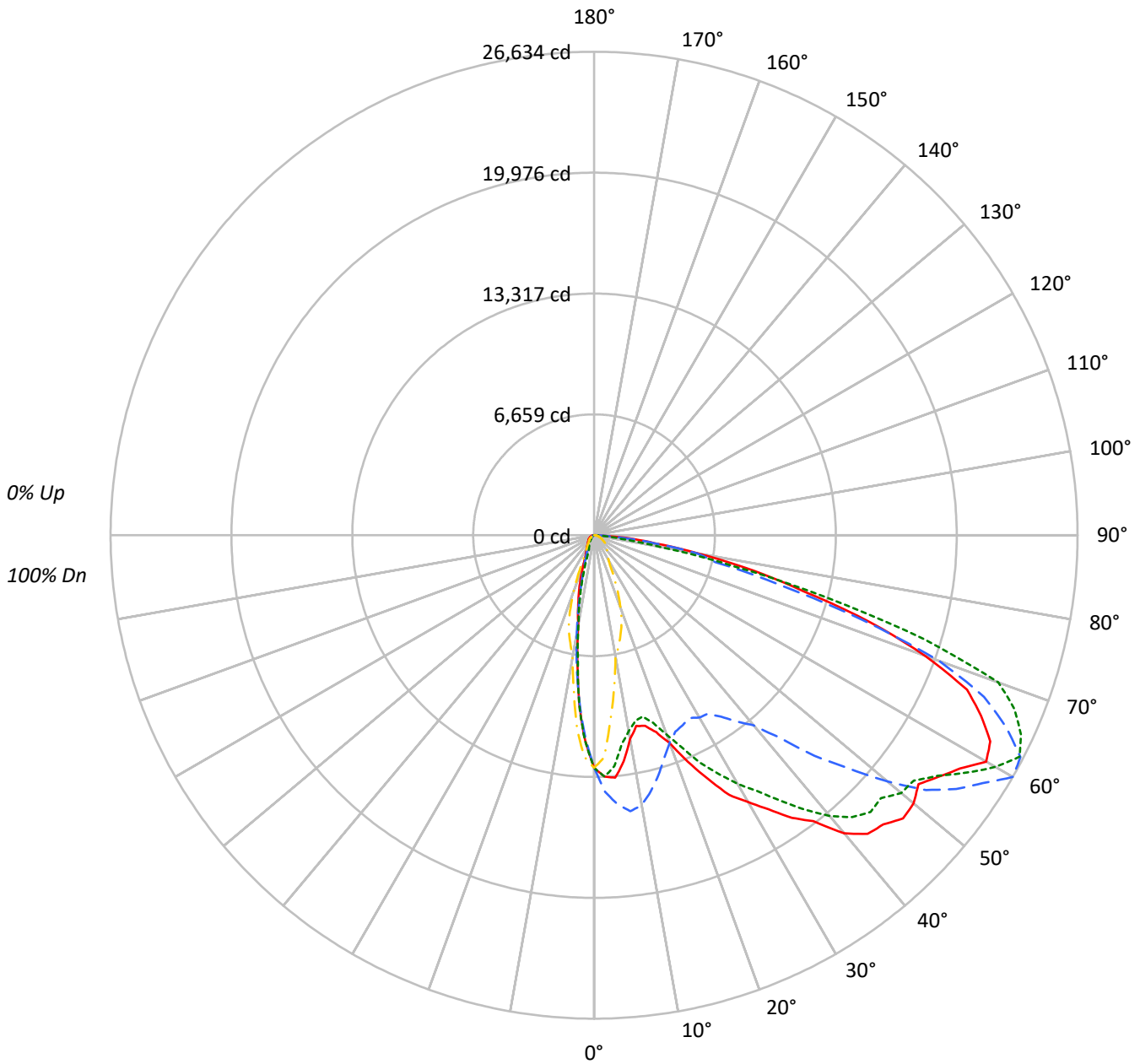
Lumens per Lamp: N/A  
 Luminaire Lumens: 34063.6 lumens  
 Efficiency: N/A  
 Efficacy: 92.5 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

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

TEST NUMBER: P599528  
CATALOG NUMBER: IFLD-S-SA6D-750-U-SLL-HSS

### 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°	91907	91907	91907	91907
5°	96583	91931	67163	67556
10°	83051	79870	36720	35858
15°	80756	76768	23855	17975
20°	93082	89192	12781	6391
25°	117037	109475	8283	4969
30°	140571	130999	6708	4070
35°	166464	156185	5498	3268
40°	200841	189082	4857	2471
45°	228659	218689	4523	1661
50°	256515	246563	4468	1016
55°	290085	289061	4439	455
60°	357968	366454	4047	131
65°	399418	440502	3707	0
70°	407276	497167	3435	0
75°	331394	366703	3280	0
80°	240956	153368	3384	0
85°	155777	64410	4495	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	973.0	2.9
10°-20°	1908.0	5.6
20°-30°	2640.4	7.8
30°-40°	3731.5	11.0
40°-50°	5080.5	14.9
50°-60°	6728.8	19.8
60°-70°	7812.7	22.9
70°-80°	4424.4	13.0
80°-90°	764.5	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°	5521.3	16.2
0°-40°	9252.8	27.2
0°-60°	21062.2	61.8
0°-90°	34063.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	34063.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	12808	12808	12808	12808	12808	
5°	13408	12762	9324	9378	13408	1204
15°	10870	10334	3211	2420	10870	3188
25°	14782	13826	1046	628	14782	6894
35°	19002	17829	628	373	19002	11979
45°	22532	21549	446	164	22532	17469
55°	23187	23105	355	36	23187	21007
65°	23523	25943	218	0	23523	22931
75°	11953	13226	118	0	11953	13045
85°	1892	782	55	0	1892	2273
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°	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7
2.5°	13308.0	13590.0	13599.1	13726.4	13853.8	13853.8	14153.9	14081.2	13817.4	13771.9	13580.9
5°	13408.0	13508.1	13580.9	14226.7	14772.5	14717.9	14881.7	14772.5	14263.1	13608.2	13162.4
7.5°	12543.9	12653.0	12944.1	14044.8	14781.6	15027.2	15336.5	14654.2	14117.6	12935.0	12080.0
10°	11397.7	11607.0	12143.6	13398.9	14308.6	15090.9	15090.9	14545.1	13508.1	12352.9	11306.8
12.5°	10761.0	11179.4	11470.5	12744.0	13926.5	14463.2	14445.0	14153.9	13480.8	12025.4	10842.9
15°	10870.2	10988.4	11607.0	12598.5	13380.8	13353.5	13680.9	13590.0	13117.0	12316.5	11015.7
17.5°	11370.5	11552.4	12089.1	12598.5	12971.4	12862.3	12853.2	13289.8	13317.1	12807.7	11661.5
20°	12189.1	12725.8	12980.5	13135.2	12680.3	12216.4	12161.8	12771.3	13244.3	13435.3	12434.7
22.5°	13499.0	13853.8	14372.3	13580.9	12398.3	11816.2	11707.0	12380.2	13335.3	14181.2	13435.3
25°	14781.6	15054.5	15554.8	14536.0	12716.7	11734.3	11543.3	12125.5	13680.9	15218.2	14645.1
27.5°	16137.0	16373.5	16428.0	15236.4	12889.5	11570.6	11343.2	12125.5	13972.0	15764.0	16091.5
30°	16964.7	17246.7	17301.3	15855.0	13171.5	11707.0	11597.9	12180.0	14172.1	16227.9	17128.5
32.5°	17892.5	17965.3	17919.8	15964.1	13480.8	12107.3	11652.4	12543.9	14399.5	16782.8	18074.5
35°	19002.3	19129.7	18665.7	16464.4	14172.1	12362.0	12198.2	12989.6	14790.7	17037.5	19220.6
37.5°	19848.3	20248.5	19202.4	16655.4	14308.6	12898.6	12925.9	13917.4	15063.6	17346.8	20485.0
40°	21440.1	20767.0	20112.1	17310.4	14827.1	13808.3	13662.7	14872.6	15982.3	17546.9	21312.8
42.5°	22313.4	21958.6	20466.8	17374.1	15627.6	15063.6	15100.0	15955.0	16464.4	18110.9	21540.2
45°	22531.7	22158.7	20948.9	17419.5	16418.9	16546.3	17173.9	17337.7	17173.9	18483.8	21967.7
47.5°	23086.6	22277.0	20894.3	18029.0	17701.5	18192.7	18993.2	19348.0	18138.2	18347.4	22167.8
50°	22977.4	22513.5	20776.1	18283.7	19266.1	20566.9	21103.6	20958.0	19211.5	18065.4	21949.5
52.5°	22522.6	22022.3	21140.0	18975.0	20730.6	22304.3	23050.2	22686.3	20166.6	18702.1	21804.0
55°	23186.6	22804.6	21613.0	19911.9	21831.3	23832.5	24360.1	24087.2	21340.1	19293.4	22631.8
57.5°	23905.2	23823.4	22895.5	21012.6	23132.1	25406.1	25406.1	25069.6	22358.9	20148.4	23859.8
60°	24942.2	25124.2	23841.6	21740.3	23577.8	25315.2	26634.2	26243.0	23386.8	21649.3	25251.5
62.5°	24605.7	25187.8	25060.5	23304.9	24087.2	25760.9	26479.5	26770.6	24660.2	23477.7	27107.2
65°	23523.2	24141.8	25051.4	24332.8	23705.1	24678.4	25042.3	25924.6	25297.0	25196.9	27871.3
67.5°	22231.5	22904.6	23468.6	25024.1	22931.9	23577.8	23259.4	23541.4	24605.7	27079.9	28307.9
70°	19411.6	20057.5	20948.9	23486.8	20885.3	20303.1	20221.2	20084.8	21740.3	26406.7	26324.9
72.5°	15964.1	16264.3	17737.9	19093.3	15454.7	15345.6	15472.9	15318.3	17237.6	23905.2	22549.9
75°	11952.6	12252.8	13089.7	14663.3	10524.5	9896.8	10624.6	11343.2	13162.4	18556.6	16200.6
77.5°	8987.2	9369.3	9896.8	10970.2	7722.8	6740.4	6840.5	7522.7	9514.8	14863.5	9078.2
80°	5830.8	5785.3	6804.1	7550.0	5812.6	5994.5	5739.8	6240.1	6895.0	7950.2	4639.1
82.5°	3365.7	3411.1	3838.7	4329.9	4047.9	4630.0	3338.4	5576.1	4921.1	3238.3	1728.3
85°	1892.0	1973.9	2365.1	3001.8	2537.9	1701.0	1391.7	2765.3	3092.8	1328.1	836.9
87.5°	191.0	163.7	318.4	1137.0	691.3	282.0	418.4	664.0	745.9	500.3	245.6
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: P599528  
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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7
2.5°	13308.0	13308.0	13080.6	12698.5	12543.9	12271.0	11898.0	12016.3	11888.9	11425.0	11306.8
5°	12762.2	12325.6	11852.6	11270.4	10933.8	10242.5	10024.2	9633.0	9696.7	9305.6	9323.8
7.5°	11625.2	11279.5	10479.0	9714.9	9050.9	8450.5	7604.6	7286.2	6976.9	6822.3	7004.2
10°	10961.1	10315.3	9223.7	8223.1	7340.8	6804.1	6240.1	5803.5	5403.2	5103.1	5039.4
12.5°	10479.0	9905.9	8587.0	7368.1	6676.7	6240.1	5721.6	5121.3	4730.1	4211.6	4057.0
15°	10333.5	9633.0	8241.3	7031.5	6358.4	5639.7	5048.5	4457.2	3947.8	3402.0	3211.0
17.5°	10833.8	10024.2	8232.2	6758.6	5812.6	5039.4	4220.7	3556.7	3038.2	2537.9	2419.6
20°	11679.7	10442.6	8496.0	6594.9	5294.1	4257.1	3329.3	2665.2	2083.1	1755.6	1673.7
22.5°	12643.9	11152.1	8523.3	6158.2	4775.6	3474.8	2428.7	1755.6	1428.1	1273.5	1228.0
25°	13826.5	12289.2	8850.8	5803.5	4166.1	2637.9	1728.3	1346.3	1155.2	1064.3	1046.1
27.5°	14799.8	13080.6	9205.5	5430.5	3565.8	1955.7	1355.4	1100.7	1000.6	909.6	900.5
30°	15809.5	13990.2	9305.6	5203.1	3047.3	1610.1	1164.3	973.3	864.2	818.7	809.6
32.5°	16691.8	14981.7	9624.0	4830.2	2556.1	1419.0	1055.2	873.3	800.5	727.7	718.6
35°	17828.9	15554.8	9778.6	4630.0	2374.2	1282.6	964.2	800.5	691.3	645.8	627.6
37.5°	19047.8	16109.7	9878.7	4475.4	2219.5	1200.7	909.6	755.0	654.9	591.3	573.1
40°	20184.8	16891.9	9733.1	4284.4	2101.3	1100.7	873.3	700.4	609.5	545.8	518.5
42.5°	21058.1	17656.0	9687.6	4102.5	1973.9	1064.3	827.8	673.1	573.1	500.3	491.2
45°	21549.3	18174.5	9369.3	3956.9	1873.9	1082.5	809.6	636.7	545.8	482.1	445.7
47.5°	21431.0	18574.8	9451.1	3911.4	1737.4	1009.7	800.5	609.5	500.3	445.7	418.4
50°	22086.0	19384.4	9314.7	3765.9	1637.3	909.6	873.3	609.5	491.2	427.5	400.2
52.5°	22195.1	20121.2	9605.8	3502.1	1482.7	836.9	864.2	600.4	473.0	409.3	373.0
55°	23104.8	20976.2	10169.7	3356.6	1355.4	727.7	791.4	582.2	427.5	373.0	354.8
57.5°	24341.9	22750.0	10533.6	3220.1	1182.5	636.7	664.0	573.1	391.1	345.7	318.4
60°	25533.5	23459.5	10560.9	2974.5	1018.8	573.1	518.5	573.1	363.9	309.3	282.0
62.5°	26424.9	23459.5	10379.0	2765.3	891.4	509.4	454.8	545.8	327.5	272.9	254.7
65°	25942.8	22831.9	9905.9	2592.5	809.6	445.7	391.1	418.4	291.1	236.5	218.3
67.5°	25078.7	20876.2	8859.9	2383.2	800.5	391.1	336.6	309.3	254.7	209.2	191.0
70°	23696.0	18238.2	7377.2	2146.7	782.3	354.8	300.2	263.8	227.4	181.9	163.7
72.5°	19093.3	15063.6	6058.2	2010.3	764.1	309.3	254.7	227.4	191.0	154.6	136.4
75°	13226.1	9624.0	4666.4	1719.2	745.9	282.0	236.5	200.1	163.7	127.3	118.3
77.5°	7932.0	6431.1	3010.9	1291.7	491.2	227.4	200.1	154.6	136.4	109.2	100.1
80°	3711.3	3038.2	1218.9	500.3	236.5	163.7	136.4	118.3	109.2	91.0	81.9
82.5°	1455.4	1282.6	591.3	291.1	191.0	127.3	109.2	100.1	91.0	72.8	63.7
85°	782.3	691.3	282.0	200.1	136.4	91.0	91.0	81.9	72.8	63.7	54.6
87.5°	172.8	127.3	118.3	118.3	100.1	72.8	72.8	63.7	54.6	45.5	36.4
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7
2.5°	11243.1	11379.6	11161.2	11297.7	11106.7	11252.2	11270.4	11133.9	11170.3	11352.3	11434.1
5°	9578.5	9487.5	9287.4	9223.7	9232.8	9114.6	9160.0	9223.7	9323.8	9378.4	9542.1
7.5°	6904.1	7113.4	7104.3	7258.9	7268.0	7249.8	7122.5	6849.6	6940.5	6867.8	6958.7
10°	4939.3	5030.3	5203.1	5303.2	5485.1	5385.0	5094.0	4984.8	4930.2	4921.1	5012.1
12.5°	3947.8	3729.5	3711.3	3747.7	3838.7	3720.4	3574.9	3447.5	3511.2	3638.5	3738.6
15°	3056.4	2874.5	2637.9	2601.6	2619.8	2565.2	2410.5	2246.8	2292.3	2419.6	2492.4
17.5°	2346.9	2137.6	1973.9	1864.8	1828.4	1637.3	1409.9	1273.5	1237.1	1228.0	1291.7
20°	1582.8	1546.4	1519.1	1382.6	1382.6	1109.8	918.7	818.7	818.7	836.9	846.0
22.5°	1182.5	1137.0	1146.1	1118.9	1046.1	827.8	727.7	700.4	700.4	718.6	718.6
25°	1027.9	964.2	946.0	936.9	864.2	709.5	636.7	609.5	609.5	627.6	627.6
27.5°	873.3	855.1	827.8	791.4	727.7	609.5	564.0	536.7	545.8	554.9	545.8
30°	800.5	755.0	718.6	718.6	645.8	545.8	509.4	491.2	473.0	491.2	500.3
32.5°	709.5	682.2	664.0	636.7	554.9	482.1	445.7	427.5	418.4	418.4	427.5
35°	609.5	609.5	591.3	554.9	482.1	436.6	391.1	373.0	363.9	373.0	373.0
37.5°	545.8	518.5	527.6	491.2	427.5	382.0	336.6	318.4	318.4	309.3	318.4
40°	509.4	463.9	436.6	418.4	382.0	327.5	291.1	272.9	263.8	263.8	263.8
42.5°	454.8	418.4	363.9	354.8	345.7	282.0	236.5	227.4	218.3	209.2	209.2
45°	427.5	373.0	327.5	282.0	282.0	236.5	200.1	181.9	172.8	163.7	172.8
47.5°	391.1	336.6	282.0	236.5	227.4	191.0	154.6	136.4	127.3	127.3	127.3
50°	373.0	300.2	245.6	200.1	172.8	154.6	118.3	100.1	91.0	91.0	91.0
52.5°	345.7	282.0	218.3	172.8	136.4	118.3	91.0	72.8	63.7	63.7	63.7
55°	309.3	254.7	191.0	145.5	118.3	91.0	63.7	45.5	36.4	36.4	36.4
57.5°	291.1	227.4	163.7	127.3	91.0	63.7	36.4	27.3	27.3	18.2	27.3
60°	263.8	200.1	136.4	100.1	72.8	45.5	27.3	9.1	9.1	9.1	9.1
62.5°	227.4	172.8	118.3	81.9	54.6	27.3	9.1	0.0	0.0	0.0	0.0
65°	191.0	136.4	91.0	63.7	36.4	9.1	0.0	0.0	0.0	0.0	0.0
67.5°	163.7	118.3	72.8	45.5	27.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	145.5	100.1	54.6	36.4	9.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	118.3	81.9	45.5	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	100.1	63.7	27.3	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	81.9	45.5	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	63.7	36.4	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	54.6	27.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	36.4	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	27.3	9.1	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: P599528  
 CATALOG NUMBER: IFLD-S-SA6D-750-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7	12807.7
2.5°	11552.4	11497.8	11770.7	12216.4	12443.8	12889.5	12998.7	13280.7	13207.9	13308.0
5°	9560.3	9669.4	10069.7	10724.6	10961.1	11607.0	12216.4	12825.9	13217.0	13408.0
7.5°	7095.2	7459.0	7950.2	8550.6	9160.0	10006.0	11043.0	11752.5	12134.5	12543.9
10°	5285.0	5676.1	6240.1	6831.4	7822.9	8768.9	9805.9	10688.2	11015.7	11397.7
12.5°	4157.0	4766.5	5421.4	6058.2	6649.4	7550.0	8832.6	10115.2	10469.9	10761.0
15°	2892.6	3638.5	4575.5	5403.2	6231.0	7013.3	8341.4	9896.8	10379.0	10870.2
17.5°	1601.0	2192.2	3265.6	4429.9	5648.8	6849.6	8505.1	10297.1	11024.8	11370.5
20°	927.8	1164.3	1928.4	3311.1	4921.1	6494.8	8587.0	11052.1	12016.3	12189.1
22.5°	764.1	846.0	1091.6	2074.0	4029.7	6267.4	9005.4	12107.3	13089.7	13499.0
25°	654.9	718.6	846.0	1246.2	3047.3	5785.3	9269.2	13426.2	14335.9	14781.6
27.5°	582.2	645.8	745.9	918.7	2074.0	5121.3	9705.8	14617.9	15527.5	16137.0
30°	509.4	564.0	664.0	782.3	1437.2	4375.4	10078.8	15491.1	16773.7	16964.7
32.5°	454.8	500.3	573.1	673.1	1064.3	3320.2	10379.0	16391.6	17474.1	17892.5
35°	391.1	445.7	491.2	573.1	809.6	2501.5	10197.0	17092.1	18502.0	19002.3
37.5°	345.7	382.0	427.5	482.1	682.2	1955.7	9824.1	17928.9	19384.4	19848.3
40°	291.1	318.4	373.0	427.5	618.6	1510.0	9396.5	18938.6	20621.5	21440.1
42.5°	245.6	272.9	309.3	400.2	509.4	1118.9	8532.4	19720.9	21622.1	22313.4
45°	191.0	227.4	282.0	400.2	409.3	827.8	7640.9	20303.1	22186.0	22531.7
47.5°	145.5	181.9	272.9	345.7	327.5	573.1	6585.8	20967.1	22768.2	23086.6
50°	109.2	145.5	309.3	300.2	272.9	436.6	5921.7	21431.0	22804.6	22977.4
52.5°	72.8	109.2	254.7	227.4	227.4	382.0	5739.8	21412.8	22895.5	22522.6
55°	54.6	81.9	145.5	163.7	200.1	336.6	5576.1	22095.1	22922.8	23186.6
57.5°	36.4	63.7	100.1	127.3	172.8	291.1	5239.5	22913.7	23768.8	23905.2
60°	18.2	45.5	72.8	100.1	145.5	254.7	4766.5	23514.1	24796.7	24942.2
62.5°	9.1	27.3	54.6	81.9	118.3	200.1	4275.3	22559.0	24351.0	24605.7
65°	0.0	18.2	36.4	54.6	72.8	145.5	3474.8	20366.8	22586.3	23523.2
67.5°	0.0	0.0	18.2	36.4	45.5	109.2	2619.8	18529.3	20958.0	22231.5
70°	0.0	0.0	9.1	9.1	27.3	81.9	1673.7	15345.6	18711.2	19411.6
72.5°	0.0	0.0	0.0	0.0	9.1	54.6	973.3	11397.7	14663.3	15964.1
75°	0.0	0.0	0.0	0.0	0.0	45.5	491.2	7331.7	10206.1	11952.6
77.5°	0.0	0.0	0.0	0.0	0.0	36.4	263.8	4730.1	7522.7	8987.2
80°	0.0	0.0	0.0	0.0	0.0	9.1	154.6	2747.1	4812.0	5830.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	63.7	1346.3	2874.5	3365.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	18.2	718.6	1437.2	1892.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.3	100.1	191.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)