

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: P599392

Luminaire Tested: **IFLD-L-SA7C-722-U-SLL-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599392
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7C-722-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (112) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

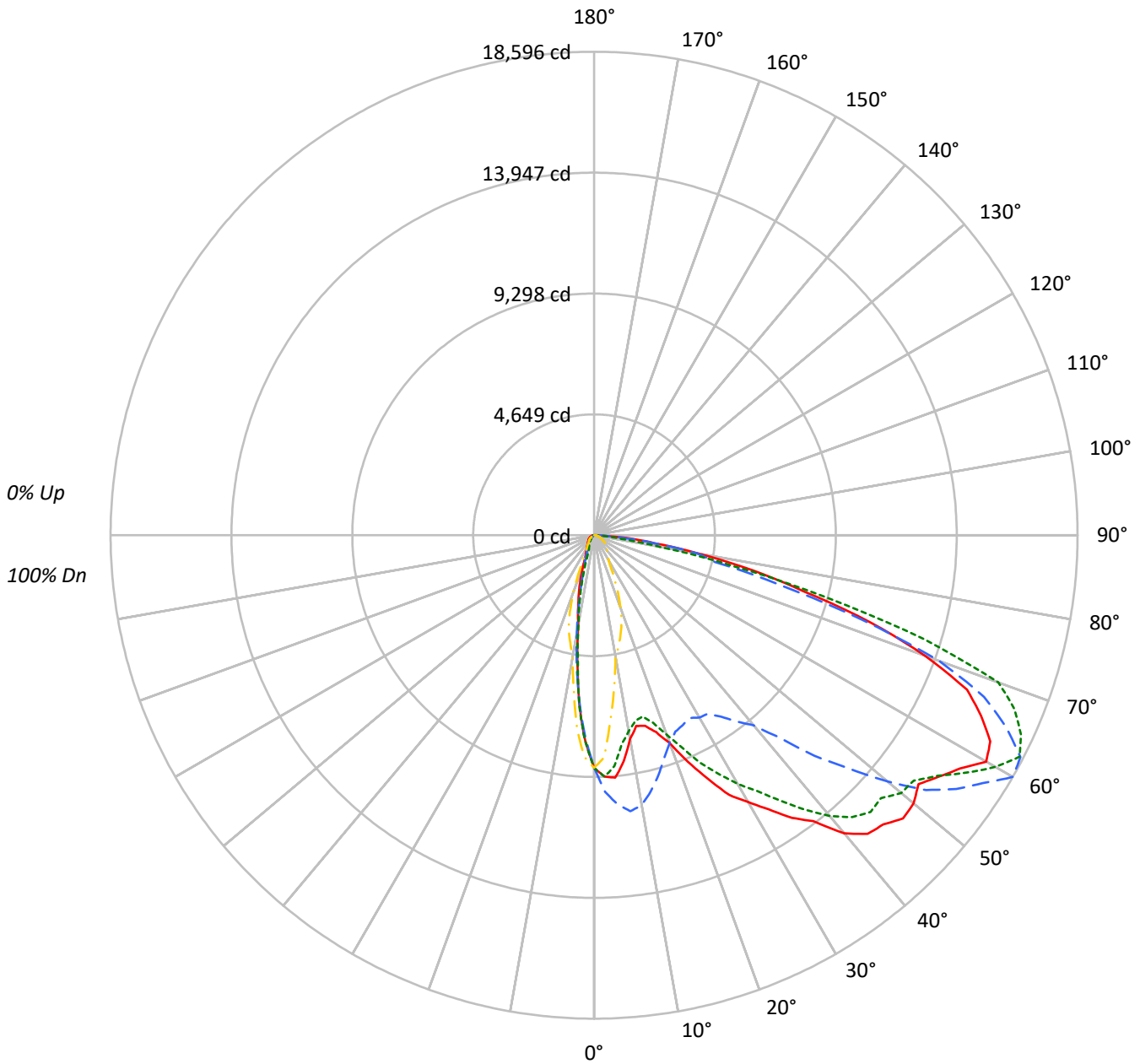
Lumens per Lamp: N/A
 Luminaire Lumens: 23783.3 lumens
 Efficiency: N/A
 Efficacy: 64.5 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 369
 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				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	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79	79	79	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61	61	61	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48	48	48	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39	39	39	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32	32	32	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27	27	27	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23	23	23	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20	20	20	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16	16	16	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	48127	48127	48127	48127
5°	50576	48140	35170	35376
10°	43490	41824	19229	18777
15°	42288	40200	12491	9413
20°	48743	46705	6693	3346
25°	61287	57327	4337	2602
30°	73610	68597	3512	2132
35°	87169	81787	2879	1711
40°	105170	99013	2543	1294
45°	119738	114517	2369	870
50°	134325	129113	2339	532
55°	151903	151367	2324	238
60°	187450	191894	2119	69
65°	209155	230669	1941	0
70°	213270	260342	1799	0
75°	173535	192025	1718	0
80°	126177	80310	1773	0
85°	81573	33728	2353	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	679.3	2.9
10°-20°	1332.2	5.6
20°-30°	1843.5	7.8
30°-40°	2605.3	11.0
40°-50°	3547.2	14.9
50°-60°	4698.1	19.8
60°-70°	5454.8	22.9
70°-80°	3089.1	13.0
80°-90°	533.8	2.2
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°	3855.0	16.2
0°-40°	6460.4	27.2
0°-60°	14705.6	61.8
0°-90°	23783.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	23783.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8942	8942	8942	8942	8942	
5°	9362	8911	6510	6548	9362	841
15°	7590	7215	2242	1689	7590	2226
25°	10320	9654	730	438	10320	4813
35°	13267	12448	438	260	13267	8364
45°	15732	15046	311	114	15732	12197
55°	16189	16132	248	25	16189	14667
65°	16424	18113	152	0	16424	16010
75°	8345	9234	83	0	8345	9108
85°	1321	546	38	0	1321	1587
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3
2.5°	9291.7	9488.5	9494.9	9583.8	9672.7	9672.7	9882.3	9831.5	9647.3	9615.6	9482.2
5°	9361.5	9431.4	9482.2	9933.1	10314.2	10276.1	10390.4	10314.2	9958.5	9501.2	9190.0
7.5°	8758.2	8834.4	9037.6	9806.1	10320.5	10492.0	10708.0	10231.6	9856.9	9031.3	8434.3
10°	7957.9	8104.0	8478.7	9355.2	9990.3	10536.5	10536.5	10155.4	9431.4	8624.8	7894.4
12.5°	7513.3	7805.5	8008.7	8897.9	9723.5	10098.2	10085.5	9882.3	9412.3	8396.2	7570.5
15°	7589.6	7672.1	8104.0	8796.3	9342.5	9323.4	9552.1	9488.5	9158.3	8599.4	7691.2
17.5°	7938.9	8065.9	8440.6	8796.3	9056.7	8980.5	8974.1	9279.0	9298.0	8942.3	8142.1
20°	8510.5	8885.2	9063.0	9171.0	8853.4	8529.5	8491.4	8916.9	9247.2	9380.6	8682.0
22.5°	9425.0	9672.7	10034.7	9482.2	8656.5	8250.1	8173.9	8643.8	9310.7	9901.4	9380.6
25°	10320.5	10511.1	10860.4	10149.1	8878.8	8192.9	8059.5	8466.0	9552.1	10625.4	10225.3
27.5°	11266.8	11432.0	11470.1	10638.1	8999.5	8078.6	7919.8	8466.0	9755.3	11006.5	11235.1
30°	11844.8	12041.7	12079.8	11070.0	9196.4	8173.9	8097.6	8504.1	9895.0	11330.4	11959.1
32.5°	12492.6	12543.4	12511.7	11146.2	9412.3	8453.3	8135.8	8758.2	10053.8	11717.8	12619.6
35°	13267.4	13356.4	13032.5	11495.5	9895.0	8631.1	8516.8	9069.4	10326.9	11895.6	13419.9
37.5°	13858.1	14137.5	13407.2	11628.9	9990.3	9005.9	9024.9	9717.2	10517.4	12111.5	14302.7
40°	14969.5	14499.6	14042.3	12086.1	10352.3	9641.0	9539.3	10384.0	11158.9	12251.3	14880.6
42.5°	15579.2	15331.6	14290.0	12130.6	10911.2	10517.4	10542.8	11139.8	11495.5	12645.0	15039.4
45°	15731.7	15471.3	14626.6	12162.4	11463.7	11552.6	11990.9	12105.2	11990.9	12905.4	15337.9
47.5°	16119.1	15553.8	14588.5	12587.9	12359.2	12702.2	13261.1	13508.8	12664.1	12810.2	15477.6
50°	16042.9	15719.0	14505.9	12765.7	13451.6	14359.8	14734.5	14632.9	13413.5	12613.3	15325.2
52.5°	15725.3	15376.0	14760.0	13248.4	14474.2	15572.9	16093.7	15839.6	14080.4	13057.9	15223.6
55°	16188.9	15922.2	15090.2	13902.6	15242.6	16639.9	17008.2	16817.7	14899.7	13470.7	15801.5
57.5°	16690.7	16633.5	15985.7	14671.0	16150.8	17738.6	17738.6	17503.6	15611.0	14067.7	16658.9
60°	17414.7	17541.7	16646.2	15179.1	16462.0	17675.1	18596.0	18322.9	16328.7	15115.6	17630.6
62.5°	17179.7	17586.2	17497.3	16271.5	16817.7	17986.3	18488.0	18691.3	17217.8	16392.2	18926.3
65°	16423.9	16855.8	17490.9	16989.2	16551.0	17230.5	17484.6	18100.6	17662.4	17592.5	19459.8
67.5°	15522.1	15992.1	16385.8	17471.9	16011.1	16462.0	16239.8	16436.6	17179.7	18907.2	19764.6
70°	13553.2	14004.2	14626.6	16398.5	14582.1	14175.7	14118.5	14023.2	15179.1	18437.2	18380.1
72.5°	11146.2	11355.8	12384.6	13331.0	10790.5	10714.3	10803.2	10695.2	12035.3	16690.7	15744.4
75°	8345.3	8554.9	9139.2	10238.0	7348.2	6910.0	7418.1	7919.8	9190.0	12956.2	11311.3
77.5°	6274.9	6541.6	6910.0	7659.4	5392.1	4706.2	4776.0	5252.4	6643.2	10377.7	6338.4
80°	4071.1	4039.3	4750.6	5271.4	4058.4	4185.4	4007.5	4356.9	4814.1	5550.9	3239.1
82.5°	2349.9	2381.7	2680.2	3023.1	2826.2	3232.7	2330.9	3893.2	3435.9	2261.0	1206.7
85°	1321.0	1378.2	1651.3	2095.9	1772.0	1187.7	971.7	1930.7	2159.4	927.3	584.3
87.5°	133.4	114.3	222.3	793.9	482.7	196.9	292.2	463.6	520.8	349.3	171.5
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°	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3
2.5°	9291.7	9291.7	9132.9	8866.1	8758.2	8567.6	8307.2	8389.8	8300.9	7977.0	7894.4
5°	8910.6	8605.7	8275.5	7869.0	7634.0	7151.3	6998.9	6725.8	6770.3	6497.2	6509.9
7.5°	8116.7	7875.4	7316.5	6783.0	6319.3	5900.2	5309.5	5087.2	4871.3	4763.3	4890.3
10°	7653.1	7202.1	6440.0	5741.4	5125.3	4750.6	4356.9	4052.0	3772.6	3563.0	3518.5
12.5°	7316.5	6916.3	5995.4	5144.4	4661.7	4356.9	3994.8	3575.7	3302.6	2940.6	2832.6
15°	7214.8	6725.8	5754.1	4909.4	4439.4	3937.7	3524.9	3112.0	2756.4	2375.3	2241.9
17.5°	7564.2	6998.9	5747.7	4718.9	4058.4	3518.5	2946.9	2483.3	2121.3	1772.0	1689.4
20°	8154.8	7291.1	5931.9	4604.5	3696.3	2972.3	2324.5	1860.9	1454.4	1225.8	1168.6
22.5°	8828.0	7786.4	5951.0	4299.7	3334.3	2426.1	1695.7	1225.8	997.1	889.2	857.4
25°	9653.7	8580.3	6179.6	4052.0	2908.8	1841.8	1206.7	940.0	806.6	743.1	730.4
27.5°	10333.2	9132.9	6427.3	3791.6	2489.6	1365.5	946.3	768.5	698.6	635.1	628.8
30°	11038.2	9768.0	6497.2	3632.8	2127.6	1124.1	812.9	679.6	603.4	571.6	565.2
32.5°	11654.3	10460.3	6719.5	3372.4	1784.7	990.8	736.7	609.7	558.9	508.1	501.7
35°	12448.2	10860.4	6827.4	3232.7	1657.6	895.5	673.2	558.9	482.7	450.9	438.2
37.5°	13299.2	11247.8	6897.3	3124.7	1549.7	838.3	635.1	527.1	457.3	412.8	400.1
40°	14093.1	11794.0	6795.7	2991.4	1467.1	768.5	609.7	489.0	425.5	381.1	362.0
42.5°	14702.8	12327.5	6763.9	2864.3	1378.2	743.1	577.9	470.0	400.1	349.3	343.0
45°	15045.8	12689.5	6541.6	2762.7	1308.3	755.8	565.2	444.6	381.1	336.6	311.2
47.5°	14963.2	12968.9	6598.8	2731.0	1213.1	705.0	558.9	425.5	349.3	311.2	292.2
50°	15420.5	13534.2	6503.5	2629.4	1143.2	635.1	609.7	425.5	343.0	298.5	279.4
52.5°	15496.7	14048.6	6706.8	2445.2	1035.2	584.3	603.4	419.2	330.3	285.8	260.4
55°	16131.8	14645.6	7100.5	2343.6	946.3	508.1	552.5	406.5	298.5	260.4	247.7
57.5°	16995.5	15884.1	7354.6	2248.3	825.6	444.6	463.6	400.1	273.1	241.3	222.3
60°	17827.5	16379.5	7373.6	2076.8	711.3	400.1	362.0	400.1	254.0	215.9	196.9
62.5°	18449.9	16379.5	7246.6	1930.7	622.4	355.7	317.6	381.1	228.6	190.5	177.8
65°	18113.3	15941.3	6916.3	1810.1	565.2	311.2	273.1	292.2	203.2	165.1	152.4
67.5°	17510.0	14575.8	6186.0	1664.0	558.9	273.1	235.0	215.9	177.8	146.1	133.4
70°	16544.6	12734.0	5150.7	1498.9	546.2	247.7	209.6	184.2	158.8	127.0	114.3
72.5°	13331.0	10517.4	4229.8	1403.6	533.5	215.9	177.8	158.8	133.4	108.0	95.3
75°	9234.5	6719.5	3258.1	1200.4	520.8	196.9	165.1	139.7	114.3	88.9	82.6
77.5°	5538.2	4490.2	2102.2	901.9	343.0	158.8	139.7	108.0	95.3	76.2	69.9
80°	2591.2	2121.3	851.0	349.3	165.1	114.3	95.3	82.6	76.2	63.5	57.2
82.5°	1016.2	895.5	412.8	203.2	133.4	88.9	76.2	69.9	63.5	50.8	44.5
85°	546.2	482.7	196.9	139.7	95.3	63.5	63.5	57.2	50.8	44.5	38.1
87.5°	120.7	88.9	82.6	82.6	69.9	50.8	50.8	44.5	38.1	31.8	25.4
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°	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3
2.5°	7850.0	7945.2	7792.8	7888.1	7754.7	7856.3	7869.0	7773.7	7799.1	7926.2	7983.3
5°	6687.7	6624.2	6484.5	6440.0	6446.4	6363.8	6395.6	6440.0	6509.9	6548.0	6662.3
7.5°	4820.5	4966.6	4960.2	5068.2	5074.5	5061.8	4972.9	4782.4	4845.9	4795.1	4858.6
10°	3448.6	3512.2	3632.8	3702.7	3829.7	3759.8	3556.6	3480.4	3442.3	3435.9	3499.5
12.5°	2756.4	2604.0	2591.2	2616.7	2680.2	2597.6	2496.0	2407.1	2451.5	2540.4	2610.3
15°	2134.0	2006.9	1841.8	1816.4	1829.1	1791.0	1683.0	1568.7	1600.5	1689.4	1740.2
17.5°	1638.6	1492.5	1378.2	1302.0	1276.6	1143.2	984.4	889.2	863.7	857.4	901.9
20°	1105.1	1079.7	1060.6	965.4	965.4	774.8	641.5	571.6	571.6	584.3	590.7
22.5°	825.6	793.9	800.2	781.2	730.4	577.9	508.1	489.0	489.0	501.7	501.7
25°	717.7	673.2	660.5	654.2	603.4	495.4	444.6	425.5	425.5	438.2	438.2
27.5°	609.7	597.0	577.9	552.5	508.1	425.5	393.8	374.7	381.1	387.4	381.1
30°	558.9	527.1	501.7	501.7	450.9	381.1	355.7	343.0	330.3	343.0	349.3
32.5°	495.4	476.3	463.6	444.6	387.4	336.6	311.2	298.5	292.2	292.2	298.5
35°	425.5	425.5	412.8	387.4	336.6	304.9	273.1	260.4	254.0	260.4	260.4
37.5°	381.1	362.0	368.4	343.0	298.5	266.7	235.0	222.3	222.3	215.9	222.3
40°	355.7	323.9	304.9	292.2	266.7	228.6	203.2	190.5	184.2	184.2	184.2
42.5°	317.6	292.2	254.0	247.7	241.3	196.9	165.1	158.8	152.4	146.1	146.1
45°	298.5	260.4	228.6	196.9	196.9	165.1	139.7	127.0	120.7	114.3	120.7
47.5°	273.1	235.0	196.9	165.1	158.8	133.4	108.0	95.3	88.9	88.9	88.9
50°	260.4	209.6	171.5	139.7	120.7	108.0	82.6	69.9	63.5	63.5	63.5
52.5°	241.3	196.9	152.4	120.7	95.3	82.6	63.5	50.8	44.5	44.5	44.5
55°	215.9	177.8	133.4	101.6	82.6	63.5	44.5	31.8	25.4	25.4	25.4
57.5°	203.2	158.8	114.3	88.9	63.5	44.5	25.4	19.1	19.1	12.7	19.1
60°	184.2	139.7	95.3	69.9	50.8	31.8	19.1	6.4	6.4	6.4	6.4
62.5°	158.8	120.7	82.6	57.2	38.1	19.1	6.4	0.0	0.0	0.0	0.0
65°	133.4	95.3	63.5	44.5	25.4	6.4	0.0	0.0	0.0	0.0	0.0
67.5°	114.3	82.6	50.8	31.8	19.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	101.6	69.9	38.1	25.4	6.4	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	82.6	57.2	31.8	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	69.9	44.5	19.1	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	57.2	31.8	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	44.5	25.4	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	38.1	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	25.4	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.1	6.4	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

TEST NUMBER: P599392
 CATALOG NUMBER: IFLD-L-SA7C-722-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3	8942.3
2.5°	8065.9	8027.8	8218.3	8529.5	8688.3	8999.5	9075.7	9272.6	9221.8	9291.7
5°	6675.0	6751.2	7030.7	7487.9	7653.1	8104.0	8529.5	8955.0	9228.1	9361.5
7.5°	4953.9	5207.9	5550.9	5970.0	6395.6	6986.2	7710.2	8205.6	8472.4	8758.2
10°	3690.0	3963.1	4356.9	4769.7	5461.9	6122.5	6846.5	7462.5	7691.2	7957.9
12.5°	2902.5	3328.0	3785.3	4229.8	4642.7	5271.4	6166.9	7062.4	7310.1	7513.3
15°	2019.6	2540.4	3194.6	3772.6	4350.5	4896.7	5824.0	6910.0	7246.6	7589.6
17.5°	1117.8	1530.6	2280.0	3093.0	3944.0	4782.4	5938.3	7189.4	7697.5	7938.9
20°	647.8	812.9	1346.4	2311.8	3435.9	4534.7	5995.4	7716.6	8389.8	8510.5
22.5°	533.5	590.7	762.1	1448.1	2813.5	4375.9	6287.6	8453.3	9139.2	9425.0
25°	457.3	501.7	590.7	870.1	2127.6	4039.3	6471.8	9374.2	10009.3	10320.5
27.5°	406.5	450.9	520.8	641.5	1448.1	3575.7	6776.6	10206.2	10841.3	11266.8
30°	355.7	393.8	463.6	546.2	1003.5	3054.9	7037.0	10815.9	11711.4	11844.8
32.5°	317.6	349.3	400.1	470.0	743.1	2318.2	7246.6	11444.7	12200.5	12492.6
35°	273.1	311.2	343.0	400.1	565.2	1746.6	7119.6	11933.7	12918.1	13267.4
37.5°	241.3	266.7	298.5	336.6	476.3	1365.5	6859.2	12518.0	13534.2	13858.1
40°	203.2	222.3	260.4	298.5	431.9	1054.3	6560.7	13223.0	14397.9	14969.5
42.5°	171.5	190.5	215.9	279.4	355.7	781.2	5957.3	13769.2	15096.6	15579.2
45°	133.4	158.8	196.9	279.4	285.8	577.9	5334.9	14175.7	15490.3	15731.7
47.5°	101.6	127.0	190.5	241.3	228.6	400.1	4598.2	14639.3	15896.8	16119.1
50°	76.2	101.6	215.9	209.6	190.5	304.9	4134.6	14963.2	15922.2	16042.9
52.5°	50.8	76.2	177.8	158.8	158.8	266.7	4007.5	14950.5	15985.7	15725.3
55°	38.1	57.2	101.6	114.3	139.7	235.0	3893.2	15426.8	16004.8	16188.9
57.5°	25.4	44.5	69.9	88.9	120.7	203.2	3658.2	15998.4	16595.4	16690.7
60°	12.7	31.8	50.8	69.9	101.6	177.8	3328.0	16417.6	17313.1	17414.7
62.5°	6.4	19.1	38.1	57.2	82.6	139.7	2985.0	15750.7	17001.9	17179.7
65°	0.0	12.7	25.4	38.1	50.8	101.6	2426.1	14220.1	15769.8	16423.9
67.5°	0.0	0.0	12.7	25.4	31.8	76.2	1829.1	12937.2	14632.9	15522.1
70°	0.0	0.0	6.4	6.4	19.1	57.2	1168.6	10714.3	13064.2	13553.2
72.5°	0.0	0.0	0.0	0.0	6.4	38.1	679.6	7957.9	10238.0	11146.2
75°	0.0	0.0	0.0	0.0	0.0	31.8	343.0	5119.0	7125.9	8345.3
77.5°	0.0	0.0	0.0	0.0	0.0	25.4	184.2	3302.6	5252.4	6274.9
80°	0.0	0.0	0.0	0.0	0.0	6.4	108.0	1918.0	3359.7	4071.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	44.5	940.0	2006.9	2349.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	12.7	501.7	1003.5	1321.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.1	69.9	133.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)