

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: P599126

Luminaire Tested: **IFLD-M-SA4C-722-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: P599126
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4C-722-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (64) 2200K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

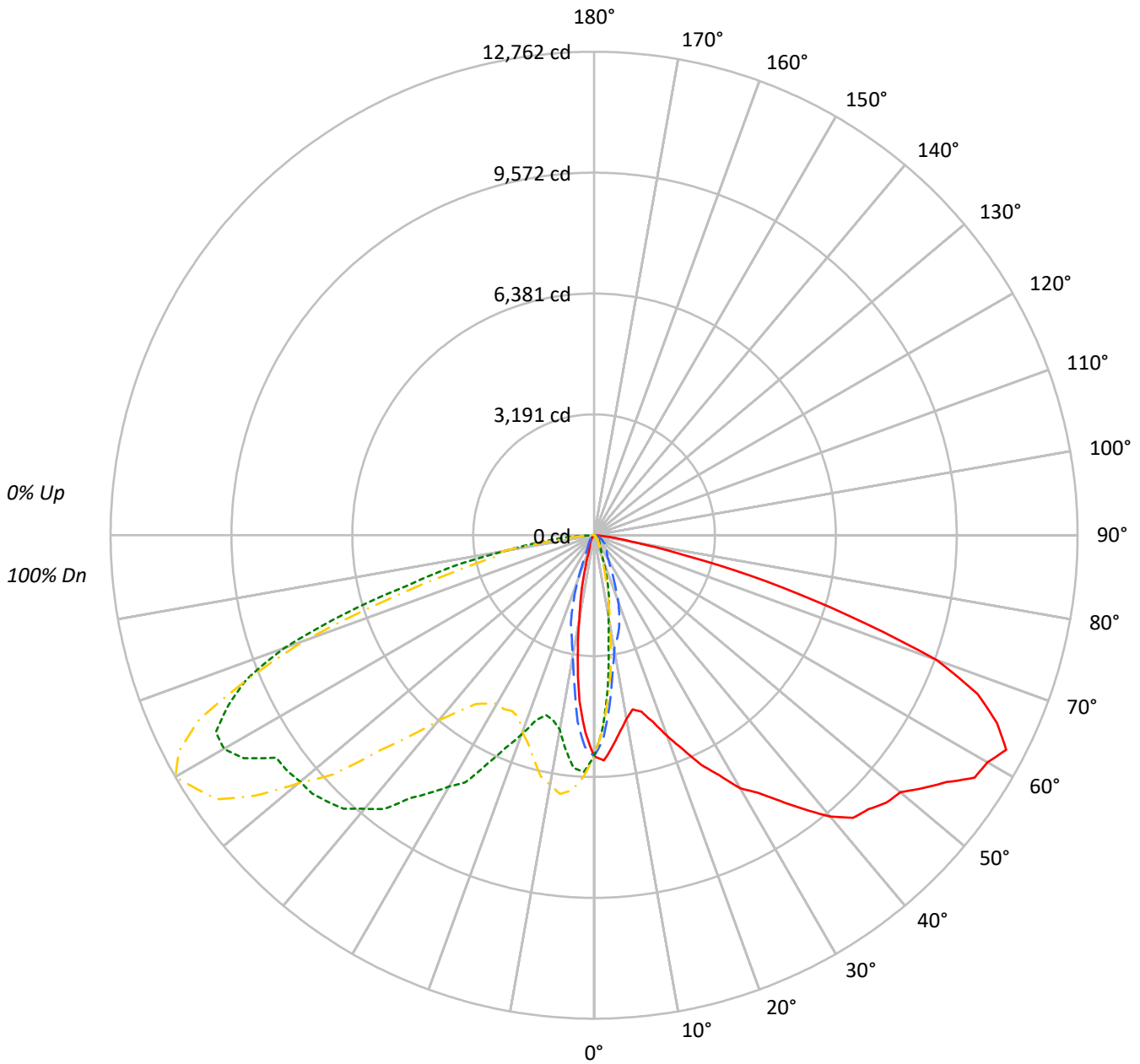
Lumens per Lamp: N/A
 Luminaire Lumens: 15255.0 lumens
 Efficiency: N/A
 Efficacy: 69.9 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 218.1
 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	62775	62775	62775	62775
5°	60437	44172	47550	66614
10°	53809	24050	24365	56955
15°	53715	16041	9808	54723
20°	64496	8009	3911	64119
25°	79327	5031	3029	78936
30°	95847	4038	2301	95234
35°	112465	3243	1783	111330
40°	136154	2774	1156	132398
45°	155767	2504	626	151447
50°	176726	2410	137	169495
55°	213178	2316	0	192184
60°	258095	1948	0	242778
65°	298858	1571	0	271623
70°	302624	1293	0	273888
75°	195849	857	0	210043
80°	66797	254	0	148632
85°	33518	0	0	109213

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	441.8	2.9
10°-20°	855.4	5.6
20°-30°	1191.4	7.8
30°-40°	1692.9	11.1
40°-50°	2347.5	15.4
50°-60°	3198.6	21.0
60°-70°	3516.7	23.1
70°-80°	1728.4	11.3
80°-90°	282.2	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°	2488.6	16.3
0°-40°	4181.5	27.4
0°-60°	9727.7	63.8
0°-90°	15255.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15255.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5832	5832	5832	5832	5832	
5°	5593	4088	4401	6165	5593	512
15°	4820	1440	880	4911	4820	1427
25°	6679	424	255	6646	6679	3105
35°	8559	247	136	8472	8559	5433
45°	10233	164	41	9949	10233	7932
55°	11360	123	0	10241	11360	10219
65°	11734	62	0	10665	11734	11339
75°	4709	21	0	5050	4709	5134
85°	271	0	0	884	271	375
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°	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0
2.5°	5951.3	6021.2	5955.4	5725.1	5683.9	5572.9	5404.3	5391.9	5215.1	5235.6	5141.0
5°	5593.4	5663.4	5523.5	5219.2	4935.4	4709.2	4573.5	4330.8	4277.3	4158.1	4158.1
7.5°	5227.4	5223.3	4984.7	4729.7	4306.1	3890.7	3701.5	3352.0	3146.3	3035.3	2928.3
10°	4923.1	4857.2	4709.2	4182.7	3722.1	3290.3	3055.8	2825.5	2611.6	2426.6	2241.5
12.5°	4709.2	4750.3	4515.9	3944.2	3347.8	3047.6	2796.7	2554.1	2299.1	2089.3	1883.7
15°	4820.2	4754.4	4478.9	3890.7	3286.1	2874.9	2541.7	2245.6	1961.8	1686.3	1530.0
17.5°	5165.7	4997.1	4672.2	3890.7	3158.6	2611.6	2208.6	1859.0	1554.6	1307.9	1114.6
20°	5630.5	5437.2	5087.6	4034.7	3064.1	2418.3	1867.2	1427.2	1110.5	880.1	732.1
22.5°	6107.5	5955.4	5428.9	4092.3	2953.0	2159.2	1472.4	1032.3	740.3	592.2	518.2
25°	6679.2	6465.4	5889.6	4322.6	2788.5	1908.4	1159.8	719.7	551.1	473.0	427.7
27.5°	7135.8	7098.7	6321.4	4462.4	2665.1	1702.7	917.2	571.7	456.5	398.9	370.2
30°	7711.5	7510.0	6847.9	4742.1	2525.3	1468.3	765.0	514.1	419.5	357.8	337.3
32.5°	8057.0	7962.4	7123.4	4898.4	2369.0	1275.0	658.1	452.4	382.5	337.3	316.7
35°	8558.8	8369.6	7518.2	4997.1	2286.7	1163.9	592.2	411.3	320.8	275.6	250.9
37.5°	9118.1	9048.2	7991.2	4993.0	2167.5	1098.1	547.0	382.5	304.3	255.0	226.2
40°	9689.8	9406.0	8279.1	5108.1	2105.8	1048.8	514.1	366.0	287.9	242.7	205.6
42.5°	10117.5	9792.6	8612.3	5067.0	2031.7	962.4	501.8	341.4	275.6	222.1	189.2
45°	10232.7	10117.5	8912.5	5054.7	1978.3	892.5	481.2	337.3	267.3	209.8	176.9
47.5°	10454.8	10376.7	9282.6	5075.2	1937.1	839.0	431.8	345.5	255.0	197.4	168.6
50°	10553.5	10413.7	9582.9	5124.6	1842.5	773.2	386.6	361.9	250.9	193.3	160.4
52.5°	10960.7	10837.3	9994.2	5264.4	1764.4	686.8	341.4	345.5	259.1	181.0	152.2
55°	11359.6	11219.8	10627.5	5585.2	1653.4	616.9	292.0	304.3	246.8	164.5	135.7
57.5°	11906.6	11676.3	11051.2	5716.8	1554.6	522.3	259.1	250.9	230.3	148.1	119.3
60°	11988.9	12083.5	10989.5	5634.6	1451.8	460.6	226.2	193.3	246.8	131.6	102.8
62.5°	12264.4	11869.6	10701.6	5445.4	1377.8	423.6	201.5	160.4	213.9	115.2	86.4
65°	11733.9	11441.9	10027.1	4836.7	1283.2	427.7	176.9	131.6	135.7	94.6	69.9
67.5°	10956.6	10726.2	8908.4	4174.5	1188.6	419.5	156.3	115.2	102.8	82.3	61.7
70°	9615.8	9118.1	7567.6	3389.0	1048.8	390.7	131.6	102.8	86.4	65.8	45.2
72.5°	6995.9	6794.4	5428.9	2619.9	941.8	353.7	123.4	86.4	74.0	49.4	37.0
75°	4709.2	4376.0	3426.0	1719.2	756.8	308.5	102.8	78.1	57.6	37.0	28.8
77.5°	2488.3	2352.5	1941.3	818.5	419.5	143.9	57.6	45.2	32.9	28.8	16.5
80°	1077.6	958.3	839.0	333.1	148.1	65.8	37.0	24.7	20.6	16.5	8.2
82.5°	551.1	526.4	436.0	143.9	86.4	49.4	20.6	16.5	12.3	8.2	4.1
85°	271.4	279.7	230.3	45.2	49.4	28.8	4.1	4.1	0.0	0.0	0.0
87.5°	20.6	20.6	16.5	8.2	12.3	4.1	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°	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0
2.5°	5104.0	5161.6	5062.9	5124.6	5095.8	5108.1	5120.5	5087.6	5095.8	5210.9	5215.1
5°	4088.1	4199.2	4158.1	4215.6	4314.4	4265.0	4310.2	4302.0	4310.2	4326.7	4400.7
7.5°	2916.0	2883.1	2961.2	3113.4	3290.3	3397.2	3343.7	3314.9	3298.5	3257.4	3306.7
10°	2200.4	2183.9	2163.3	2208.6	2323.7	2443.0	2508.8	2397.8	2336.1	2257.9	2229.2
12.5°	1826.1	1723.3	1665.7	1595.8	1628.7	1735.6	1739.7	1632.8	1534.1	1493.0	1538.2
15°	1439.5	1369.6	1266.8	1168.0	1118.7	1200.9	1131.0	1028.2	900.7	884.3	880.1
17.5°	1028.2	987.1	913.0	871.9	814.3	793.8	719.7	563.5	473.0	448.3	456.5
20°	699.2	666.3	662.2	625.1	600.5	584.0	464.7	361.9	333.1	337.3	341.4
22.5°	518.2	501.8	481.2	477.1	456.5	436.0	341.4	304.3	283.8	283.8	296.1
25°	423.6	415.4	394.8	386.6	378.4	349.6	287.9	259.1	250.9	242.7	255.0
27.5°	361.9	357.8	345.5	333.1	324.9	296.1	250.9	226.2	218.0	218.0	218.0
30°	324.9	324.9	308.5	283.8	283.8	250.9	213.9	197.4	189.2	189.2	185.1
32.5°	304.3	296.1	275.6	259.1	246.8	213.9	189.2	172.7	160.4	160.4	164.5
35°	246.8	246.8	242.7	230.3	213.9	181.0	160.4	143.9	135.7	131.6	135.7
37.5°	218.0	205.6	189.2	193.3	185.1	156.3	135.7	123.4	111.0	111.0	111.0
40°	197.4	185.1	168.6	156.3	152.2	139.8	119.3	98.7	86.4	82.3	82.3
42.5°	176.9	168.6	143.9	123.4	119.3	119.3	90.5	74.0	61.7	61.7	61.7
45°	164.5	152.2	131.6	106.9	86.4	90.5	74.0	53.5	45.2	41.1	41.1
47.5°	156.3	143.9	115.2	90.5	65.8	65.8	53.5	37.0	28.8	24.7	24.7
50°	143.9	131.6	102.8	74.0	49.4	41.1	32.9	20.6	12.3	8.2	8.2
52.5°	135.7	123.4	90.5	61.7	41.1	28.8	20.6	4.1	0.0	0.0	0.0
55°	123.4	106.9	78.1	49.4	32.9	16.5	4.1	0.0	0.0	0.0	0.0
57.5°	106.9	94.6	61.7	37.0	20.6	4.1	0.0	0.0	0.0	0.0	0.0
60°	90.5	78.1	49.4	28.8	8.2	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	74.0	65.8	37.0	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	61.7	49.4	28.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	53.5	41.1	20.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	41.1	28.8	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	28.8	20.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	20.6	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	12.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.1	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°	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0
2.5°	5231.5	5354.9	5470.1	5503.0	5593.4	5844.3	5844.3	5963.6	6177.5	6255.6	6272.1
5°	4413.1	4544.7	4569.3	4824.3	4943.6	5198.6	5367.2	5770.3	6013.0	6165.1	6259.7
7.5°	3356.1	3401.3	3495.9	3734.4	3968.9	4277.3	4598.1	5112.2	5540.0	5712.7	6033.5
10°	2307.3	2443.0	2648.7	2862.5	3228.6	3569.9	3985.3	4470.6	4997.1	5210.9	5486.5
12.5°	1554.6	1743.8	2072.9	2377.2	2714.5	3059.9	3454.8	4104.6	4701.0	4997.1	5272.6
15°	908.9	1139.3	1423.0	1916.6	2364.9	2751.5	3146.3	3804.4	4528.2	4910.7	5248.0
17.5°	460.6	530.6	765.0	1192.7	1785.0	2418.3	3006.5	3845.5	4659.8	5128.7	5408.4
20°	345.5	366.0	431.8	633.4	1221.5	1998.8	2874.9	3907.2	5025.9	5597.6	5749.7
22.5°	300.2	316.7	345.5	411.3	686.8	1530.0	2689.8	4059.4	5523.5	6062.3	6383.1
25°	255.0	271.4	296.1	337.3	440.1	1040.5	2463.6	4219.8	5967.7	6646.3	6946.6
27.5°	222.1	234.4	259.1	292.0	357.8	662.2	2072.9	4433.6	6646.3	7353.7	7431.9
30°	189.2	201.5	222.1	259.1	304.3	468.9	1521.7	4462.4	7020.6	7662.2	7880.2
32.5°	164.5	168.6	193.3	226.2	255.0	370.2	1069.3	4491.2	7296.2	8061.1	8106.4
35°	135.7	143.9	168.6	189.2	222.1	292.0	810.2	4347.3	7654.0	8472.4	8460.1
37.5°	111.0	123.4	139.8	156.3	181.0	246.8	645.7	4079.9	8102.3	9109.9	8723.3
40°	86.4	98.7	115.2	135.7	152.2	222.1	485.3	3676.9	8571.1	9422.5	9011.2
42.5°	61.7	69.9	86.4	106.9	135.7	185.1	349.6	3199.8	8756.2	9788.5	9356.7
45°	45.2	53.5	65.8	90.5	139.8	148.1	242.7	2763.8	8953.6	9948.9	9278.5
47.5°	24.7	32.9	49.4	78.1	123.4	111.0	172.7	2373.1	9179.8	10092.9	9340.2
50°	8.2	12.3	28.8	82.3	98.7	86.4	135.7	2163.3	9401.9	10121.7	9463.6
52.5°	0.0	0.0	16.5	86.4	74.0	65.8	119.3	2081.1	9344.3	10212.1	9385.5
55°	0.0	0.0	4.1	37.0	41.1	49.4	98.7	2077.0	9751.5	10240.9	9813.2
57.5°	0.0	0.0	0.0	12.3	24.7	41.1	86.4	1945.4	10010.6	10956.6	10389.0
60°	0.0	0.0	0.0	4.1	16.5	28.8	65.8	1830.2	10273.8	11277.4	11005.9
62.5°	0.0	0.0	0.0	0.0	4.1	12.3	45.2	1653.4	9743.3	11252.7	11602.3
65°	0.0	0.0	0.0	0.0	0.0	0.0	28.8	1307.9	8764.4	10664.6	11273.3
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	16.5	904.8	7674.5	9924.2	10668.7
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	547.0	6193.9	8702.7	9048.2
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	234.4	4421.3	6909.5	7423.6
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	94.6	2735.0	5050.5	5683.9
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	1772.6	3824.9	4314.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	945.9	2397.8	2788.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	411.3	1455.9	1678.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	131.6	884.3	1007.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	135.7	181.0
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: P599126
 CATALOG NUMBER: IFLD-M-SA4C-722-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0	5832.0
2.5°	6280.3	6399.6	6444.8	6374.9	6383.1	6239.2	6218.6	6017.1	5934.8	5951.3
5°	6568.2	6740.9	6835.5	6757.4	6580.5	6305.0	6054.1	5815.5	5667.5	5593.4
7.5°	6502.4	6695.7	6815.0	6889.0	6687.5	6243.3	5860.8	5412.5	5223.3	5227.4
10°	6140.4	6543.5	6786.2	6691.6	6597.0	6152.8	5560.5	5075.2	4906.6	4923.1
12.5°	5848.4	6296.7	6440.7	6514.7	6321.4	5967.7	5568.8	5013.5	4824.3	4709.2
15°	5667.5	6000.6	6008.8	6124.0	6045.9	6045.9	5655.1	5112.2	4947.7	4820.2
17.5°	5667.5	5741.5	5733.3	5774.4	5906.0	6062.3	5873.1	5511.2	5186.3	5165.7
20°	5795.0	5564.7	5511.2	5527.6	5638.7	6103.4	6354.3	5901.9	5696.3	5630.5
22.5°	6091.1	5585.2	5260.3	5202.7	5544.1	6099.3	6662.8	6518.8	6161.0	6107.5
25°	6498.3	5548.2	5194.5	5120.5	5379.6	6247.4	7086.4	7115.2	6790.3	6679.2
27.5°	6884.9	5712.7	5186.3	5169.8	5511.2	6214.5	7378.4	7592.3	7226.2	7135.8
30°	7016.5	5877.2	5338.4	5120.5	5560.5	6333.8	7370.2	7929.5	7691.0	7711.5
32.5°	7172.8	6041.7	5354.9	5268.5	5770.3	6527.1	7604.6	8472.4	8299.7	8057.0
35°	7403.1	6263.8	5511.2	5433.0	5918.4	6699.8	7654.0	8871.4	8842.6	8558.8
37.5°	7600.5	6481.8	5836.1	5848.4	6370.8	6979.5	7871.9	9360.8	9311.4	9118.1
40°	7740.3	6786.2	6342.0	6374.9	6765.6	7292.0	8258.6	9607.6	9973.6	9689.8
42.5°	7760.9	7057.6	6921.9	7185.1	7551.1	7777.4	8414.8	9776.2	10302.6	10117.5
45°	7839.0	7489.5	7867.8	8061.1	8361.4	8205.1	8406.6	10064.1	10327.3	10232.7
47.5°	8143.4	8275.0	8752.1	9340.2	9447.2	8933.1	8604.0	10109.3	10467.1	10454.8
50°	8460.1	9118.1	9788.5	10179.2	10315.0	9434.8	8789.1	10072.3	10652.2	10553.5
52.5°	8813.8	9850.2	10816.7	11297.9	11223.9	9990.1	8998.9	10372.5	10993.6	10960.7
55°	9035.9	10179.2	11478.9	12149.3	12091.7	10611.1	9665.1	10804.4	11441.9	11359.6
57.5°	9624.0	10713.9	12136.9	12449.5	12601.7	11425.4	10129.9	11511.8	11816.1	11906.6
60°	10109.3	11063.5	12309.7	12762.1	12815.6	11910.7	10944.2	12239.8	12293.2	11988.9
62.5°	10820.8	11199.2	11943.6	12350.8	12626.4	12186.3	11676.3	12630.5	12285.0	12264.4
65°	11343.2	10755.0	11260.9	11487.1	11664.0	11766.8	12412.5	12897.8	12132.8	11733.9
67.5°	11051.2	9916.0	9821.4	9833.8	9887.2	10508.3	12165.7	12243.9	11285.6	10956.6
70°	9726.8	8135.2	8007.7	8106.4	7839.0	8587.6	11166.3	11129.3	9957.1	9615.8
72.5°	7867.8	5930.7	5712.7	5848.4	5910.1	6703.9	9393.7	8439.5	7263.2	6995.9
75°	6251.5	4347.3	3668.6	3997.7	4207.4	4881.9	7337.3	5733.3	5071.1	4709.2
77.5°	4910.7	3290.3	2854.3	2722.7	2916.0	3549.4	5338.4	3010.6	2656.9	2488.3
80°	3113.4	2418.3	2624.0	2434.8	2517.0	2533.5	2780.3	1369.6	1089.9	1077.6
82.5°	1875.4	1653.4	1965.9	1081.7	1970.0	1760.3	1155.7	621.0	551.1	551.1
85°	1328.4	1024.1	678.6	440.1	876.0	966.5	448.3	320.8	279.7	271.4
87.5°	666.3	316.7	152.2	98.7	111.0	181.0	53.5	24.7	24.7	20.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)