

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: P599194

Luminaire Tested: **IFLD-L-SA8C-730-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P599194  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA8C-730-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (128) 3000K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

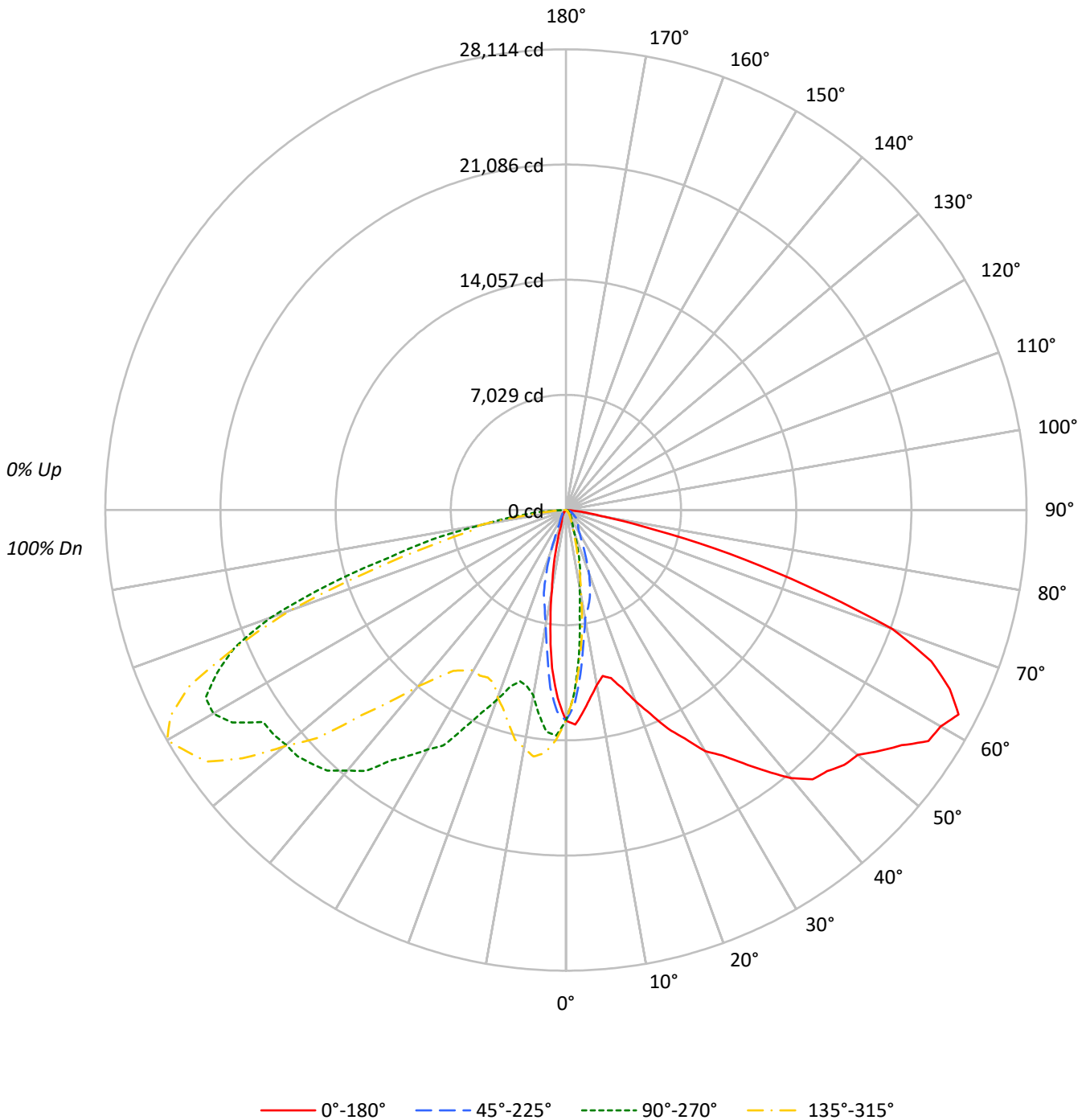
Lumens per Lamp: N/A  
 Luminaire Lumens: 33605.2 lumens  
 Efficiency: N/A  
 Efficacy: 80.0 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 420.3  
 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



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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	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79	79	79	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62	62	62	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49	49	49	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40	40	40	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33	33	33	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27	27	27	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24	24	24	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20	20	20	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16	16	16	16

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

	0°	90°	180°	270°
0°	69143	69143	69143	69143
5°	66568	48653	52374	73372
10°	59267	26490	26836	62733
15°	59164	17668	10803	60275
20°	71038	8821	4307	70623
25°	87374	5542	3336	86944
30°	105571	4448	2534	104895
35°	123874	3572	1964	122624
40°	149967	3055	1273	145829
45°	171569	2758	690	166811
50°	194653	2655	152	186688
55°	234804	2550	0	211680
60°	284277	2145	0	267406
65°	329175	1731	0	299176
70°	333323	1426	0	301674
75°	215716	942	0	231353
80°	73569	282	0	163707
85°	36927	0	0	120285

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	973.2	2.9
10°-20°	1884.4	5.6
20°-30°	2624.6	7.8
30°-40°	3729.2	11.1
40°-50°	5171.4	15.4
50°-60°	7046.3	21.0
60°-70°	7746.8	23.1
70°-80°	3807.5	11.3
80°-90°	621.8	1.9
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°	5482.2	16.3
0°-40°	9211.4	27.4
0°-60°	21429.1	63.8
0°-90°	33605.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	33605.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	12847	12847	12847	12847	12847	
5°	12322	9006	9694	13581	12322	1128
15°	10618	3171	1939	10818	10618	3143
25°	14714	933	562	14641	14714	6841
35°	18854	544	299	18664	18854	11968
45°	22542	362	91	21916	22542	17474
55°	25024	272	0	22560	25024	22511
65°	25848	136	0	23493	25848	24980
75°	10374	45	0	11126	10374	11310
85°	598	0	0	1948	598	827
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°	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2
2.5°	13110.0	13264.0	13119.0	12611.7	12521.1	12276.4	11905.0	11877.8	11488.2	11533.5	11325.1
5°	12321.7	12475.8	12167.7	11497.3	10872.1	10373.8	10074.8	9540.3	9422.5	9159.8	9159.8
7.5°	11515.4	11506.3	10980.8	10419.1	9485.9	8570.9	8154.1	7384.0	6931.0	6686.4	6450.8
10°	10844.9	10700.0	10373.8	9214.1	8199.4	7248.1	6731.7	6224.3	5753.2	5345.5	4937.8
12.5°	10373.8	10464.4	9948.0	8688.6	7374.9	6713.5	6160.9	5626.3	5064.6	4602.5	4149.5
15°	10618.4	10473.5	9866.4	8570.9	7239.0	6333.0	5599.1	4946.8	4321.7	3714.6	3370.4
17.5°	11379.5	11008.0	10292.3	8570.9	6958.2	5753.2	4865.3	4095.2	3424.7	2881.1	2455.3
20°	12403.3	11977.4	11207.3	8888.0	6749.8	5327.3	4113.3	3143.9	2446.2	1938.9	1612.7
22.5°	13454.2	13119.0	11959.3	9014.8	6505.2	4756.6	3243.5	2274.1	1630.8	1304.7	1141.6
25°	14713.6	14242.5	12974.1	9522.2	6142.7	4203.9	2554.9	1585.5	1214.1	1041.9	942.3
27.5°	15719.3	15637.7	13925.4	9830.2	5870.9	3750.9	2020.4	1259.4	1005.7	878.8	815.4
30°	16987.7	16543.7	15085.1	10446.3	5562.9	3234.5	1685.2	1132.5	924.1	788.2	742.9
32.5°	17748.7	17540.3	15692.1	10790.6	5218.6	2808.6	1449.6	996.6	842.6	742.9	697.6
35°	18854.1	18437.3	16561.9	11008.0	5037.4	2564.0	1304.7	906.0	706.7	607.0	552.7
37.5°	20086.2	19932.2	17603.8	10999.0	4774.7	2419.0	1205.0	842.6	670.4	561.7	498.3
40°	21345.6	20720.4	18238.0	11252.6	4638.8	2310.3	1132.5	806.3	634.2	534.5	453.0
42.5°	22287.8	21572.1	18971.8	11162.0	4475.7	2120.1	1105.3	752.0	607.0	489.2	416.8
45°	22541.5	22287.8	19633.2	11134.9	4357.9	1966.0	1060.0	742.9	588.9	462.1	389.6
47.5°	23030.8	22858.6	20448.6	11180.2	4267.3	1848.3	951.3	761.0	561.7	434.9	371.5
50°	23248.2	22940.2	21110.0	11288.9	4058.9	1703.3	851.6	797.3	552.7	425.8	353.3
52.5°	24145.2	23873.4	22016.0	11596.9	3886.8	1513.0	752.0	761.0	570.8	398.6	335.2
55°	25024.0	24715.9	23411.3	12303.6	3642.2	1359.0	643.3	670.4	543.6	362.4	299.0
57.5°	26229.0	25721.6	24344.5	12593.5	3424.7	1150.6	570.8	552.7	507.4	326.2	262.7
60°	26410.2	26618.6	24208.6	12412.3	3198.2	1014.7	498.3	425.8	543.6	289.9	226.5
62.5°	27017.2	26147.4	23574.4	11995.6	3035.1	933.2	443.9	353.3	471.1	253.7	190.3
65°	25848.5	25205.2	22088.5	10654.7	2826.8	942.3	389.6	289.9	299.0	208.4	154.0
67.5°	24136.1	23628.7	19624.2	9196.0	2618.4	924.1	344.3	253.7	226.5	181.2	135.9
70°	21182.5	20086.2	16670.6	7465.5	2310.3	860.7	289.9	226.5	190.3	145.0	99.7
72.5°	15411.2	14967.3	11959.3	5771.3	2074.8	779.2	271.8	190.3	163.1	108.7	81.5
75°	10373.8	9639.9	7547.1	3787.1	1667.1	679.5	226.5	172.1	126.8	81.5	63.4
77.5°	5481.4	5182.4	4276.4	1803.0	924.1	317.1	126.8	99.7	72.5	63.4	36.2
80°	2373.7	2111.0	1848.3	733.9	326.2	145.0	81.5	54.4	45.3	36.2	18.1
82.5°	1214.1	1159.7	960.4	317.1	190.3	108.7	45.3	36.2	27.2	18.1	9.1
85°	598.0	616.1	507.4	99.7	108.7	63.4	9.1	9.1	0.0	0.0	0.0
87.5°	45.3	45.3	36.2	18.1	27.2	9.1	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

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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2
2.5°	11243.6	11370.4	11153.0	11288.9	11225.5	11252.6	11279.8	11207.3	11225.5	11479.1	11488.2
5°	9005.7	9250.4	9159.8	9286.6	9504.0	9395.3	9495.0	9476.9	9495.0	9531.2	9694.3
7.5°	6423.6	6351.1	6523.3	6858.5	7248.1	7483.6	7365.9	7302.4	7266.2	7175.6	7284.3
10°	4847.2	4810.9	4765.6	4865.3	5119.0	5381.7	5526.7	5282.0	5146.1	4974.0	4910.6
12.5°	4022.7	3796.2	3669.3	3515.3	3587.8	3823.4	3832.4	3596.9	3379.4	3288.8	3388.5
15°	3171.0	3017.0	2790.5	2573.1	2464.3	2645.5	2491.5	2265.0	1984.2	1947.9	1938.9
17.5°	2265.0	2174.4	2011.3	1920.7	1793.9	1748.6	1585.5	1241.2	1041.9	987.6	1005.7
20°	1540.2	1467.7	1458.7	1377.1	1322.8	1286.5	1023.8	797.3	733.9	742.9	752.0
22.5°	1141.6	1105.3	1060.0	1051.0	1005.7	960.4	752.0	670.4	625.1	625.1	652.3
25°	933.2	915.1	869.8	851.6	833.5	770.1	634.2	570.8	552.7	534.5	561.7
27.5°	797.3	788.2	761.0	733.9	715.7	652.3	552.7	498.3	480.2	480.2	480.2
30°	715.7	715.7	679.5	625.1	625.1	552.7	471.1	434.9	416.8	416.8	407.7
32.5°	670.4	652.3	607.0	570.8	543.6	471.1	416.8	380.5	353.3	353.3	362.4
35°	543.6	543.6	534.5	507.4	471.1	398.6	353.3	317.1	299.0	289.9	299.0
37.5°	480.2	453.0	416.8	425.8	407.7	344.3	299.0	271.8	244.6	244.6	244.6
40°	434.9	407.7	371.5	344.3	335.2	308.0	262.7	217.4	190.3	181.2	181.2
42.5°	389.6	371.5	317.1	271.8	262.7	262.7	199.3	163.1	135.9	135.9	135.9
45°	362.4	335.2	289.9	235.6	190.3	199.3	163.1	117.8	99.7	90.6	90.6
47.5°	344.3	317.1	253.7	199.3	145.0	145.0	117.8	81.5	63.4	54.4	54.4
50°	317.1	289.9	226.5	163.1	108.7	90.6	72.5	45.3	27.2	18.1	18.1
52.5°	299.0	271.8	199.3	135.9	90.6	63.4	45.3	9.1	0.0	0.0	0.0
55°	271.8	235.6	172.1	108.7	72.5	36.2	9.1	0.0	0.0	0.0	0.0
57.5°	235.6	208.4	135.9	81.5	45.3	9.1	0.0	0.0	0.0	0.0	0.0
60°	199.3	172.1	108.7	63.4	18.1	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	163.1	145.0	81.5	36.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	135.9	108.7	63.4	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	117.8	90.6	45.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	90.6	63.4	27.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	63.4	45.3	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	45.3	27.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	27.2	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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

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**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2
2.5°	11524.4	11796.2	12049.9	12122.4	12321.7	12874.4	12874.4	13137.1	13608.3	13780.4	13816.6
5°	9721.5	10011.4	10065.8	10627.5	10890.2	11452.0	11823.4	12711.3	13245.9	13581.1	13789.5
7.5°	7393.0	7492.7	7701.1	8226.6	8743.0	9422.5	10129.2	11261.7	12204.0	12584.5	13291.2
10°	5082.7	5381.7	5834.7	6305.8	7112.2	7864.2	8779.2	9848.3	11008.0	11479.1	12086.2
12.5°	3424.7	3841.5	4566.3	5236.7	5979.7	6740.7	7610.5	9042.0	10355.7	11008.0	11615.0
15°	2002.3	2509.6	3134.8	4222.0	5209.6	6061.2	6931.0	8380.6	9975.2	10817.8	11560.7
17.5°	1014.7	1168.8	1685.2	2627.4	3932.1	5327.3	6622.9	8471.2	10265.1	11297.9	11914.0
20°	761.0	806.3	951.3	1395.3	2690.8	4403.2	6333.0	8607.1	11071.4	12330.8	12666.0
22.5°	661.4	697.6	761.0	906.0	1513.0	3370.4	5925.3	8942.3	12167.7	13354.6	14061.3
25°	561.7	598.0	652.3	742.9	969.4	2292.2	5427.0	9295.7	13146.2	14641.1	15302.5
27.5°	489.2	516.4	570.8	643.3	788.2	1458.7	4566.3	9766.8	14641.1	16199.5	16371.6
30°	416.8	443.9	489.2	570.8	670.4	1032.9	3352.2	9830.2	15465.6	16879.0	17359.1
32.5°	362.4	371.5	425.8	498.3	561.7	815.4	2355.6	9893.6	16072.6	17757.8	17857.5
35°	299.0	317.1	371.5	416.8	489.2	643.3	1784.8	9576.5	16860.8	18663.8	18636.6
37.5°	244.6	271.8	308.0	344.3	398.6	543.6	1422.4	8987.6	17848.4	20068.1	19216.5
40°	190.3	217.4	253.7	299.0	335.2	489.2	1069.1	8099.7	18881.2	20756.7	19850.7
42.5°	135.9	154.0	190.3	235.6	299.0	407.7	770.1	7048.8	19288.9	21563.0	20611.7
45°	99.7	117.8	145.0	199.3	308.0	326.2	534.5	6088.4	19723.8	21916.4	20439.6
47.5°	54.4	72.5	108.7	172.1	271.8	244.6	380.5	5227.7	20222.1	22233.5	20575.5
50°	18.1	27.2	63.4	181.2	217.4	190.3	299.0	4765.6	20711.4	22296.9	20847.3
52.5°	0.0	0.0	36.2	190.3	163.1	145.0	262.7	4584.4	20584.5	22496.2	20675.1
55°	0.0	0.0	9.1	81.5	90.6	108.7	217.4	4575.3	21481.5	22559.6	21617.4
57.5°	0.0	0.0	0.0	27.2	54.4	90.6	190.3	4285.4	22052.3	24136.1	22885.8
60°	0.0	0.0	0.0	9.1	36.2	63.4	145.0	4031.7	22632.1	24842.8	24244.8
62.5°	0.0	0.0	0.0	0.0	9.1	27.2	99.7	3642.2	21463.4	24788.4	25558.5
65°	0.0	0.0	0.0	0.0	0.0	0.0	63.4	2881.1	19307.1	23492.8	24833.7
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	36.2	1993.2	16906.1	21862.0	23501.9
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1205.0	13644.5	19171.2	19932.2
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	516.4	9739.6	15221.0	16353.5
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	208.4	6025.0	11125.8	12521.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.5	3904.9	8425.9	9504.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.1	2083.8	5282.0	6142.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	906.0	3207.3	3696.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	289.9	1947.9	2219.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	299.0	398.6
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: P599194  
 CATALOG NUMBER: IFLD-L-SA8C-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2	12847.2
2.5°	13834.8	14097.5	14197.2	14043.2	14061.3	13744.2	13698.9	13254.9	13073.7	13110.0
5°	14469.0	14849.5	15057.9	14885.7	14496.2	13889.1	13336.5	12811.0	12484.8	12321.7
7.5°	14324.0	14749.8	15012.6	15175.7	14731.7	13753.2	12910.6	11923.1	11506.3	11515.4
10°	13526.7	14414.6	14949.2	14740.8	14532.4	13553.9	12249.3	11180.2	10808.7	10844.9
12.5°	12883.5	13871.0	14188.1	14351.2	13925.4	13146.2	12267.4	11044.3	10627.5	10373.8
15°	12484.8	13218.7	13236.8	13490.5	13318.3	13318.3	12457.6	11261.7	10899.3	10618.4
17.5°	12484.8	12647.9	12629.8	12720.4	13010.3	13354.6	12937.8	12140.5	11424.8	11379.5
20°	12765.7	12258.3	12140.5	12176.8	12421.4	13445.2	13997.9	13001.2	12548.2	12403.3
22.5°	13418.0	12303.6	11587.9	11461.0	12213.0	13436.1	14677.4	14360.3	13572.0	13454.2
25°	14315.0	12222.1	11442.9	11279.8	11850.6	13762.3	15610.5	15674.0	14958.2	14713.6
27.5°	15166.6	12584.5	11424.8	11388.5	12140.5	13689.8	16253.8	16724.9	15918.6	15719.3
30°	15456.5	12946.9	11760.0	11279.8	12249.3	13952.6	16235.7	17467.9	16942.4	16987.7
32.5°	15800.8	13309.3	11796.2	11606.0	12711.3	14378.4	16752.1	18663.8	18283.3	17748.7
35°	16308.2	13798.5	12140.5	11968.4	13037.5	14758.9	16860.8	19542.6	19479.2	18854.1
37.5°	16743.1	14278.7	12856.3	12883.5	14034.1	15375.0	17341.0	20620.8	20512.1	20086.2
40°	17051.1	14949.2	13970.7	14043.2	14903.9	16063.6	18192.7	21164.4	21970.7	21345.6
42.5°	17096.4	15547.1	15248.1	15828.0	16634.3	17132.6	18537.0	21535.9	22695.5	22287.8
45°	17268.5	16498.4	17332.0	17757.8	18419.2	18074.9	18518.8	22170.1	22749.9	22541.5
47.5°	17939.0	18228.9	19279.9	20575.5	20811.0	19678.5	18953.7	22269.7	23057.9	23030.8
50°	18636.6	20086.2	21563.0	22423.7	22722.7	20783.9	19361.4	22188.2	23465.7	23248.2
52.5°	19415.8	21698.9	23828.1	24888.1	24725.0	22007.0	19823.5	22849.6	24217.6	24145.2
55°	19905.0	22423.7	25286.7	26763.5	26636.7	23375.1	21291.2	23800.9	25205.2	25024.0
57.5°	21200.6	23601.6	26736.3	27424.9	27760.1	25169.0	22315.0	25359.2	26029.7	26229.0
60°	22269.7	24371.7	27116.9	28113.5	28231.3	26238.0	24108.9	26962.9	27080.6	26410.2
62.5°	23837.1	24670.6	26310.5	27207.5	27814.5	26845.1	25721.6	27823.6	27062.5	27017.2
65°	24987.7	23692.2	24806.5	25304.9	25694.4	25920.9	27343.4	28412.5	26727.3	25848.5
67.5°	24344.5	21843.9	21635.5	21662.7	21780.5	23148.5	26799.8	26971.9	24860.9	24136.1
70°	21427.1	17920.9	17640.0	17857.5	17268.5	18917.5	24598.2	24516.6	21934.5	21182.5
72.5°	17332.0	13064.7	12584.5	12883.5	13019.4	14768.0	20693.3	18591.3	16000.1	15411.2
75°	13771.3	9576.5	8081.6	8806.4	9268.5	10754.3	16163.2	12629.8	11171.1	10373.8
77.5°	10817.8	7248.1	6287.7	5997.8	6423.6	7818.9	11760.0	6632.0	5852.8	5481.4
80°	6858.5	5327.3	5780.3	5363.6	5544.8	5581.0	6124.6	3017.0	2400.9	2373.7
82.5°	4131.4	3642.2	4330.7	2382.8	4339.8	3877.7	2545.9	1368.1	1214.1	1214.1
85°	2926.4	2256.0	1494.9	969.4	1929.8	2129.1	987.6	706.7	616.1	598.0
87.5°	1467.7	697.6	335.2	217.4	244.6	398.6	117.8	54.4	54.4	45.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)