

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: P599090

Luminaire Tested: **IFLD-S-SA6A-830-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P599090  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6A-830-U-SLL  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens  
 Light Source: (96) 3000K CCT, 80 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

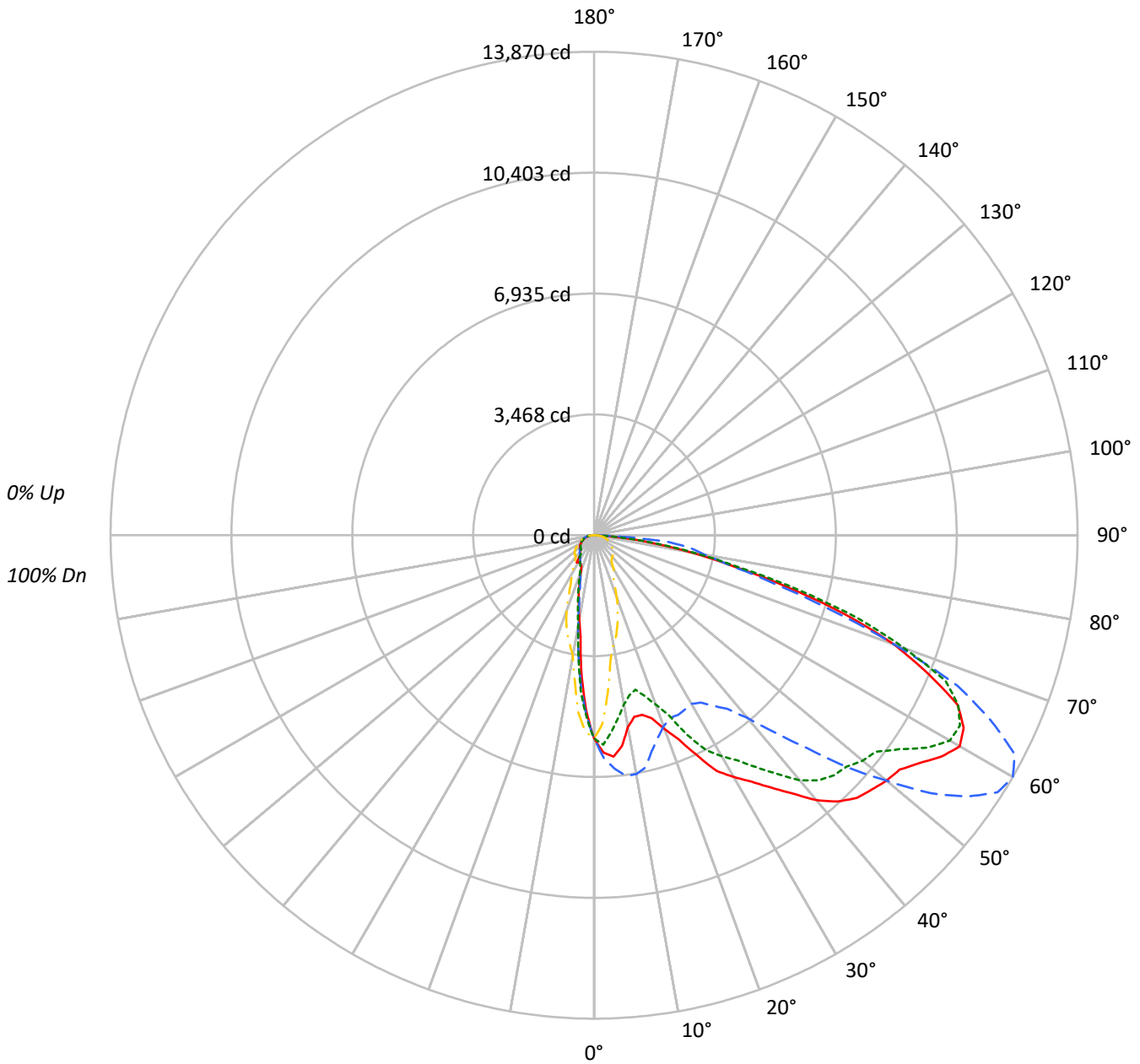
Lumens per Lamp: N/A  
 Luminaire Lumens: 18242.2 lumens  
 Efficiency: N/A  
 Efficacy: 96.2 lumens/watt  
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

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	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77				
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60				
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47				
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38				
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31				
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26				
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22				
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19				
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17				
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15				

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	41811	41811	41811	41811
5°	45934	40804	29262	31944
10°	40686	35910	17749	19046
15°	39618	34087	12565	13045
20°	45174	39426	8219	9084
25°	55039	49977	7176	7432
30°	66316	60616	7443	6906
35°	77341	71174	6167	5813
40°	92937	85963	5761	5458
45°	108157	98794	5831	5420
50°	122231	112293	5963	5601
55°	142549	133841	6175	5873
60°	173862	169100	6156	6156
65°	195391	195664	6320	6595
70°	192027	198819	6622	6792
75°	158403	168947	6956	7403
80°	114370	120052	7691	8025
85°	63299	67959	8662	10662

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	452.6	2.5
10°-20°	955.7	5.2
20°-30°	1398.2	7.7
30°-40°	1970.1	10.8
40°-50°	2707.4	14.8
50°-60°	3689.9	20.2
60°-70°	4038.5	22.1
70°-80°	2331.6	12.8
80°-90°	698.2	3.8
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°	2806.6	15.4
0°-40°	4776.6	26.2
0°-60°	11174.0	61.3
0°-90°	18242.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	18242.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5826	5826	5826	5826	5826	
5°	6377	5665	4062	4435	6377	579
15°	5333	4588	1691	1756	5333	1558
25°	6951	6312	906	939	6951	3255
35°	8829	8125	704	664	8829	5598
45°	10658	9735	575	534	10658	8191
55°	11394	10698	494	469	11394	10281
65°	11507	11523	372	388	11507	11014
75°	5713	6094	251	267	5713	6137
85°	769	825	105	130	769	1067
90°	0	0	0	0	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5
2.5°	6239.2	6214.9	6239.2	6328.2	6352.5	6392.9	6392.9	6336.3	6231.1	6182.5	6101.6
5°	6376.7	6336.3	6538.6	6724.7	6870.4	6854.2	6716.6	6603.3	6392.9	6077.3	5777.9
7.5°	6101.6	6142.1	6287.7	6773.3	7113.1	7177.9	6959.4	6732.8	6279.6	5842.6	5438.0
10°	5583.7	5640.3	5955.9	6457.7	6991.8	7097.0	6959.4	6684.2	6142.1	5599.9	5130.5
12.5°	5332.8	5462.3	5648.4	6255.4	6635.7	6886.6	6821.8	6643.8	6036.9	5397.6	4944.4
15°	5332.8	5365.2	5640.3	6150.2	6368.6	6376.7	6401.0	6433.4	6069.2	5486.6	4879.7
17.5°	5502.8	5591.8	5826.5	6142.1	6182.5	6085.4	6085.4	6223.0	6134.0	5737.4	5114.3
20°	5915.5	5883.1	6190.6	6320.1	6101.6	5858.8	5834.6	6069.2	6206.8	6004.5	5543.2
22.5°	6328.2	6473.8	6724.7	6433.4	6028.8	5705.1	5672.7	5964.0	6425.3	6465.8	6036.9
25°	6951.3	7097.0	7226.4	6870.4	6020.7	5664.6	5688.9	5915.5	6692.3	7121.2	6862.3
27.5°	7623.0	7712.0	7898.1	7347.8	6214.9	5616.1	5640.3	5980.2	6943.2	7550.1	7509.7
30°	8003.3	8100.4	8059.9	7436.8	6344.4	5648.4	5583.7	6069.2	6805.6	7550.1	7930.5
32.5°	8375.5	8318.9	8294.6	7582.5	6506.2	5850.7	5688.9	6255.4	6886.6	7671.5	8472.6
35°	8828.7	8747.8	8683.0	7865.7	6773.3	6045.0	5972.1	6498.1	7064.6	7922.4	8909.6
37.5°	9330.4	9330.4	9014.8	8076.1	7088.9	6360.6	6279.6	6846.1	7347.8	8076.1	9508.5
40°	9921.2	9945.4	9387.1	8359.4	7444.9	6862.3	6838.0	7299.3	7623.0	8302.7	10083.0
42.5°	10358.2	10374.3	9710.8	8464.6	7857.6	7558.2	7663.4	8027.6	7938.6	8505.0	10123.5
45°	10657.6	10576.6	9937.4	8764.0	8310.8	8602.1	8634.5	8739.7	8351.3	8626.4	10285.3
47.5°	10803.2	10787.0	10034.5	9111.9	9265.7	9662.2	9848.3	9702.7	8731.6	8496.9	10285.3
50°	10948.9	10811.3	10123.5	9589.4	10196.3	10997.4	10957.0	10689.9	9257.6	8658.8	10131.6
52.5°	11046.0	10924.6	10301.5	10018.3	11086.5	11992.8	12154.6	11661.0	9872.6	8958.2	10204.4
55°	11394.0	11296.9	10835.6	10600.9	12114.2	13044.8	13069.1	12381.2	10520.0	9451.8	10681.8
57.5°	11814.8	11871.4	11572.0	11426.3	12899.1	13813.6	13724.6	12915.3	11070.3	10050.6	11232.1
60°	12114.2	12203.2	12130.4	12146.6	13287.6	14072.5	13870.2	13247.1	11474.9	10503.8	11903.8
62.5°	11952.3	12130.4	12429.8	12365.0	13303.8	13886.4	13603.2	12810.1	11523.4	11094.6	12413.6
65°	11507.3	11523.4	12106.1	12462.2	12575.4	12923.4	12551.2	11895.7	11021.7	11458.7	12340.8
67.5°	10366.2	10495.7	11021.7	11717.7	11240.2	11321.1	11288.8	10342.0	10261.0	11207.8	11782.4
70°	9152.4	9241.4	9816.0	10633.3	9492.3	9111.9	9184.8	8480.7	8812.5	10431.0	10657.6
72.5°	7566.3	7623.0	8278.4	8998.6	7614.9	6935.1	7105.0	6530.5	6999.8	9128.1	8990.6
75°	5713.2	5818.4	6328.2	7177.9	5608.0	5171.0	5340.9	5106.2	5543.2	7517.8	6975.6
77.5°	4062.3	3981.4	4612.6	5616.1	4216.1	3957.1	3973.3	4013.8	4483.1	6336.3	5009.1
80°	2767.6	2791.8	3358.3	4119.0	3309.8	3269.3	3228.8	3552.5	3762.9	5017.2	3641.5
82.5°	1642.7	1642.7	2265.8	2929.4	2613.8	2945.6	2759.5	3050.8	2945.6	3690.1	2387.2
85°	768.8	768.8	1165.3	2112.1	2023.1	2427.7	2063.5	2306.3	2176.8	2573.4	1076.3
87.5°	129.5	113.3	234.7	1035.8	833.5	946.8	372.2	1230.0	1367.6	1796.5	267.0
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5
2.5°	6012.6	5955.9	5842.6	5697.0	5575.6	5421.8	5373.3	5268.1	5122.4	5106.2	5041.5
5°	5664.6	5470.4	5227.6	4928.2	4725.9	4515.5	4337.5	4232.3	4110.9	4094.7	4062.3
7.5°	5284.3	5041.5	4636.9	4280.8	3932.9	3601.1	3439.2	3236.9	3099.4	2994.2	2945.6
10°	4928.2	4701.6	4199.9	3714.4	3406.9	3188.4	2994.2	2783.8	2613.8	2484.3	2435.8
12.5°	4693.5	4426.5	3884.3	3423.0	3196.5	2945.6	2727.1	2500.5	2282.0	2112.1	2023.1
15°	4588.3	4337.5	3787.2	3277.4	2945.6	2597.6	2346.8	2120.2	1853.1	1731.8	1691.3
17.5°	4839.2	4467.0	3754.8	3107.4	2638.1	2241.6	1934.1	1691.3	1497.1	1375.7	1327.1
20°	5162.9	4701.6	3811.5	2905.1	2346.8	1901.7	1561.8	1302.9	1173.4	1084.4	1076.3
22.5°	5575.6	5049.6	3900.5	2759.5	2023.1	1529.4	1221.9	1068.2	979.2	971.1	954.9
25°	6312.0	5680.8	4046.2	2565.3	1764.1	1262.4	1043.9	954.9	914.4	890.2	906.3
27.5°	6943.2	6093.5	4151.4	2443.9	1658.9	1189.6	1011.5	914.4	874.0	865.9	874.0
30°	7315.4	6473.8	4119.0	2217.3	1448.5	1132.9	1076.3	1043.9	963.0	898.2	898.2
32.5°	7655.3	6716.6	4110.9	2015.0	1238.1	946.8	898.2	874.0	922.5	954.9	930.6
35°	8124.7	7097.0	4086.6	1901.7	1149.1	874.0	793.0	728.3	695.9	679.8	704.0
37.5°	8626.4	7355.9	4021.9	1885.5	1100.6	833.5	768.8	704.0	671.7	655.5	647.4
40°	9176.7	7631.0	3949.0	1804.6	1076.3	809.2	744.5	687.8	647.4	623.1	615.0
42.5°	9532.7	7849.5	3876.2	1764.1	1027.7	793.0	720.2	671.7	631.2	598.8	598.8
45°	9735.0	8108.5	3803.4	1723.7	971.1	801.1	720.2	655.5	606.9	590.7	574.6
47.5°	9824.1	8302.7	3779.1	1658.9	922.5	768.8	704.0	639.3	590.7	558.4	550.3
50°	10058.7	8715.4	3868.1	1610.4	865.9	736.4	744.5	631.2	582.6	542.2	534.1
52.5°	10196.3	9047.2	4062.3	1537.5	825.4	695.9	728.3	615.0	558.4	517.9	517.9
55°	10698.0	9597.5	4272.7	1480.9	776.9	639.3	671.7	582.6	517.9	493.6	493.6
57.5°	11337.3	10180.1	4450.8	1456.6	744.5	598.8	598.8	566.5	493.6	461.3	453.2
60°	11782.4	10657.6	4556.0	1440.4	712.1	558.4	534.1	566.5	469.4	437.0	428.9
62.5°	11831.0	10382.4	4450.8	1432.3	704.0	517.9	485.5	542.2	445.1	412.7	396.5
65°	11523.4	9824.1	4159.4	1400.0	695.9	477.4	453.2	469.4	412.7	388.4	372.2
67.5°	10908.4	8917.7	3738.6	1383.8	687.8	445.1	412.7	404.6	380.3	356.1	339.9
70°	9476.1	7736.2	3245.0	1311.0	671.7	420.8	372.2	364.2	339.9	323.7	315.6
72.5°	7954.7	6328.2	2678.6	1213.8	639.3	380.3	339.9	323.7	315.6	291.3	283.2
75°	6093.5	4871.6	2144.5	1076.3	558.4	339.9	299.4	283.2	275.1	259.0	250.9
77.5°	4280.8	3625.4	1586.1	874.0	469.4	307.5	267.0	250.9	242.8	218.5	218.5
80°	2905.1	2541.0	1076.3	606.9	364.2	250.9	234.7	218.5	202.3	186.1	186.1
82.5°	1804.6	1780.3	776.9	396.5	267.0	202.3	186.1	186.1	161.8	145.7	145.7
85°	825.4	1092.5	542.2	275.1	202.3	153.8	153.8	145.7	129.5	105.2	105.2
87.5°	259.0	364.2	283.2	121.4	113.3	89.0	89.0	80.9	80.9	64.7	64.7
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5
2.5°	5106.2	5098.2	5098.2	5065.8	5146.7	5146.7	5195.3	5154.8	5179.1	5187.2	5251.9
5°	4054.2	4119.0	4167.5	4264.6	4321.3	4345.6	4345.6	4410.3	4386.0	4434.6	4531.7
7.5°	2969.9	3050.8	3196.5	3317.8	3415.0	3447.3	3439.2	3455.4	3479.7	3423.0	3439.2
10°	2403.4	2346.8	2395.3	2508.6	2597.6	2702.8	2621.9	2613.8	2638.1	2613.8	2662.4
12.5°	2006.9	1942.2	1901.7	1901.7	1966.4	2015.0	1990.7	2031.2	2120.2	2144.5	2201.1
15°	1626.6	1569.9	1537.5	1497.1	1561.8	1578.0	1602.3	1658.9	1723.7	1756.0	1820.8
17.5°	1302.9	1302.9	1302.9	1270.5	1294.8	1319.0	1327.1	1400.0	1408.1	1440.4	1464.7
20°	1068.2	1092.5	1132.9	1149.1	1173.4	1173.4	1157.2	1197.7	1165.3	1189.6	1205.8
22.5°	963.0	995.4	1011.5	1019.6	1052.0	1060.1	1019.6	1027.7	1035.8	1011.5	1019.6
25°	906.3	922.5	906.3	914.4	922.5	906.3	914.4	930.6	922.5	938.7	930.6
27.5°	882.1	865.9	857.8	849.7	849.7	833.5	841.6	841.6	857.8	865.9	865.9
30°	882.1	857.8	825.4	801.1	801.1	776.9	793.0	809.2	817.3	833.5	833.5
32.5°	906.3	857.8	801.1	776.9	752.6	736.4	752.6	776.9	809.2	817.3	825.4
35°	720.2	744.5	736.4	704.0	695.9	695.9	687.8	687.8	663.6	663.6	655.5
37.5°	647.4	639.3	655.5	663.6	671.7	647.4	647.4	615.0	606.9	615.0	615.0
40°	606.9	606.9	606.9	631.2	639.3	623.1	598.8	582.6	582.6	582.6	590.7
42.5°	590.7	574.6	566.5	582.6	606.9	590.7	566.5	558.4	558.4	566.5	566.5
45°	566.5	558.4	550.3	542.2	574.6	550.3	542.2	534.1	534.1	534.1	542.2
47.5°	542.2	534.1	517.9	517.9	526.0	517.9	509.8	509.8	509.8	526.0	526.0
50°	526.0	517.9	501.7	501.7	501.7	501.7	493.6	493.6	493.6	501.7	509.8
52.5°	501.7	493.6	485.5	477.4	477.4	477.4	477.4	477.4	477.4	485.5	493.6
55°	477.4	469.4	461.3	461.3	469.4	469.4	461.3	469.4	461.3	469.4	477.4
57.5°	453.2	445.1	437.0	445.1	453.2	445.1	445.1	445.1	445.1	445.1	453.2
60°	420.8	420.8	420.8	420.8	437.0	437.0	437.0	437.0	420.8	428.9	437.0
62.5°	404.6	396.5	396.5	404.6	412.7	412.7	420.8	412.7	404.6	412.7	412.7
65°	372.2	372.2	372.2	380.3	380.3	388.4	388.4	388.4	380.3	388.4	388.4
67.5°	348.0	348.0	348.0	348.0	364.2	364.2	364.2	364.2	356.1	356.1	364.2
70°	307.5	315.6	307.5	323.7	339.9	331.8	339.9	339.9	331.8	323.7	339.9
72.5°	283.2	283.2	283.2	283.2	307.5	307.5	307.5	315.6	307.5	299.4	307.5
75°	250.9	250.9	250.9	259.0	275.1	275.1	275.1	275.1	275.1	267.0	267.0
77.5°	218.5	226.6	218.5	226.6	242.8	234.7	242.8	250.9	242.8	234.7	234.7
80°	186.1	186.1	186.1	194.2	202.3	202.3	202.3	210.4	202.3	194.2	194.2
82.5°	145.7	145.7	153.8	153.8	161.8	161.8	161.8	169.9	161.8	153.8	153.8
85°	113.3	113.3	113.3	121.4	121.4	129.5	129.5	137.6	137.6	129.5	129.5
87.5°	72.8	64.7	72.8	72.8	80.9	80.9	72.8	64.7	72.8	64.7	56.6
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: P599090  
 CATALOG NUMBER: IFLD-S-SA6A-830-U-SLL

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5	5826.5
2.5°	5316.6	5462.3	5567.5	5640.3	5745.5	5947.8	6028.8	6174.4	6214.9	6239.2
5°	4572.2	4725.9	4952.5	5114.3	5300.5	5680.8	5972.1	6190.6	6287.7	6376.7
7.5°	3584.9	3787.2	4021.9	4232.3	4539.8	5009.1	5389.5	5842.6	6012.6	6101.6
10°	2799.9	2986.1	3245.0	3504.0	3932.9	4329.4	4871.6	5284.3	5519.0	5583.7
12.5°	2363.0	2581.4	2889.0	3204.6	3471.6	3924.8	4475.0	5073.9	5292.4	5332.8
15°	2006.9	2306.3	2621.9	2945.6	3253.1	3649.6	4240.4	4968.7	5292.4	5332.8
17.5°	1658.9	1926.0	2298.2	2646.2	3002.2	3544.4	4280.8	5057.7	5381.4	5502.8
20°	1319.0	1578.0	1869.3	2306.3	2791.8	3366.4	4369.8	5357.1	5786.0	5915.5
22.5°	1092.5	1205.8	1489.0	1909.8	2484.3	3245.0	4458.9	5826.5	6279.6	6328.2
25°	954.9	1035.8	1213.8	1610.4	2241.6	3164.1	4669.3	6368.6	6951.3	6951.3
27.5°	890.2	922.5	1043.9	1400.0	2071.6	3091.3	4879.7	6967.5	7509.7	7623.0
30°	874.0	954.9	1019.6	1246.2	1885.5	2889.0	5073.9	7436.8	7995.2	8003.3
32.5°	857.8	841.6	890.2	1084.4	1658.9	2678.6	5235.7	7914.3	8351.3	8375.5
35°	671.7	704.0	785.0	954.9	1489.0	2524.8	5316.6	8173.2	8804.4	8828.7
37.5°	631.2	671.7	736.4	882.1	1375.7	2395.3	5340.9	8675.0	9281.9	9330.4
40°	615.0	647.4	695.9	817.3	1286.7	2233.5	5389.5	9192.9	9985.9	9921.2
42.5°	582.6	623.1	671.7	785.0	1213.8	2112.1	5397.6	9476.1	10358.2	10358.2
45°	574.6	598.8	655.5	785.0	1132.9	2006.9	5268.1	9759.3	10787.0	10657.6
47.5°	542.2	590.7	639.3	760.7	1035.8	1901.7	5114.3	9905.0	10843.7	10803.2
50°	534.1	582.6	663.6	720.2	979.2	1853.1	5082.0	10269.1	10957.0	10948.9
52.5°	517.9	566.5	687.8	687.8	906.3	1788.4	5235.7	10431.0	10981.3	11046.0
55°	493.6	566.5	639.3	631.2	841.6	1707.5	5405.7	10851.8	11410.2	11394.0
57.5°	477.4	550.3	606.9	574.6	768.8	1650.8	5656.5	11256.4	11928.1	11814.8
60°	453.2	550.3	542.2	534.1	712.1	1602.3	5866.9	11337.3	12041.4	12114.2
62.5°	437.0	574.6	477.4	493.6	663.6	1578.0	5777.9	10730.4	11887.6	11952.3
65°	420.8	493.6	437.0	453.2	647.4	1529.4	5429.9	10002.1	11224.0	11507.3
67.5°	388.4	404.6	404.6	420.8	631.2	1416.2	4717.8	8691.1	10212.5	10366.2
70°	356.1	364.2	364.2	388.4	615.0	1286.7	3892.4	7517.8	8861.1	9152.4
72.5°	323.7	323.7	323.7	356.1	566.5	1181.5	3204.6	5777.9	7364.0	7566.3
75°	283.2	283.2	283.2	315.6	509.8	1076.3	2524.8	4297.0	5421.8	5713.2
77.5°	250.9	250.9	242.8	283.2	445.1	874.0	1820.8	3034.6	3819.6	4062.3
80°	210.4	202.3	202.3	226.6	348.0	631.2	1173.4	2144.5	2662.4	2767.6
82.5°	169.9	161.8	153.8	169.9	250.9	396.5	728.3	1497.1	1707.5	1642.7
85°	161.8	169.9	137.6	129.5	178.0	259.0	461.3	922.5	768.8	768.8
87.5°	64.7	56.6	56.6	48.6	89.0	97.1	202.3	169.9	129.5	129.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)