

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: P599441

Luminaire Tested: **IFLD-S-SA6D-730-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: P599441  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6D-730-U-SLL-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield  
 Light Source: (96) 3000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

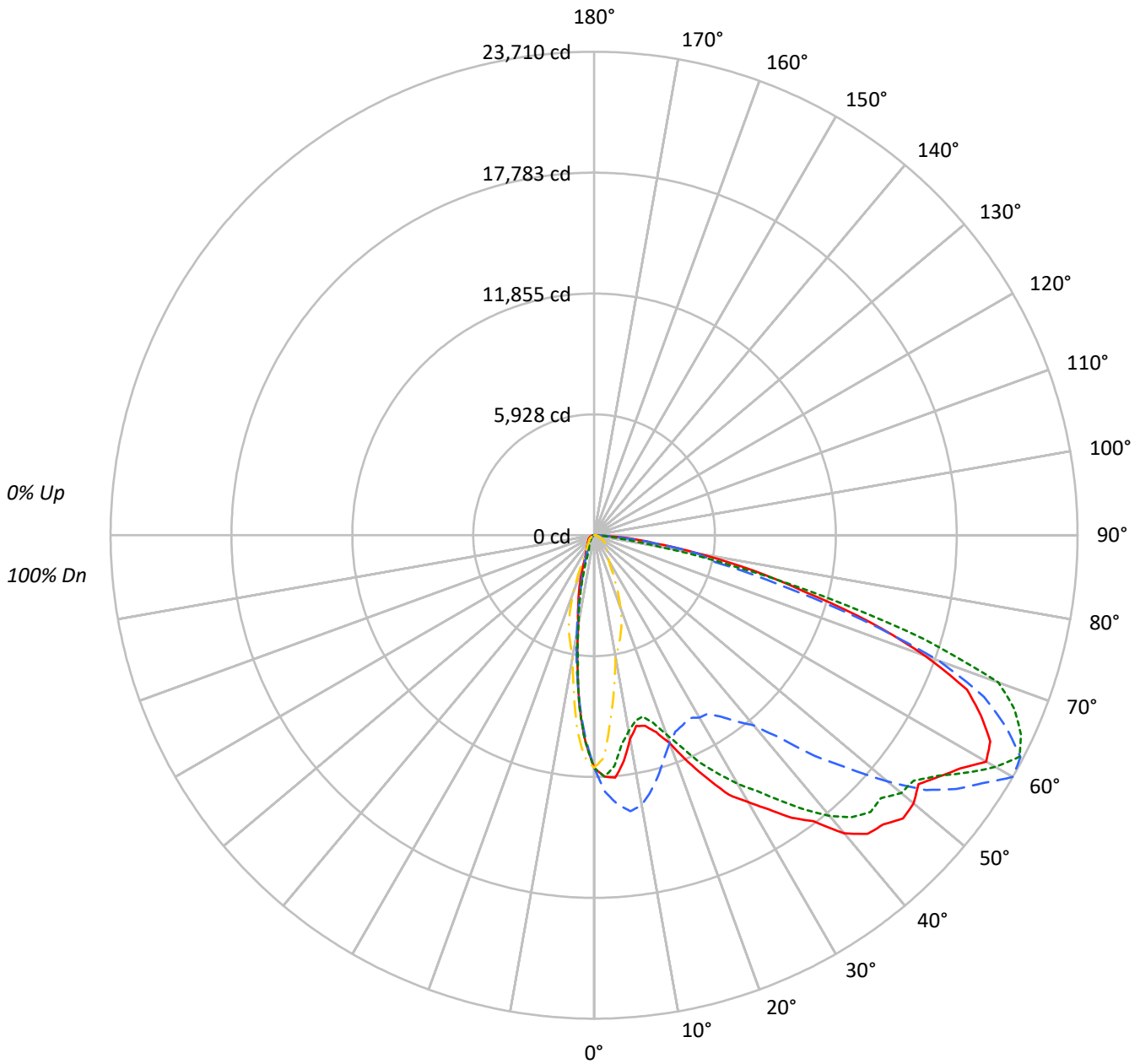
Lumens per Lamp: N/A  
 Luminaire Lumens: 30323.9 lumens  
 Efficiency: N/A  
 Efficacy: 82.4 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 368.2  
 Input Voltage (V): 120  
 Input Current (A<sub>in</sub>): 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				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°	81817	81817	81817	81817
5°	85979	81838	59789	60139
10°	73933	71101	32689	31922
15°	71890	68340	21236	16002
20°	82863	79400	11378	5689
25°	104188	97456	7373	4424
30°	125138	116616	5972	3623
35°	148189	139038	4894	2908
40°	178791	168323	4324	2199
45°	203555	194680	4027	1480
50°	228353	219493	3978	904
55°	258238	257326	3951	405
60°	318668	326223	3602	116
65°	355567	392142	3299	0
70°	362563	442585	3059	0
75°	295013	326445	2920	0
80°	214500	136532	3013	0
85°	138676	57338	4001	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	866.2	2.9
10°-20°	1698.5	5.6
20°-30°	2350.5	7.8
30°-40°	3321.8	11.0
40°-50°	4522.7	14.9
50°-60°	5990.1	19.8
60°-70°	6954.9	22.9
70°-80°	3938.6	13.0
80°-90°	680.5	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°	4915.2	16.2
0°-40°	8237.0	27.2
0°-60°	18749.8	61.8
0°-90°	30323.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	30323.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	11402	11402	11402	11402	11402	
5°	11936	11361	8300	8349	11936	1072
15°	9677	9199	2858	2154	9677	2838
25°	13159	12308	931	559	13159	6137
35°	16916	15872	559	332	16916	10664
45°	20058	19184	397	146	20058	15551
55°	20641	20568	316	32	20641	18701
65°	20941	23095	194	0	20941	20413
75°	10640	11774	105	0	10640	11613
85°	1684	696	49	0	1684	2024
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°	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6
2.5°	11847.0	12098.0	12106.1	12219.4	12332.8	12332.8	12600.0	12535.3	12300.4	12259.9	12089.9
5°	11936.0	12025.1	12089.9	12664.8	13150.7	13102.1	13247.9	13150.7	12697.2	12114.2	11717.4
7.5°	11166.7	11263.9	11523.0	12502.9	13158.8	13377.4	13652.7	13045.4	12567.6	11514.9	10753.8
10°	10146.4	10332.7	10810.4	11927.9	12737.7	13434.1	13434.1	12948.2	12025.1	10996.7	10065.5
12.5°	9579.6	9952.1	10211.2	11344.9	12397.6	12875.4	12859.2	12600.0	12000.8	10705.2	9652.5
15°	9676.8	9782.0	10332.7	11215.3	11911.7	11887.4	12179.0	12098.0	11676.9	10964.3	9806.3
17.5°	10122.1	10284.1	10761.9	11215.3	11547.3	11450.2	11442.1	11830.8	11855.0	11401.6	10381.3
20°	10850.9	11328.7	11555.4	11693.1	11288.2	10875.2	10826.6	11369.2	11790.3	11960.3	11069.6
22.5°	12017.0	12332.8	12794.4	12089.9	11037.2	10518.9	10421.8	11021.0	11871.2	12624.3	11960.3
25°	13158.8	13401.7	13847.1	12940.1	11320.6	10446.0	10276.0	10794.2	12179.0	13547.5	13037.3
27.5°	14365.3	14575.9	14624.5	13563.7	11474.5	10300.3	10097.8	10794.2	12438.1	14033.3	14324.9
30°	15102.2	15353.3	15401.8	14114.3	11725.5	10421.8	10324.6	10842.8	12616.2	14446.3	15248.0
32.5°	15928.2	15993.0	15952.5	14211.5	12000.8	10778.1	10373.2	11166.7	12818.7	14940.3	16090.2
35°	16916.1	17029.5	16616.5	14656.9	12616.2	11004.8	10859.0	11563.5	13166.9	15167.0	17110.5
37.5°	17669.2	18025.5	17094.3	14826.9	12737.7	11482.6	11506.8	12389.5	13409.8	15442.3	18236.0
40°	19086.3	18487.1	17904.0	15409.9	13199.3	12292.3	12162.8	13239.8	14227.7	15620.5	18972.9
42.5°	19863.7	19547.9	18219.9	15466.6	13911.9	13409.8	13442.2	14203.4	14656.9	16122.5	19175.4
45°	20058.0	19726.0	18649.0	15507.1	14616.4	14729.7	15288.5	15434.2	15288.5	16454.6	19556.0
47.5°	20552.0	19831.3	18600.4	16049.7	15758.1	16195.4	16908.0	17223.8	16146.8	16333.1	19734.1
50°	20454.8	20041.8	18495.2	16276.4	17151.0	18308.9	18786.7	18657.1	17102.4	16082.1	19539.8
52.5°	20049.9	19604.6	18819.1	16891.8	18454.7	19855.6	20519.6	20195.7	17952.6	16648.9	19410.2
55°	20641.1	20301.0	19240.2	17725.9	19434.5	21216.0	21685.7	21442.7	18997.2	17175.2	20147.1
57.5°	21280.8	21207.9	20381.9	18705.7	20592.5	22616.9	22616.9	22317.3	19904.2	17936.4	21240.3
60°	22203.9	22365.9	21224.1	19353.5	20989.3	22535.9	23710.1	23361.9	20819.2	19272.6	22479.2
62.5°	21904.3	22422.6	22309.2	20746.3	21442.7	22932.7	23572.4	23831.6	21952.9	20900.2	24131.2
65°	20940.7	21491.3	22301.1	21661.4	21102.6	21969.1	22293.0	23078.5	22519.7	22430.7	24811.4
67.5°	19790.8	20390.0	20892.1	22276.8	20414.3	20989.3	20705.8	20956.9	21904.3	24106.9	25200.1
70°	17280.5	17855.5	18649.0	20908.3	18592.3	18074.1	18001.2	17879.7	19353.5	23507.7	23434.8
72.5°	14211.5	14478.7	15790.5	16997.1	13758.0	13660.8	13774.2	13636.5	15345.2	21280.8	20074.2
75°	10640.4	10907.6	11652.6	13053.5	9369.1	8810.3	9458.1	10097.8	11717.4	16519.3	14422.0
77.5°	8000.5	8340.6	8810.3	9765.8	6875.0	6000.4	6089.5	6696.8	8470.2	13231.7	8081.5
80°	5190.6	5150.1	6057.1	6721.1	5174.4	5336.4	5109.7	5555.0	6138.1	7077.4	4129.8
82.5°	2996.2	3036.6	3417.2	3854.5	3603.5	4121.7	2971.9	4963.9	4380.9	2882.8	1538.6
85°	1684.3	1757.2	2105.4	2672.2	2259.3	1514.3	1238.9	2461.7	2753.2	1182.3	745.0
87.5°	170.1	145.8	283.4	1012.2	615.4	251.0	372.5	591.1	664.0	445.4	218.6
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6
2.5°	11847.0	11847.0	11644.5	11304.4	11166.7	10923.8	10591.8	10697.1	10583.7	10170.7	10065.5
5°	11361.1	10972.4	10551.3	10033.1	9733.4	9118.0	8923.7	8575.5	8632.2	8284.0	8300.2
7.5°	10348.9	10041.2	9328.6	8648.4	8057.2	7522.8	6769.7	6486.3	6210.9	6073.3	6235.2
10°	9757.7	9182.8	8211.1	7320.3	6534.9	6057.1	5555.0	5166.3	4810.0	4542.8	4486.1
12.5°	9328.6	8818.4	7644.2	6559.1	5943.7	5555.0	5093.5	4559.0	4210.8	3749.2	3611.6
15°	9199.0	8575.5	7336.5	6259.5	5660.3	5020.6	4494.2	3967.9	3514.4	3028.5	2858.5
17.5°	9644.4	8923.7	7328.4	6016.6	5174.4	4486.1	3757.3	3166.2	2704.6	2259.3	2154.0
20°	10397.5	9296.2	7563.3	5870.8	4712.9	3789.7	2963.8	2372.6	1854.4	1562.9	1490.0
22.5°	11255.8	9927.8	7587.6	5482.2	4251.3	3093.3	2162.1	1562.9	1271.3	1133.7	1093.2
25°	12308.5	10940.0	7879.1	5166.3	3708.8	2348.3	1538.6	1198.5	1028.4	947.4	931.2
27.5°	13175.0	11644.5	8194.9	4834.3	3174.3	1741.0	1206.6	979.8	890.7	809.8	801.7
30°	14073.8	12454.3	8284.0	4631.9	2712.7	1433.3	1036.5	866.5	769.3	728.8	720.7
32.5°	14859.3	13336.9	8567.4	4299.9	2275.5	1263.2	939.3	777.4	712.6	647.8	639.7
35°	15871.5	13847.1	8705.0	4121.7	2113.5	1141.8	858.4	712.6	615.4	574.9	558.7
37.5°	16956.6	14341.0	8794.1	3984.1	1975.8	1068.9	809.8	672.1	583.0	526.4	510.2
40°	17968.8	15037.5	8664.6	3814.0	1870.6	979.8	777.4	623.5	542.5	485.9	461.6
42.5°	18746.2	15717.7	8624.1	3652.1	1757.2	947.4	736.9	599.2	510.2	445.4	437.3
45°	19183.5	16179.2	8340.6	3522.5	1668.1	963.6	720.7	566.8	485.9	429.2	396.8
47.5°	19078.2	16535.5	8413.5	3482.0	1546.7	898.8	712.6	542.5	445.4	396.8	372.5
50°	19661.2	17256.2	8292.1	3352.5	1457.6	809.8	777.4	542.5	437.3	380.6	356.3
52.5°	19758.4	17912.1	8551.2	3117.6	1319.9	745.0	769.3	534.4	421.1	364.4	332.0
55°	20568.2	18673.3	9053.2	2988.1	1206.6	647.8	704.5	518.3	380.6	332.0	315.8
57.5°	21669.5	20252.4	9377.2	2866.6	1052.7	566.8	591.1	510.2	348.2	307.7	283.4
60°	22730.3	20884.0	9401.4	2648.0	906.9	510.2	461.6	510.2	323.9	275.3	251.0
62.5°	23523.9	20884.0	9239.5	2461.7	793.6	453.5	404.9	485.9	291.5	242.9	226.7
65°	23094.7	20325.3	8818.4	2307.8	720.7	396.8	348.2	372.5	259.1	210.5	194.3
67.5°	22325.4	18584.2	7887.2	2121.6	712.6	348.2	299.6	275.3	226.7	186.2	170.1
70°	21094.5	16235.9	6567.2	1911.1	696.4	315.8	267.2	234.8	202.4	162.0	145.8
72.5°	16997.1	13409.8	5393.1	1789.6	680.2	275.3	226.7	202.4	170.1	137.7	121.5
75°	11774.1	8567.4	4154.1	1530.5	664.0	251.0	210.5	178.1	145.8	113.4	105.3
77.5°	7061.2	5725.1	2680.3	1149.9	437.3	202.4	178.1	137.7	121.5	97.2	89.1
80°	3303.9	2704.6	1085.1	445.4	210.5	145.8	121.5	105.3	97.2	81.0	72.9
82.5°	1295.6	1141.8	526.4	259.1	170.1	113.4	97.2	89.1	81.0	64.8	56.7
85°	696.4	615.4	251.0	178.1	121.5	81.0	81.0	72.9	64.8	56.7	48.6
87.5°	153.9	113.4	105.3	105.3	89.1	64.8	64.8	56.7	48.6	40.5	32.4
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°	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6
2.5°	10008.8	10130.2	9935.9	10057.4	9887.3	10016.9	10033.1	9911.6	9944.0	10105.9	10178.8
5°	8526.9	8445.9	8267.8	8211.1	8219.2	8113.9	8154.4	8211.1	8300.2	8348.7	8494.5
7.5°	6146.2	6332.4	6324.3	6462.0	6470.1	6453.9	6340.5	6097.6	6178.6	6113.8	6194.7
10°	4397.1	4478.0	4631.9	4721.0	4882.9	4793.8	4534.7	4437.5	4389.0	4380.9	4461.8
12.5°	3514.4	3320.1	3303.9	3336.3	3417.2	3312.0	3182.4	3069.0	3125.7	3239.1	3328.2
15°	2720.8	2558.9	2348.3	2315.9	2332.1	2283.6	2145.9	2000.1	2040.6	2154.0	2218.8
17.5°	2089.2	1903.0	1757.2	1660.0	1627.6	1457.6	1255.1	1133.7	1101.3	1093.2	1149.9
20°	1409.0	1376.6	1352.3	1230.9	1230.9	987.9	817.9	728.8	728.8	745.0	753.1
22.5°	1052.7	1012.2	1020.3	996.0	931.2	736.9	647.8	623.5	623.5	639.7	639.7
25°	915.0	858.4	842.2	834.1	769.3	631.6	566.8	542.5	542.5	558.7	558.7
27.5°	777.4	761.2	736.9	704.5	647.8	542.5	502.1	477.8	485.9	494.0	485.9
30°	712.6	672.1	639.7	639.7	574.9	485.9	453.5	437.3	421.1	437.3	445.4
32.5°	631.6	607.3	591.1	566.8	494.0	429.2	396.8	380.6	372.5	372.5	380.6
35°	542.5	542.5	526.4	494.0	429.2	388.7	348.2	332.0	323.9	332.0	332.0
37.5°	485.9	461.6	469.7	437.3	380.6	340.1	299.6	283.4	283.4	275.3	283.4
40°	453.5	413.0	388.7	372.5	340.1	291.5	259.1	242.9	234.8	234.8	234.8
42.5°	404.9	372.5	323.9	315.8	307.7	251.0	210.5	202.4	194.3	186.2	186.2
45°	380.6	332.0	291.5	251.0	251.0	210.5	178.1	162.0	153.9	145.8	153.9
47.5°	348.2	299.6	251.0	210.5	202.4	170.1	137.7	121.5	113.4	113.4	113.4
50°	332.0	267.2	218.6	178.1	153.9	137.7	105.3	89.1	81.0	81.0	81.0
52.5°	307.7	251.0	194.3	153.9	121.5	105.3	81.0	64.8	56.7	56.7	56.7
55°	275.3	226.7	170.1	129.6	105.3	81.0	56.7	40.5	32.4	32.4	32.4
57.5°	259.1	202.4	145.8	113.4	81.0	56.7	32.4	24.3	24.3	16.2	24.3
60°	234.8	178.1	121.5	89.1	64.8	40.5	24.3	8.1	8.1	8.1	8.1
62.5°	202.4	153.9	105.3	72.9	48.6	24.3	8.1	0.0	0.0	0.0	0.0
65°	170.1	121.5	81.0	56.7	32.4	8.1	0.0	0.0	0.0	0.0	0.0
67.5°	145.8	105.3	64.8	40.5	24.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	129.6	89.1	48.6	32.4	8.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	105.3	72.9	40.5	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	89.1	56.7	24.3	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	72.9	40.5	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	56.7	32.4	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	48.6	24.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	32.4	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.3	8.1	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: P599441  
 CATALOG NUMBER: IFLD-S-SA6D-730-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6	11401.6
2.5°	10284.1	10235.5	10478.4	10875.2	11077.7	11474.5	11571.6	11822.7	11757.9	11847.0
5°	8510.7	8607.9	8964.2	9547.2	9757.7	10332.7	10875.2	11417.8	11766.0	11936.0
7.5°	6316.2	6640.1	7077.4	7611.8	8154.4	8907.5	9830.6	10462.2	10802.3	11166.7
10°	4704.8	5053.0	5555.0	6081.4	6964.0	7806.2	8729.3	9514.8	9806.3	10146.4
12.5°	3700.7	4243.2	4826.2	5393.1	5919.4	6721.1	7862.9	9004.7	9320.5	9579.6
15°	2575.1	3239.1	4073.1	4810.0	5546.9	6243.3	7425.6	8810.3	9239.5	9676.8
17.5°	1425.2	1951.5	2907.1	3943.6	5028.7	6097.6	7571.4	9166.6	9814.4	10122.1
20°	826.0	1036.5	1716.7	2947.6	4380.9	5781.8	7644.2	9838.7	10697.1	10850.9
22.5°	680.2	753.1	971.7	1846.3	3587.3	5579.3	8016.7	10778.1	11652.6	12017.0
25°	583.0	639.7	753.1	1109.4	2712.7	5150.1	8251.6	11952.2	12762.0	13158.8
27.5°	518.3	574.9	664.0	817.9	1846.3	4559.0	8640.3	13013.0	13822.8	14365.3
30°	453.5	502.1	591.1	696.4	1279.4	3895.0	8972.3	13790.4	14932.2	15102.2
32.5°	404.9	445.4	510.2	599.2	947.4	2955.7	9239.5	14592.1	15555.7	15928.2
35°	348.2	396.8	437.3	510.2	720.7	2226.9	9077.5	15215.6	16470.7	16916.1
37.5°	307.7	340.1	380.6	429.2	607.3	1741.0	8745.5	15960.6	17256.2	17669.2
40°	259.1	283.4	332.0	380.6	550.6	1344.2	8364.9	16859.4	18357.5	19086.3
42.5°	218.6	242.9	275.3	356.3	453.5	996.0	7595.7	17555.8	19248.3	19863.7
45°	170.1	202.4	251.0	356.3	364.4	736.9	6802.1	18074.1	19750.3	20058.0
47.5°	129.6	162.0	242.9	307.7	291.5	510.2	5862.7	18665.2	20268.6	20552.0
50°	97.2	129.6	275.3	267.2	242.9	388.7	5271.6	19078.2	20301.0	20454.8
52.5°	64.8	97.2	226.7	202.4	202.4	340.1	5109.7	19062.0	20381.9	20049.9
55°	48.6	72.9	129.6	145.8	178.1	299.6	4963.9	19669.3	20406.2	20641.1
57.5°	32.4	56.7	89.1	113.4	153.9	259.1	4664.3	20398.1	21159.3	21280.8
60°	16.2	40.5	64.8	89.1	129.6	226.7	4243.2	20932.6	22074.4	22203.9
62.5°	8.1	24.3	48.6	72.9	105.3	178.1	3805.9	20082.3	21677.6	21904.3
65°	0.0	16.2	32.4	48.6	64.8	129.6	3093.3	18130.8	20106.6	20940.7
67.5°	0.0	0.0	16.2	32.4	40.5	97.2	2332.1	16495.0	18657.1	19790.8
70°	0.0	0.0	8.1	8.1	24.3	72.9	1490.0	13660.8	16657.0	17280.5
72.5°	0.0	0.0	0.0	0.0	8.1	48.6	866.5	10146.4	13053.5	14211.5
75°	0.0	0.0	0.0	0.0	0.0	40.5	437.3	6526.8	9085.6	10640.4
77.5°	0.0	0.0	0.0	0.0	0.0	32.4	234.8	4210.8	6696.8	8000.5
80°	0.0	0.0	0.0	0.0	0.0	8.1	137.7	2445.5	4283.7	5190.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	56.7	1198.5	2558.9	2996.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	16.2	639.7	1279.4	1684.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.3	89.1	170.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)