

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: P598773

Luminaire Tested: **IFLD-S-SA6C-760-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598773
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6C-760-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (96) 5700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

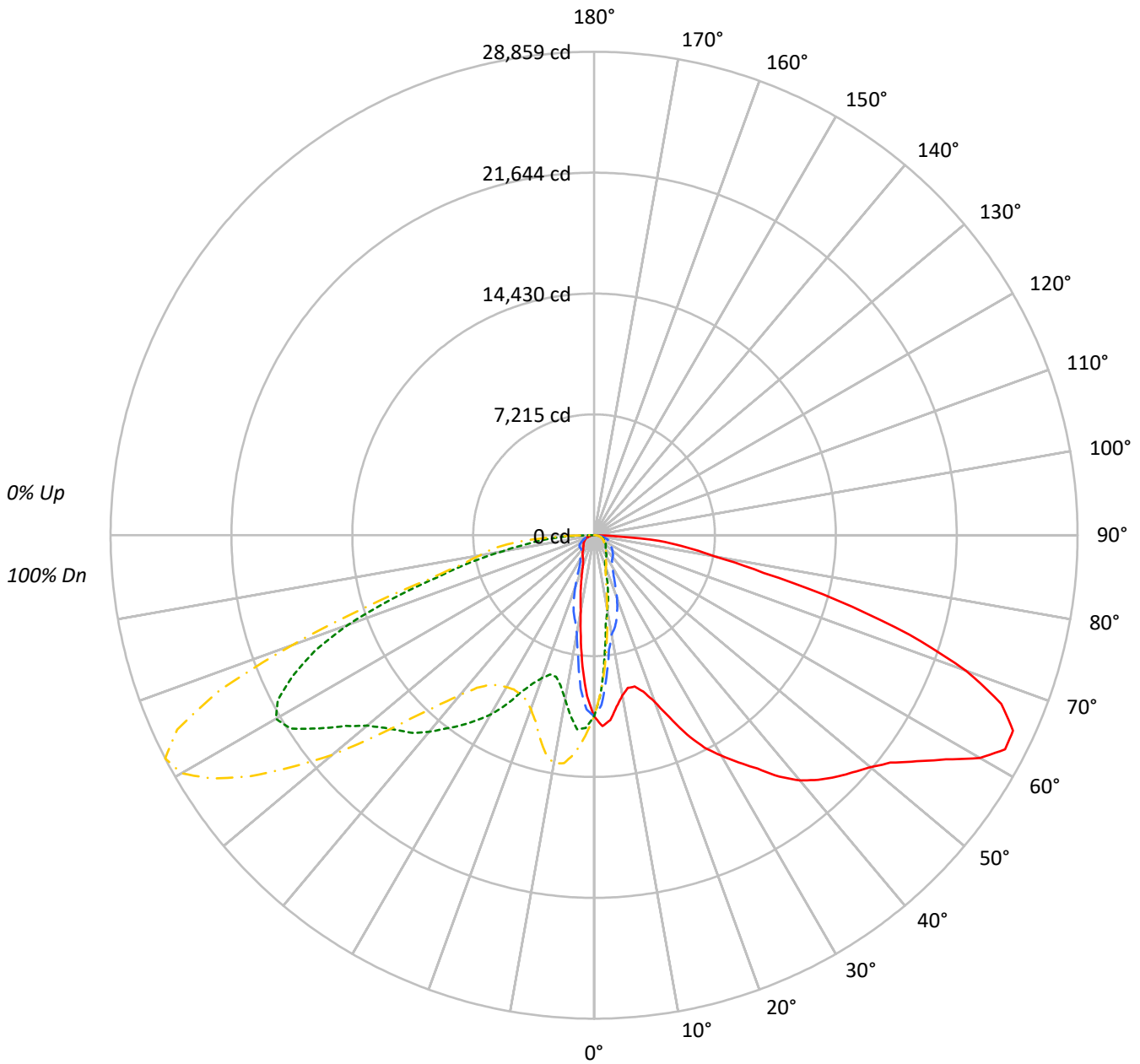
Lumens per Lamp: N/A
 Luminaire Lumens: 36152.4 lumens
 Efficiency: N/A
 Efficacy: 112.4 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 321.5
 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	102	102	102	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	85	82	79	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	70	65	61	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	59	53	48	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	51	44	39	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	45	38	32	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	40	33	27	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	36	29	23	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	32	26	20	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	30	23	18	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	28	21	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	77496	77496	77496	77496
5°	79753	51861	56655	83784
10°	70756	32953	33284	72410
15°	69443	23372	22136	64948
20°	80737	14784	14900	69187
25°	103831	12695	12335	81795
30°	125830	12031	11280	102393
35°	148930	10600	10202	121370
40°	178949	10060	9352	143386
45°	207065	9977	9056	167156
50°	240449	10131	9119	197391
55°	294252	10408	9272	251486
60°	381618	10419	9768	314542
65°	468444	10529	10016	336693
70°	495690	11107	10472	327814
75°	417261	11742	10483	267550
80°	303145	13753	10625	231265
85°	321295	19925	8719	240352

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	835.8	2.3
10°-20°	1749.2	4.8
20°-30°	2520.7	7.0
30°-40°	3628.9	10.0
40°-50°	5154.5	14.3
50°-60°	7410.8	20.5
60°-70°	8561.9	23.7
70°-80°	4847.9	13.4
80°-90°	1442.8	4.0
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°	5105.7	14.1
0°-40°	8734.6	24.2
0°-60°	21299.9	58.9
0°-90°	36152.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	36152.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	10799	10799	10799	10799	10799	
5°	11072	7200	7865	11631	11072	1005
15°	9347	3146	2980	8742	9347	2749
25°	13114	1603	1558	10330	13114	6087
35°	17001	1210	1165	13855	17001	10790
45°	20404	983	892	16471	20404	15799
55°	23520	832	741	20101	23520	21301
65°	27588	620	590	19829	27588	26455
75°	15050	424	378	9650	15050	15968
85°	3902	242	106	2919	3902	3886
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°	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4
2.5°	11404.4	11389.3	11298.5	11011.1	10708.6	10421.3	10149.0	9861.6	9710.4	9528.9	9453.3
5°	11071.6	11041.4	10784.3	10149.0	9589.4	8984.4	8470.1	8061.7	7729.0	7396.2	7275.2
7.5°	10315.4	10270.0	9967.5	9090.2	8273.5	7487.0	6866.8	6337.5	5898.8	5702.2	5475.3
10°	9710.4	9634.8	9241.5	8273.5	7214.7	6428.2	6019.8	5656.8	5278.7	4961.1	4628.3
12.5°	9332.3	9241.5	8833.1	7698.7	6670.2	6080.3	5656.8	5248.4	4779.6	4386.3	4023.3
15°	9347.4	9241.5	8742.4	7547.5	6534.1	5777.8	5187.9	4628.3	4083.8	3645.2	3236.8
17.5°	9786.0	9649.9	9120.5	7759.2	6428.2	5384.6	4598.1	3872.1	3251.9	2783.0	2450.3
20°	10572.5	10481.8	9876.8	8076.9	6322.3	4961.1	3993.1	3115.8	2465.4	2102.4	1966.3
22.5°	11752.3	11646.4	10996.0	8560.9	6292.1	4582.9	3342.7	2450.3	1981.4	1830.1	1754.5
25°	13113.6	12916.9	12311.9	9377.6	6352.6	4235.1	2813.3	2026.8	1769.6	1663.8	1618.4
27.5°	14293.3	14172.3	13491.7	10149.0	6382.8	3962.8	2450.3	1845.3	1648.6	1557.9	1527.6
30°	15185.7	15140.3	14474.8	10996.0	6307.2	3630.0	2223.4	1769.6	1648.6	1557.9	1467.1
32.5°	16078.1	16093.2	15382.3	11646.4	6201.3	3342.7	2011.7	1573.0	1452.0	1391.5	1406.6
35°	17000.7	17076.4	16471.3	12281.7	5974.5	3236.8	1860.4	1467.1	1361.3	1270.5	1225.1
37.5°	18165.4	18362.0	17772.1	12992.6	5747.6	3146.0	1784.8	1391.5	1285.6	1210.0	1149.5
40°	19103.1	19466.1	19118.3	13658.1	5596.3	3040.2	1724.3	1315.9	1240.3	1149.5	1104.1
42.5°	19798.9	20222.4	20101.4	14172.3	5596.3	2934.3	1663.8	1270.5	1210.0	1104.1	1043.6
45°	20403.9	20842.5	20827.4	14701.7	5717.3	2873.8	1588.1	1270.5	1179.8	1073.9	1013.4
47.5°	20948.4	21387.0	21538.3	15367.2	5914.0	2843.5	1497.4	1240.3	1179.8	1058.8	968.0
50°	21538.3	22022.3	22476.1	16426.0	6156.0	2767.9	1436.9	1194.9	1194.9	1043.6	937.8
52.5°	22294.6	22839.1	23670.9	17741.9	6398.0	2631.8	1346.1	1164.6	1194.9	1028.5	907.5
55°	23519.7	23973.4	25062.5	19314.9	6700.5	2465.4	1270.5	1089.0	1134.4	983.1	862.1
57.5°	24896.1	25289.3	26196.9	20524.9	6791.2	2253.7	1164.6	1013.4	1089.0	937.8	801.6
60°	26590.1	26786.7	26786.7	20872.8	6488.7	2057.0	1089.0	952.9	983.1	892.4	756.3
62.5°	27664.0	27664.0	26786.7	20237.5	5914.0	1890.7	1028.5	892.4	862.1	831.9	710.9
65°	27588.4	27467.4	26166.6	18392.2	5248.4	1784.8	968.0	816.8	771.4	756.3	665.5
67.5°	26317.9	26106.1	24336.5	15790.7	4552.7	1739.4	907.5	741.1	710.9	680.6	605.0
70°	23625.6	23081.1	20903.0	12705.2	3872.1	1709.1	892.4	680.6	650.4	620.1	559.6
72.5°	19723.3	19027.5	16320.1	9770.9	3251.9	1603.3	847.0	605.0	589.9	559.6	499.1
75°	15049.6	13763.9	11389.3	7471.9	2525.9	1391.5	726.0	529.4	529.4	514.3	453.8
77.5°	10375.9	9710.4	7940.7	5520.7	1845.3	1073.9	589.9	468.9	468.9	484.0	423.5
80°	7335.7	6715.6	5656.8	3962.8	1164.6	726.0	453.8	393.3	438.6	468.9	393.3
82.5°	5611.5	5157.7	4204.8	2888.9	680.6	499.1	347.9	317.6	378.1	408.4	332.8
85°	3902.3	3357.8	2132.7	1936.0	393.3	302.5	257.1	257.1	332.8	408.4	302.5
87.5°	1104.1	468.9	136.1	574.8	166.4	121.0	90.8	60.5	90.8	90.8	60.5
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°	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4
2.5°	9377.6	9286.9	9286.9	9256.6	9271.8	9286.9	9271.8	9377.6	9423.0	9483.5	9604.5
5°	7199.6	7320.6	7229.8	7320.6	7441.6	7623.1	7668.5	7804.6	7819.7	7925.6	7865.1
7.5°	5339.2	5324.1	5248.4	5354.3	5687.1	5944.2	6065.2	6140.8	6156.0	6156.0	6080.3
10°	4522.4	4386.3	4250.2	4174.6	4204.8	4477.1	4567.8	4613.2	4582.9	4628.3	4567.8
12.5°	3872.1	3751.1	3554.4	3418.3	3327.5	3403.2	3493.9	3539.3	3569.5	3645.2	3705.7
15°	3146.0	3025.0	2904.0	2828.4	2752.8	2692.3	2767.9	2813.3	2888.9	2949.4	2979.7
17.5°	2389.8	2329.3	2268.8	2314.2	2314.2	2283.9	2314.2	2329.3	2359.5	2404.9	2389.8
20°	1936.0	1920.9	1905.8	1981.4	2041.9	2041.9	2072.2	2026.8	2011.7	1966.3	1951.2
22.5°	1724.3	1724.3	1739.4	1799.9	1860.4	1890.7	1890.7	1815.0	1739.4	1709.1	1724.3
25°	1603.3	1603.3	1648.6	1663.8	1694.0	1694.0	1709.1	1633.5	1588.1	1542.8	1557.9
27.5°	1512.5	1512.5	1527.6	1527.6	1542.8	1542.8	1557.9	1527.6	1467.1	1452.0	1452.0
30°	1452.0	1452.0	1436.9	1436.9	1436.9	1436.9	1452.0	1406.6	1376.4	1361.3	1361.3
32.5°	1391.5	1376.4	1361.3	1361.3	1346.1	1346.1	1361.3	1315.9	1300.8	1300.8	1300.8
35°	1210.0	1194.9	1210.0	1240.3	1240.3	1255.4	1255.4	1240.3	1210.0	1179.8	1164.6
37.5°	1134.4	1119.3	1119.3	1119.3	1149.5	1164.6	1179.8	1149.5	1104.1	1058.8	1058.8
40°	1073.9	1073.9	1058.8	1058.8	1058.8	1089.0	1119.3	1073.9	1013.4	998.3	998.3
42.5°	1028.5	1013.4	998.3	983.1	968.0	1013.4	1043.6	983.1	952.9	952.9	952.9
45°	983.1	968.0	952.9	937.8	922.6	937.8	968.0	907.5	892.4	892.4	892.4
47.5°	937.8	922.6	892.4	877.3	862.1	862.1	892.4	847.0	831.9	847.0	847.0
50°	907.5	877.3	847.0	831.9	816.8	816.8	816.8	801.6	801.6	801.6	816.8
52.5°	877.3	847.0	801.6	786.5	771.4	771.4	771.4	771.4	756.3	771.4	786.5
55°	831.9	801.6	771.4	756.3	741.1	726.0	741.1	726.0	726.0	741.1	741.1
57.5°	771.4	741.1	710.9	710.9	695.8	695.8	710.9	695.8	695.8	710.9	710.9
60°	726.0	695.8	665.5	665.5	650.4	665.5	680.6	665.5	665.5	665.5	680.6
62.5°	665.5	650.4	620.1	620.1	620.1	620.1	635.3	620.1	635.3	635.3	635.3
65°	620.1	589.9	574.8	574.8	574.8	574.8	605.0	574.8	589.9	589.9	589.9
67.5°	574.8	544.5	529.4	529.4	529.4	529.4	559.6	529.4	544.5	559.6	544.5
70°	529.4	499.1	484.0	484.0	484.0	484.0	499.1	484.0	484.0	499.1	499.1
72.5°	468.9	453.8	438.6	438.6	423.5	438.6	453.8	438.6	438.6	438.6	438.6
75°	423.5	408.4	408.4	393.3	393.3	393.3	408.4	378.1	378.1	378.1	378.1
77.5°	393.3	363.0	363.0	363.0	347.9	363.0	347.9	317.6	317.6	317.6	317.6
80°	332.8	302.5	317.6	317.6	302.5	302.5	287.4	257.1	257.1	257.1	257.1
82.5°	272.3	242.0	257.1	257.1	257.1	257.1	226.9	211.8	196.6	181.5	181.5
85°	242.0	196.6	226.9	226.9	211.8	211.8	151.3	151.3	121.0	121.0	105.9
87.5°	45.4	30.3	60.5	75.6	75.6	90.8	60.5	75.6	45.4	30.3	30.3
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°	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4
2.5°	9589.4	9755.8	9982.6	10149.0	10406.1	10602.8	10905.3	11162.4	11404.4	11510.3	11616.2
5°	8046.6	8152.5	8500.4	8772.6	9181.0	9619.6	10164.1	10754.0	11359.0	11631.3	11948.9
7.5°	6019.8	6216.5	6413.1	6806.3	7305.5	8016.4	8712.1	9589.4	10436.4	10844.8	11389.3
10°	4673.7	4824.9	5051.8	5460.2	5929.1	6519.0	7350.8	8394.5	9407.9	9937.3	10496.9
12.5°	3751.1	3962.8	4265.3	4688.8	5233.3	5838.3	6443.3	7411.4	8591.1	9196.1	9831.4
15°	3040.2	3206.5	3539.3	4068.7	4703.9	5324.1	5959.3	6761.0	8046.6	8742.4	9498.6
17.5°	2420.0	2541.0	2843.5	3372.9	4008.2	4703.9	5429.9	6443.3	7865.1	8712.1	9604.5
20°	1966.3	2057.0	2253.7	2646.9	3251.9	4008.2	4915.7	6140.8	7971.0	9060.0	10149.0
22.5°	1724.3	1754.5	1845.3	2057.0	2556.2	3357.8	4446.8	5883.7	8167.6	9574.3	11041.4
25°	1557.9	1588.1	1618.4	1754.5	2041.9	2798.2	4038.4	5732.5	8591.1	10330.5	12069.9
27.5°	1452.0	1482.3	1497.4	1557.9	1754.5	2389.8	3690.5	5641.7	9165.9	11434.7	13340.4
30°	1361.3	1361.3	1406.6	1497.4	1633.5	2102.4	3388.0	5429.9	9770.9	12357.3	14338.7
32.5°	1285.6	1300.8	1361.3	1406.6	1497.4	1860.4	3085.5	5157.7	10315.4	13113.6	15321.8
35°	1149.5	1149.5	1164.6	1240.3	1361.3	1663.8	2813.3	4885.4	10617.9	13854.7	16199.1
37.5°	1058.8	1073.9	1104.1	1164.6	1270.5	1527.6	2586.4	4582.9	10935.5	14550.4	17227.6
40°	998.3	1013.4	1043.6	1104.1	1210.0	1406.6	2389.8	4340.9	11268.3	15306.7	18331.7
42.5°	952.9	968.0	998.3	1058.8	1149.5	1376.4	2178.0	4144.3	11464.9	16002.5	19375.4
45°	907.5	922.6	968.0	1028.5	1104.1	1346.1	2057.0	4008.2	11540.5	16471.3	20207.3
47.5°	862.1	877.3	922.6	1013.4	1104.1	1300.8	2011.7	3932.6	11601.0	17000.7	20872.8
50°	816.8	847.0	907.5	998.3	1119.3	1240.3	1981.4	3917.4	11948.9	17681.4	21508.0
52.5°	786.5	831.9	892.4	998.3	1104.1	1149.5	1966.3	3962.8	12644.7	18694.8	22415.6
55°	756.3	801.6	862.1	998.3	1058.8	1073.9	1890.7	4038.4	13703.4	20101.4	23701.2
57.5°	726.0	756.3	831.9	968.0	998.3	1013.4	1739.4	4144.3	14762.2	21477.8	25017.1
60°	680.6	710.9	786.5	968.0	907.5	952.9	1542.8	4174.6	15518.5	21916.4	25138.1
62.5°	635.3	665.5	741.1	998.3	831.9	892.4	1376.4	4068.7	15669.7	21281.2	24457.5
65°	589.9	620.1	680.6	831.9	771.4	831.9	1270.5	3781.3	15170.6	19829.1	23217.2
67.5°	544.5	574.8	620.1	680.6	695.8	756.3	1225.1	3327.5	13915.2	18029.2	21523.2
70°	484.0	514.3	559.6	605.0	620.1	710.9	1149.5	2888.9	11888.4	15624.3	19451.0
72.5°	438.6	453.8	499.1	529.4	559.6	650.4	1104.1	2525.9	9090.2	12644.7	15866.3
75°	378.1	378.1	423.5	453.8	484.0	574.8	1013.4	2102.4	6413.1	9649.9	11661.5
77.5°	317.6	317.6	347.9	378.1	408.4	499.1	862.1	1709.1	4446.8	7653.4	8455.0
80°	242.0	242.0	272.3	302.5	332.8	423.5	695.8	1255.4	2752.8	5596.3	6156.0
82.5°	166.4	166.4	211.8	226.9	242.0	332.8	529.4	862.1	1618.4	4038.4	4401.4
85°	90.8	90.8	121.0	136.1	166.4	242.0	393.3	605.0	968.0	2919.2	2934.3
87.5°	15.1	15.1	45.4	45.4	75.6	121.0	226.9	332.8	544.5	1618.4	1028.5
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: P598773
 CATALOG NUMBER: IFLD-S-SA6C-760-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4	10799.4
2.5°	11812.8	11979.2	11994.3	11994.3	11918.7	11933.8	11722.0	11495.2	11419.5	11404.4
5°	12432.9	12871.5	12992.6	13053.1	12856.4	12553.9	12009.4	11419.5	11117.0	11071.6
7.5°	12311.9	13189.2	13658.1	13718.6	13325.3	12614.4	11661.5	10754.0	10406.1	10315.4
10°	11601.0	12780.8	13627.8	13839.6	13416.1	12508.5	11268.3	10209.5	9786.0	9710.4
12.5°	11101.9	12236.3	13068.2	13355.6	13158.9	12372.4	11071.6	9861.6	9438.1	9332.3
15°	10829.6	11873.3	12417.8	12508.5	12493.4	12160.7	11071.6	9937.3	9468.4	9347.4
17.5°	11056.5	11767.4	11843.0	11631.3	11752.3	11918.7	11313.7	10345.6	9891.9	9786.0
20°	11510.3	11722.0	11359.0	11041.4	11101.9	11631.3	11691.8	11117.0	10754.0	10572.5
22.5°	12463.2	11888.4	11056.5	10617.9	10663.3	11404.4	12190.9	12160.7	11843.0	11752.3
25°	13431.2	12357.3	10965.8	10451.5	10512.0	11359.0	12780.8	13325.3	13158.9	13113.6
27.5°	14505.1	13143.8	11026.3	10375.9	10451.5	11419.5	13189.2	14308.4	14338.7	14293.3
30°	15231.1	13521.9	11207.8	10466.6	10572.5	11570.8	13279.9	14898.3	15170.6	15185.7
32.5°	15836.1	13900.1	11585.9	10617.9	10799.4	11843.0	13521.9	15458.0	16063.0	16078.1
35°	16320.1	14323.6	12054.8	10890.1	11162.4	12296.8	13839.6	15987.3	16894.9	17000.7
37.5°	16940.2	14792.4	12599.3	11480.0	11782.5	12947.2	14399.2	16607.5	17878.0	18165.4
40°	17605.7	15261.3	13385.8	12432.9	12871.5	13915.2	15034.5	17303.2	18709.9	19103.1
42.5°	18346.9	15760.5	14278.2	13718.6	14384.1	15140.3	15760.5	17938.5	19345.1	19798.9
45°	19072.9	16365.5	15579.0	15473.1	16214.2	16592.3	16471.3	18392.2	19950.1	20403.9
47.5°	19587.1	17242.7	17152.0	17787.2	18483.0	18286.4	17303.2	18725.0	20449.3	20948.4
50°	20056.0	18331.7	19133.4	20373.7	20797.2	20131.6	18195.6	19178.8	20978.7	21538.3
52.5°	20751.8	19496.4	21175.3	22718.1	23126.4	22067.7	19163.6	19919.9	21795.4	22294.6
55°	22173.5	20812.3	23307.9	25077.6	25153.2	23837.3	20464.4	21175.3	22944.9	23519.7
57.5°	23761.7	22430.7	25002.0	27028.7	26998.5	25607.0	21931.5	22869.3	24502.8	24896.1
60°	25198.6	24064.2	26847.2	28420.3	28344.6	26892.6	23640.7	24790.2	26287.6	26590.1
62.5°	26045.6	25546.5	27664.0	28858.9	28571.5	27316.1	25092.7	26499.4	27558.1	27664.0
65°	25909.5	26393.5	26711.1	27452.2	27043.9	26136.4	25803.6	27588.4	27694.2	27588.4
67.5°	24881.0	25909.5	24094.5	24170.1	23958.3	23186.9	24699.5	27301.0	26575.0	26317.9
70°	23323.1	23398.7	20146.8	19193.9	19526.6	18467.9	21190.4	25062.5	23943.2	23625.6
72.5°	20736.7	19798.9	15231.1	14263.1	14762.2	14005.9	17000.7	21840.8	20751.8	19723.3
75°	17394.0	15684.8	11601.0	10224.6	10481.8	10451.5	13174.1	18044.4	16078.1	15049.6
77.5°	13476.6	12221.2	8560.9	8031.5	7759.2	7819.7	9196.1	13416.1	11661.5	10375.9
80°	9846.5	8545.7	6624.8	6927.3	6776.1	6413.1	6443.3	8984.4	8107.1	7335.7
82.5°	6806.3	6080.3	5369.4	6065.2	5702.2	5142.6	5021.6	6473.6	6080.3	5611.5
85°	4567.8	5006.4	4265.3	4643.4	4023.3	3705.7	4719.1	5414.8	4371.2	3902.3
87.5°	2979.7	4582.9	3070.4	2329.3	1331.0	1784.8	2888.9	3554.4	2041.9	1104.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)