

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: P599187

Luminaire Tested: **IFLD-L-SA7A-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: P599187
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7A-730-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (112) 3000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

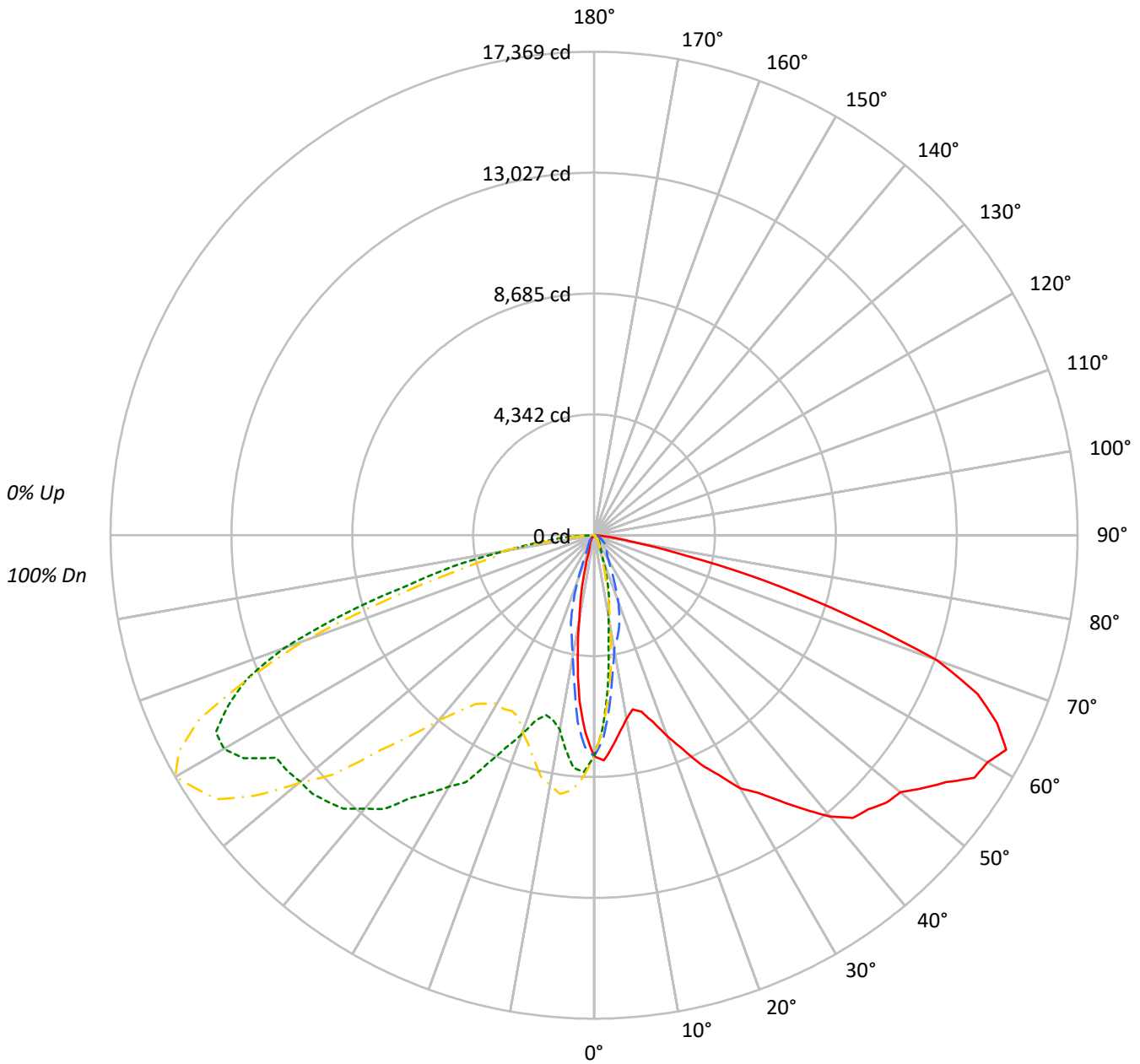
Lumens per Lamp: N/A
 Luminaire Lumens: 20761.5 lumens
 Efficiency: N/A
 Efficacy: 95.4 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 217.6
 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	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°	42717	42717	42717	42717
5°	41126	30059	32357	45330
10°	36616	16365	16580	38757
15°	36552	10916	6674	37238
20°	43888	5450	2661	43631
25°	53981	3423	2061	53715
30°	65222	2748	1565	64805
35°	76531	2206	1214	75758
40°	92650	1888	786	90094
45°	105996	1704	426	103057
50°	120258	1640	94	115338
55°	145064	1575	0	130778
60°	175628	1325	0	165205
65°	203366	1070	0	184833
70°	205930	881	0	186376
75°	133271	582	0	142932
80°	45452	174	0	101141
85°	22811	0	0	74311

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	601.2	2.9
10°-20°	1164.2	5.6
20°-30°	1621.5	7.8
30°-40°	2303.9	11.1
40°-50°	3194.9	15.4
50°-60°	4353.2	21.0
60°-70°	4786.0	23.1
70°-80°	2352.3	11.3
80°-90°	384.1	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°	3386.9	16.3
0°-40°	5690.9	27.4
0°-60°	13239.0	63.8
0°-90°	20761.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	20761.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7937	7937	7937	7937	7937	
5°	7612	5564	5989	8390	7612	697
15°	6560	1959	1198	6683	6560	1942
25°	9090	576	347	9045	9090	4226
35°	11648	336	185	11531	11648	7394
45°	13926	224	56	13540	13926	10795
55°	15460	168	0	13938	15460	13907
65°	15969	84	0	14514	15969	15433
75°	6409	28	0	6874	6409	6987
85°	369	0	0	1203	369	511
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°	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1
2.5°	8099.4	8194.6	8105.0	7791.6	7735.6	7584.5	7355.0	7338.2	7097.5	7125.5	6996.7
5°	7612.4	7707.6	7517.3	7103.1	6716.9	6409.0	6224.3	5894.0	5821.3	5659.0	5659.0
7.5°	7114.3	7108.7	6784.0	6437.0	5860.5	5295.1	5037.6	4561.9	4282.0	4130.9	3985.3
10°	6700.1	6610.5	6409.0	5692.5	5065.6	4477.9	4158.9	3845.4	3554.3	3302.5	3050.6
12.5°	6409.0	6465.0	6145.9	5367.9	4556.3	4147.7	3806.2	3476.0	3128.9	2843.5	2563.6
15°	6560.1	6470.6	6095.6	5295.1	4472.3	3912.6	3459.2	3056.2	2670.0	2294.9	2082.2
17.5°	7030.3	6800.8	6358.6	5295.1	4298.8	3554.3	3005.8	2530.0	2115.8	1780.0	1516.9
20°	7662.8	7399.7	6924.0	5491.0	4170.1	3291.3	2541.2	1942.3	1511.3	1197.8	996.3
22.5°	8312.1	8105.0	7388.5	5569.4	4018.9	2938.6	2003.9	1404.9	1007.5	806.0	705.3
25°	9090.2	8799.1	8015.5	5882.9	3795.0	2597.2	1578.5	979.5	750.0	643.7	582.1
27.5°	9711.5	9661.1	8603.2	6073.2	3627.1	2317.3	1248.2	778.0	621.3	542.9	503.8
30°	10495.1	10220.8	9319.6	6453.8	3436.8	1998.3	1041.1	699.7	570.9	487.0	459.0
32.5°	10965.3	10836.5	9694.7	6666.5	3224.1	1735.2	895.6	615.7	520.6	459.0	431.0
35°	11648.2	11390.7	10232.0	6800.8	3112.1	1584.1	806.0	559.7	436.6	375.0	341.4
37.5°	12409.4	12314.2	10875.7	6795.2	2949.8	1494.5	744.5	520.6	414.2	347.0	307.9
40°	13187.4	12801.2	11267.5	6952.0	2865.9	1427.3	699.7	498.2	391.8	330.2	279.9
42.5°	13769.6	13327.4	11720.9	6896.0	2765.1	1309.8	682.9	464.6	375.0	302.3	257.5
45°	13926.3	13769.6	12129.5	6879.2	2692.3	1214.6	654.9	459.0	363.8	285.5	240.7
47.5°	14228.6	14122.2	12633.3	6907.2	2636.4	1141.9	587.7	470.2	347.0	268.7	229.5
50°	14362.9	14172.6	13041.9	6974.3	2507.6	1052.3	526.2	492.6	341.4	263.1	218.3
52.5°	14917.0	14749.1	13601.6	7164.7	2401.3	934.8	464.6	470.2	352.6	246.3	207.1
55°	15460.0	15269.7	14463.6	7601.2	2250.1	839.6	397.4	414.2	335.8	223.9	184.7
57.5°	16204.4	15891.0	15040.2	7780.4	2115.8	710.9	352.6	341.4	313.5	201.5	162.3
60°	16316.4	16445.1	14956.2	7668.4	1975.9	626.9	307.9	263.1	335.8	179.1	139.9
62.5°	16691.4	16154.1	14564.4	7410.9	1875.1	576.5	274.3	218.3	291.1	156.7	117.5
65°	15969.3	15571.9	13646.4	6582.5	1746.4	582.1	240.7	179.1	184.7	128.7	95.2
67.5°	14911.4	14598.0	12123.9	5681.3	1617.6	570.9	212.7	156.7	139.9	111.9	84.0
70°	13086.7	12409.4	10299.2	4612.2	1427.3	531.8	179.1	139.9	117.5	89.6	61.6
72.5°	9521.2	9246.9	7388.5	3565.5	1281.8	481.4	167.9	117.5	100.8	67.2	50.4
75°	6409.0	5955.6	4662.6	2339.7	1029.9	419.8	139.9	106.4	78.4	50.4	39.2
77.5°	3386.4	3201.7	2642.0	1113.9	570.9	195.9	78.4	61.6	44.8	39.2	22.4
80°	1466.5	1304.2	1141.9	453.4	201.5	89.6	50.4	33.6	28.0	22.4	11.2
82.5°	750.0	716.5	593.3	195.9	117.5	67.2	28.0	22.4	16.8	11.2	5.6
85°	369.4	380.6	313.5	61.6	67.2	39.2	5.6	5.6	0.0	0.0	0.0
87.5°	28.0	28.0	22.4	11.2	16.8	5.6	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°	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1
2.5°	6946.4	7024.7	6890.4	6974.3	6935.2	6952.0	6968.7	6924.0	6935.2	7091.9	7097.5
5°	5563.8	5714.9	5659.0	5737.3	5871.7	5804.5	5866.1	5854.9	5866.1	5888.4	5989.2
7.5°	3968.5	3923.8	4030.1	4237.2	4477.9	4623.4	4550.7	4511.5	4489.1	4433.1	4500.3
10°	2994.6	2972.2	2944.2	3005.8	3162.5	3324.8	3414.4	3263.3	3179.3	3073.0	3033.8
12.5°	2485.2	2345.3	2266.9	2171.8	2216.6	2362.1	2367.7	2222.2	2087.8	2031.9	2093.4
15°	1959.1	1863.9	1724.0	1589.7	1522.5	1634.4	1539.3	1399.3	1225.8	1203.4	1197.8
17.5°	1399.3	1343.4	1242.6	1186.6	1108.3	1080.3	979.5	766.8	643.7	610.1	621.3
20°	951.6	906.8	901.2	850.8	817.2	794.8	632.5	492.6	453.4	459.0	464.6
22.5°	705.3	682.9	654.9	649.3	621.3	593.3	464.6	414.2	386.2	386.2	403.0
25°	576.5	565.3	537.3	526.2	515.0	475.8	391.8	352.6	341.4	330.2	347.0
27.5°	492.6	487.0	470.2	453.4	442.2	403.0	341.4	307.9	296.7	296.7	296.7
30°	442.2	442.2	419.8	386.2	386.2	341.4	291.1	268.7	257.5	257.5	251.9
32.5°	414.2	403.0	375.0	352.6	335.8	291.1	257.5	235.1	218.3	218.3	223.9
35°	335.8	335.8	330.2	313.5	291.1	246.3	218.3	195.9	184.7	179.1	184.7
37.5°	296.7	279.9	257.5	263.1	251.9	212.7	184.7	167.9	151.1	151.1	151.1
40°	268.7	251.9	229.5	212.7	207.1	190.3	162.3	134.3	117.5	111.9	111.9
42.5°	240.7	229.5	195.9	167.9	162.3	162.3	123.1	100.8	84.0	84.0	84.0
45°	223.9	207.1	179.1	145.5	117.5	123.1	100.8	72.8	61.6	56.0	56.0
47.5°	212.7	195.9	156.7	123.1	89.6	89.6	72.8	50.4	39.2	33.6	33.6
50°	195.9	179.1	139.9	100.8	67.2	56.0	44.8	28.0	16.8	11.2	11.2
52.5°	184.7	167.9	123.1	84.0	56.0	39.2	28.0	5.6	0.0	0.0	0.0
55°	167.9	145.5	106.4	67.2	44.8	22.4	5.6	0.0	0.0	0.0	0.0
57.5°	145.5	128.7	84.0	50.4	28.0	5.6	0.0	0.0	0.0	0.0	0.0
60°	123.1	106.4	67.2	39.2	11.2	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	100.8	89.6	50.4	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	84.0	67.2	39.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	72.8	56.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	56.0	39.2	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	39.2	28.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	28.0	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	16.8	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	5.6	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°	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1
2.5°	7119.9	7287.8	7444.5	7489.3	7612.4	7953.9	7953.9	8116.2	8407.3	8513.6	8536.0
5°	6006.0	6185.1	6218.7	6565.7	6728.1	7075.1	7304.6	7853.1	8183.4	8390.5	8519.2
7.5°	4567.5	4629.0	4757.8	5082.4	5401.5	5821.3	6257.9	6957.5	7539.7	7774.8	8211.4
10°	3140.1	3324.8	3604.7	3895.8	4393.9	4858.5	5423.9	6084.4	6800.8	7091.9	7466.9
12.5°	2115.8	2373.3	2821.1	3235.3	3694.3	4164.5	4701.8	5586.2	6397.8	6800.8	7175.8
15°	1237.0	1550.5	1936.7	2608.4	3218.5	3744.7	4282.0	5177.6	6162.7	6683.3	7142.3
17.5°	626.9	722.1	1041.1	1623.2	2429.3	3291.3	4091.7	5233.6	6341.8	6979.9	7360.6
20°	470.2	498.2	587.7	862.0	1662.4	2720.3	3912.6	5317.5	6840.0	7618.0	7825.1
22.5°	408.6	431.0	470.2	559.7	934.8	2082.2	3660.7	5524.6	7517.3	8250.5	8687.1
25°	347.0	369.4	403.0	459.0	598.9	1416.1	3352.8	5742.9	8121.8	9045.4	9454.0
27.5°	302.3	319.1	352.6	397.4	487.0	901.2	2821.1	6034.0	9045.4	10008.1	10114.5
30°	257.5	274.3	302.3	352.6	414.2	638.1	2071.0	6073.2	9554.7	10427.9	10724.6
32.5°	223.9	229.5	263.1	307.9	347.0	503.8	1455.3	6112.3	9929.8	10970.9	11032.4
35°	184.7	195.9	229.5	257.5	302.3	397.4	1102.7	5916.4	10416.7	11530.6	11513.8
37.5°	151.1	167.9	190.3	212.7	246.3	335.8	878.8	5552.6	11026.8	12398.2	11872.1
40°	117.5	134.3	156.7	184.7	207.1	302.3	660.5	5004.1	11665.0	12823.6	12263.9
42.5°	84.0	95.2	117.5	145.5	184.7	251.9	475.8	4354.8	11916.8	13321.8	12734.1
45°	61.6	72.8	89.6	123.1	190.3	201.5	330.2	3761.4	12185.5	13540.1	12627.7
47.5°	33.6	44.8	67.2	106.4	167.9	151.1	235.1	3229.7	12493.4	13736.0	12711.7
50°	11.2	16.8	39.2	111.9	134.3	117.5	184.7	2944.2	12795.6	13775.2	12879.6
52.5°	0.0	0.0	22.4	117.5	100.8	89.6	162.3	2832.3	12717.3	13898.3	12773.2
55°	0.0	0.0	5.6	50.4	56.0	67.2	134.3	2826.7	13271.4	13937.5	13355.4
57.5°	0.0	0.0	0.0	16.8	33.6	56.0	117.5	2647.6	13624.0	14911.4	14139.0
60°	0.0	0.0	0.0	5.6	22.4	39.2	89.6	2490.8	13982.3	15348.0	14978.6
62.5°	0.0	0.0	0.0	0.0	5.6	16.8	61.6	2250.1	13260.2	15314.4	15790.2
65°	0.0	0.0	0.0	0.0	0.0	0.0	39.2	1780.0	11928.0	14514.0	15342.4
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	22.4	1231.4	10444.7	13506.5	14519.6
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	744.5	8429.7	11844.1	12314.2
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	319.1	6017.2	9403.6	10103.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	128.7	3722.3	6873.6	7735.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.4	2412.5	5205.6	5871.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	1287.4	3263.3	3795.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	559.7	1981.5	2283.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	179.1	1203.4	1371.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	184.7	246.3
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: P599187
 CATALOG NUMBER: IFLD-L-SA7A-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1	7937.1
2.5°	8547.2	8709.5	8771.1	8675.9	8687.1	8491.2	8463.2	8189.0	8077.0	8099.4
5°	8939.0	9174.1	9302.9	9196.5	8955.8	8580.8	8239.4	7914.7	7713.2	7612.4
7.5°	8849.5	9112.5	9274.9	9375.6	9101.3	8496.8	7976.3	7366.2	7108.7	7114.3
10°	8356.9	8905.4	9235.7	9106.9	8978.2	8373.7	7567.7	6907.2	6677.7	6700.1
12.5°	7959.5	8569.6	8765.5	8866.3	8603.2	8121.8	7578.9	6823.2	6565.7	6409.0
15°	7713.2	8166.6	8177.8	8334.5	8228.2	8228.2	7696.4	6957.5	6733.7	6560.1
17.5°	7713.2	7813.9	7802.8	7858.7	8037.8	8250.5	7993.1	7500.5	7058.3	7030.3
20°	7886.7	7573.3	7500.5	7522.9	7674.0	8306.5	8648.0	8032.2	7752.4	7662.8
22.5°	8289.7	7601.2	7159.1	7080.7	7545.3	8300.9	9067.8	8871.9	8384.9	8312.1
25°	8843.9	7550.9	7069.5	6968.7	7321.4	8502.4	9644.3	9683.5	9241.3	9090.2
27.5°	9370.0	7774.8	7058.3	7035.9	7500.5	8457.6	10041.7	10332.8	9834.6	9711.5
30°	9549.1	7998.7	7265.4	6968.7	7567.7	8620.0	10030.5	10791.8	10467.1	10495.1
32.5°	9761.8	8222.6	7287.8	7170.3	7853.1	8883.1	10349.6	11530.6	11295.5	10965.3
35°	10075.3	8524.8	7500.5	7394.1	8054.6	9118.1	10416.7	12073.6	12034.4	11648.2
37.5°	10344.0	8821.5	7942.7	7959.5	8670.3	9498.8	10713.4	12739.6	12672.5	12409.4
40°	10534.3	9235.7	8631.2	8675.9	9207.7	9924.2	11239.5	13075.5	13573.7	13187.4
42.5°	10562.3	9605.1	9420.4	9778.6	10276.8	10584.7	11452.3	13305.0	14021.5	13769.6
45°	10668.6	10192.8	10707.8	10970.9	11379.5	11166.8	11441.1	13696.8	14055.0	13926.3
47.5°	11082.8	11261.9	11911.2	12711.7	12857.2	12157.5	11709.7	13758.4	14245.3	14228.6
50°	11513.8	12409.4	13321.8	13853.5	14038.2	12840.4	11961.6	13708.0	14497.2	14362.9
52.5°	11995.2	13405.7	14721.1	15376.0	15275.3	13596.0	12247.1	14116.6	14961.8	14917.0
55°	12297.5	13853.5	15622.3	16534.7	16456.3	14441.3	13153.9	14704.3	15571.9	15460.0
57.5°	13097.9	14581.2	16517.9	16943.3	17150.4	15549.5	13786.4	15667.1	16081.3	16204.4
60°	13758.4	15057.0	16753.0	17368.7	17441.5	16210.0	14894.6	16657.8	16730.6	16316.4
62.5°	14726.7	15241.7	16254.8	16808.9	17184.0	16585.1	15891.0	17189.6	16719.4	16691.4
65°	15437.6	14637.2	15325.6	15633.5	15874.2	16014.1	16892.9	17553.4	16512.3	15969.3
67.5°	15040.2	13495.3	13366.6	13383.3	13456.1	14301.3	16557.1	16663.4	15359.2	14911.4
70°	13237.8	11071.6	10898.1	11032.4	10668.6	11687.3	15196.9	15146.5	13551.3	13086.7
72.5°	10707.8	8071.4	7774.8	7959.5	8043.4	9123.7	12784.4	11485.8	9885.0	9521.2
75°	8508.0	5916.4	4992.9	5440.7	5726.1	6644.1	9985.7	7802.8	6901.6	6409.0
77.5°	6683.3	4477.9	3884.6	3705.5	3968.5	4830.5	7265.4	4097.3	3615.9	3386.4
80°	4237.2	3291.3	3571.1	3313.7	3425.6	3448.0	3783.8	1863.9	1483.3	1466.5
82.5°	2552.4	2250.1	2675.6	1472.1	2681.1	2395.7	1572.9	845.2	750.0	750.0
85°	1808.0	1393.7	923.6	598.9	1192.2	1315.4	610.1	436.6	380.6	369.4
87.5°	906.8	431.0	207.1	134.3	151.1	246.3	72.8	33.6	33.6	28.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)