

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: P599623

Luminaire Tested: **IFLD-L-SA7B-830-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: P599623
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7B-830-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (112) 3000K CCT, 80 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

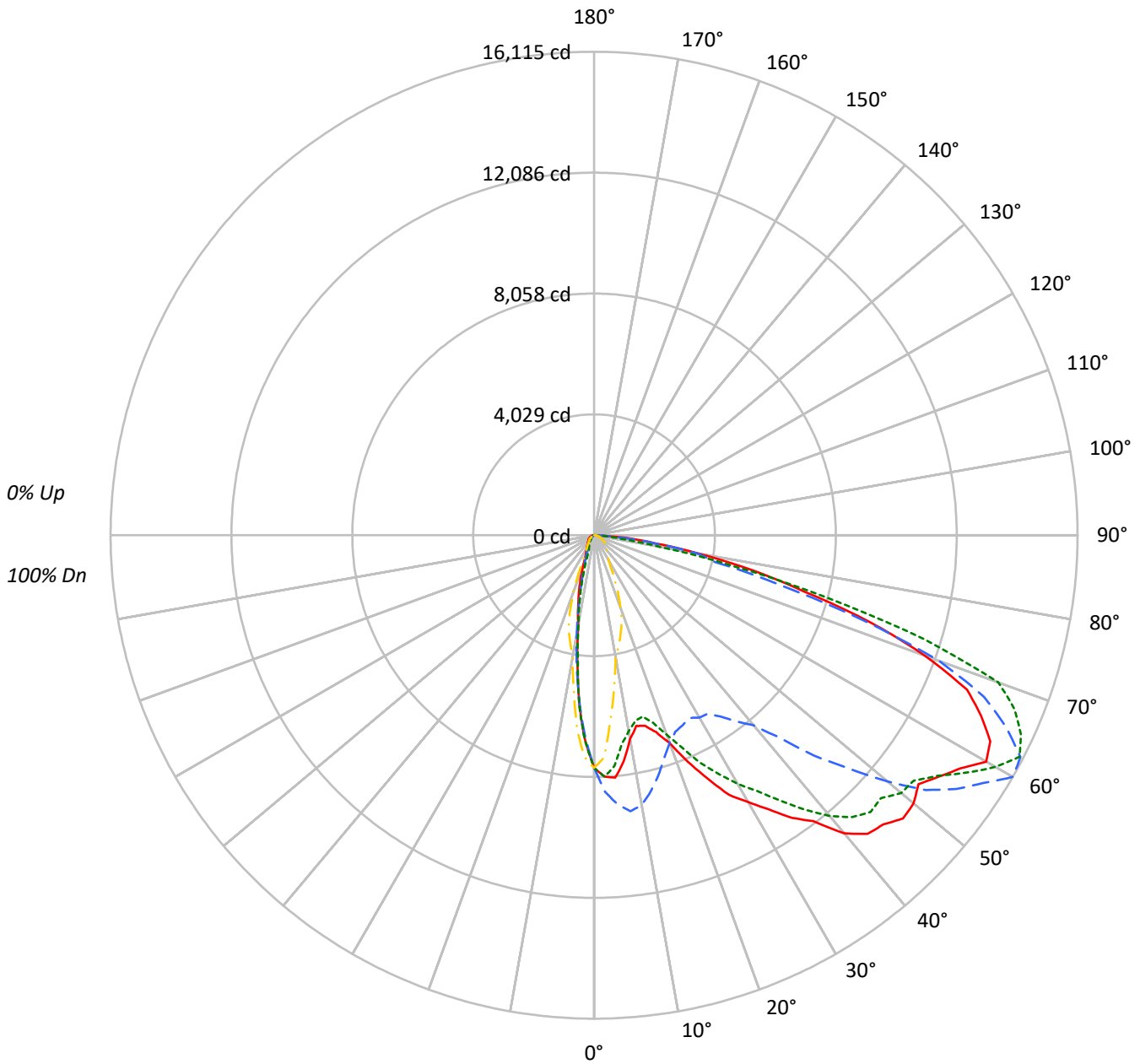
Lumens per Lamp: N/A
 Luminaire Lumens: 20610.1 lumens
 Efficiency: N/A
 Efficacy: 73.3 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 281
 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	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°	41706	41706	41706	41706
5°	43828	41717	30477	30655
10°	37688	36244	16663	16272
15°	36646	34836	10825	8157
20°	42239	40474	5800	2900
25°	53110	49678	3758	2255
30°	63789	59445	3044	1847
35°	75539	70874	2495	1483
40°	91139	85803	2204	1121
45°	103762	99238	2053	754
50°	116403	111886	2028	461
55°	131636	131172	2014	206
60°	162440	166292	1836	59
65°	181249	199893	1682	0
70°	184817	225607	1559	0
75°	150382	166404	1487	0
80°	109342	69596	1534	0
85°	70693	29227	2038	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	588.7	2.9
10°-20°	1154.4	5.6
20°-30°	1597.5	7.8
30°-40°	2257.7	11.0
40°-50°	3073.9	14.9
50°-60°	4071.2	19.8
60°-70°	4727.0	22.9
70°-80°	2676.9	13.0
80°-90°	462.5	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°	3340.7	16.2
0°-40°	5598.4	27.2
0°-60°	12743.6	61.8
0°-90°	20610.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	20610.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7749	7749	7749	7749	7749	
5°	8112	7722	5641	5674	8112	729
15°	6577	6252	1943	1464	6577	1929
25°	8944	8366	633	380	8944	4171
35°	11497	10787	380	226	11497	7248
45°	13633	13038	270	99	13633	10569
55°	14029	13980	215	22	14029	12710
65°	14233	15697	132	0	14233	13874
75°	7232	8002	72	0	7232	7893
85°	1145	473	33	0	1145	1375
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°	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2
2.5°	8052.0	8222.6	8228.1	8305.1	8382.2	8382.2	8563.8	8519.8	8360.2	8332.6	8217.1
5°	8112.5	8173.0	8217.1	8607.8	8938.1	8905.0	9004.1	8938.1	8629.8	8233.6	7963.9
7.5°	7589.6	7655.7	7831.8	8497.8	8943.6	9092.2	9279.3	8866.5	8541.8	7826.3	7308.9
10°	6896.2	7022.8	7347.5	8107.0	8657.4	9130.7	9130.7	8800.5	8173.0	7474.1	6841.1
12.5°	6510.9	6764.1	6940.2	7710.7	8426.2	8750.9	8739.9	8563.8	8156.5	7275.9	6560.4
15°	6577.0	6648.5	7022.8	7622.7	8096.0	8079.5	8277.6	8222.6	7936.4	7452.0	6665.0
17.5°	6879.7	6989.7	7314.5	7622.7	7848.3	7782.3	7776.8	8040.9	8057.5	7749.2	7055.8
20°	7375.0	7699.7	7853.8	7947.4	7672.2	7391.5	7358.5	7727.2	8013.4	8129.0	7523.6
22.5°	8167.5	8382.2	8695.9	8217.1	7501.6	7149.3	7083.3	7490.6	8068.5	8580.3	8129.0
25°	8943.6	9108.7	9411.4	8795.0	7694.2	7099.8	6984.2	7336.5	8277.6	9207.7	8861.0
27.5°	9763.6	9906.7	9939.7	9218.7	7798.8	7000.7	6863.1	7336.5	8453.7	9538.0	9736.1
30°	10264.5	10435.1	10468.1	9593.0	7969.4	7083.3	7017.3	7369.5	8574.8	9818.6	10363.5
32.5°	10825.8	10869.9	10842.3	9659.0	8156.5	7325.5	7050.3	7589.6	8712.4	10154.4	10935.9
35°	11497.3	11574.3	11293.6	9961.7	8574.8	7479.6	7380.5	7859.3	8949.1	10308.5	11629.4
37.5°	12009.1	12251.3	11618.4	10077.3	8657.4	7804.3	7820.8	8420.7	9114.2	10495.6	12394.4
40°	12972.3	12565.0	12168.7	10473.6	8971.1	8354.7	8266.6	8998.6	9670.0	10616.7	12895.2
42.5°	13500.6	13286.0	12383.4	10512.1	9455.4	9114.2	9136.2	9653.5	9961.7	10957.9	13032.8
45°	13632.7	13407.1	12675.1	10539.6	9934.2	10011.3	10391.0	10490.1	10391.0	11183.6	13291.5
47.5°	13968.5	13478.6	12642.1	10908.4	10710.3	11007.5	11491.8	11706.4	10974.4	11101.0	13412.6
50°	13902.4	13621.7	12570.5	11062.5	11656.9	12443.9	12768.6	12680.6	11623.9	10930.4	13280.5
52.5°	13627.2	13324.5	12790.7	11480.8	12543.0	13495.1	13946.4	13726.3	12201.8	11315.7	13192.4
55°	14029.0	13797.8	13076.9	12047.7	13208.9	14419.8	14739.0	14573.9	12911.7	11673.4	13693.3
57.5°	14463.8	14414.3	13852.9	12713.6	13996.0	15371.9	15371.9	15168.3	13528.2	12190.8	14436.3
60°	15091.2	15201.3	14425.3	13153.9	14265.7	15316.9	16114.9	15878.3	14150.1	13098.9	15278.3
62.5°	14887.6	15239.8	15162.8	14100.5	14573.9	15586.6	16021.3	16197.5	14920.6	14205.1	16401.1
65°	14232.6	14606.9	15157.3	14722.5	14342.7	14931.6	15151.8	15685.6	15305.9	15245.3	16863.4
67.5°	13451.1	13858.4	14199.6	15140.8	13874.9	14265.7	14073.0	14243.6	14887.6	16384.6	17127.6
70°	11745.0	12135.7	12675.1	14210.6	12636.6	12284.3	12234.8	12152.2	13153.9	15977.3	15927.8
72.5°	9659.0	9840.7	10732.3	11552.3	9350.8	9284.8	9361.8	9268.3	10429.6	14463.8	13643.7
75°	7231.9	7413.5	7919.9	8872.0	6367.8	5988.1	6428.4	6863.1	7963.9	11227.6	9802.1
77.5°	5437.7	5668.8	5988.1	6637.5	4672.7	4078.3	4138.8	4551.6	5756.9	8993.1	5492.7
80°	3527.9	3500.4	4116.8	4568.1	3516.9	3627.0	3472.9	3775.6	4171.8	4810.3	2806.9
82.5°	2036.4	2063.9	2322.6	2619.8	2449.2	2801.4	2019.9	3373.8	2977.5	1959.3	1045.7
85°	1144.8	1194.3	1431.0	1816.2	1535.5	1029.2	842.1	1673.1	1871.3	803.5	506.3
87.5°	115.6	99.1	192.6	688.0	418.3	170.6	253.2	401.8	451.3	302.7	148.6
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°	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2
2.5°	8052.0	8052.0	7914.4	7683.2	7589.6	7424.5	7198.9	7270.4	7193.4	6912.7	6841.1
5°	7721.7	7457.6	7171.4	6819.1	6615.5	6197.2	6065.1	5828.4	5867.0	5630.3	5641.3
7.5°	7033.8	6824.6	6340.3	5878.0	5476.2	5113.0	4601.1	4408.5	4221.4	4127.8	4237.9
10°	6632.0	6241.2	5580.8	4975.4	4441.5	4116.8	3775.6	3511.4	3269.2	3087.6	3049.1
12.5°	6340.3	5993.6	5195.5	4458.0	4039.7	3775.6	3461.8	3098.6	2861.9	2548.2	2454.7
15°	6252.2	5828.4	4986.4	4254.4	3847.1	3412.3	3054.6	2696.8	2388.6	2058.4	1942.8
17.5°	6554.9	6065.1	4980.9	4089.3	3516.9	3049.1	2553.7	2152.0	1838.2	1535.5	1464.0
20°	7066.8	6318.3	5140.5	3990.2	3203.2	2575.7	2014.4	1612.6	1260.4	1062.2	1012.7
22.5°	7650.2	6747.6	5157.0	3726.0	2889.5	2102.4	1469.5	1062.2	864.1	770.5	743.0
25°	8365.7	7435.5	5355.1	3511.4	2520.7	1596.1	1045.7	814.6	699.0	643.9	632.9
27.5°	8954.6	7914.4	5569.8	3285.7	2157.5	1183.3	820.1	666.0	605.4	550.4	544.9
30°	9565.5	8464.7	5630.3	3148.1	1843.7	974.2	704.5	588.9	522.9	495.3	489.8
32.5°	10099.3	9064.6	5822.9	2922.5	1546.5	858.6	638.4	528.4	484.3	440.3	434.8
35°	10787.3	9411.4	5916.5	2801.4	1436.5	776.0	583.4	484.3	418.3	390.8	379.8
37.5°	11524.8	9747.1	5977.0	2707.8	1342.9	726.5	550.4	456.8	396.3	357.7	346.7
40°	12212.8	10220.4	5889.0	2592.3	1271.4	666.0	528.4	423.8	368.7	330.2	313.7
42.5°	12741.1	10682.7	5861.5	2482.2	1194.3	643.9	500.8	407.3	346.7	302.7	297.2
45°	13038.3	10996.4	5668.8	2394.1	1133.8	654.9	489.8	385.3	330.2	291.7	269.7
47.5°	12966.8	11238.6	5718.4	2366.6	1051.2	610.9	484.3	368.7	302.7	269.7	253.2
50°	13363.0	11728.4	5635.8	2278.5	990.7	550.4	528.4	368.7	297.2	258.7	242.2
52.5°	13429.1	12174.2	5811.9	2118.9	897.1	506.3	522.9	363.2	286.2	247.7	225.7
55°	13979.5	12691.6	6153.2	2030.9	820.1	440.3	478.8	352.2	258.7	225.7	214.6
57.5°	14728.0	13764.8	6373.3	1948.3	715.5	385.3	401.8	346.7	236.7	209.1	192.6
60°	15449.0	14194.1	6389.8	1799.7	616.4	346.7	313.7	346.7	220.1	187.1	170.6
62.5°	15988.3	14194.1	6279.8	1673.1	539.4	308.2	275.2	330.2	198.1	165.1	154.1
65°	15696.6	13814.4	5993.6	1568.6	489.8	269.7	236.7	253.2	176.1	143.1	132.1
67.5°	15173.8	12631.1	5360.6	1442.0	484.3	236.7	203.6	187.1	154.1	126.6	115.6
70°	14337.2	11035.0	4463.5	1298.9	473.3	214.6	181.6	159.6	137.6	110.1	99.1
72.5°	11552.3	9114.2	3665.5	1216.3	462.3	187.1	154.1	137.6	115.6	93.6	82.6
75°	8002.4	5822.9	2823.4	1040.2	451.3	170.6	143.1	121.1	99.1	77.1	71.5
77.5°	4799.2	3891.1	1821.7	781.5	297.2	137.6	121.1	93.6	82.6	66.0	60.5
80°	2245.5	1838.2	737.5	302.7	143.1	99.1	82.6	71.5	66.0	55.0	49.5
82.5°	880.6	776.0	357.7	176.1	115.6	77.1	66.0	60.5	55.0	44.0	38.5
85°	473.3	418.3	170.6	121.1	82.6	55.0	55.0	49.5	44.0	38.5	33.0
87.5°	104.6	77.1	71.5	71.5	60.5	44.0	44.0	38.5	33.0	27.5	22.0
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°	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2
2.5°	6802.6	6885.2	6753.1	6835.6	6720.1	6808.1	6819.1	6736.6	6758.6	6868.7	6918.2
5°	5795.4	5740.4	5619.3	5580.8	5586.3	5514.7	5542.3	5580.8	5641.3	5674.3	5773.4
7.5°	4177.3	4303.9	4298.4	4392.0	4397.5	4386.5	4309.4	4144.3	4199.3	4155.3	4210.4
10°	2988.5	3043.6	3148.1	3208.7	3318.7	3258.2	3082.1	3016.0	2983.0	2977.5	3032.6
12.5°	2388.6	2256.5	2245.5	2267.5	2322.6	2251.0	2163.0	2085.9	2124.4	2201.5	2262.0
15°	1849.3	1739.2	1596.1	1574.1	1585.1	1552.1	1458.5	1359.4	1386.9	1464.0	1508.0
17.5°	1420.0	1293.4	1194.3	1128.3	1106.2	990.7	853.1	770.5	748.5	743.0	781.5
20°	957.6	935.6	919.1	836.6	836.6	671.5	555.9	495.3	495.3	506.3	511.8
22.5°	715.5	688.0	693.5	677.0	632.9	500.8	440.3	423.8	423.8	434.8	434.8
25°	621.9	583.4	572.4	566.9	522.9	429.3	385.3	368.7	368.7	379.8	379.8
27.5°	528.4	517.4	500.8	478.8	440.3	368.7	341.2	324.7	330.2	335.7	330.2
30°	484.3	456.8	434.8	434.8	390.8	330.2	308.2	297.2	286.2	297.2	302.7
32.5°	429.3	412.8	401.8	385.3	335.7	291.7	269.7	258.7	253.2	253.2	258.7
35°	368.7	368.7	357.7	335.7	291.7	264.2	236.7	225.7	220.1	225.7	225.7
37.5°	330.2	313.7	319.2	297.2	258.7	231.2	203.6	192.6	192.6	187.1	192.6
40°	308.2	280.7	264.2	253.2	231.2	198.1	176.1	165.1	159.6	159.6	159.6
42.5°	275.2	253.2	220.1	214.6	209.1	170.6	143.1	137.6	132.1	126.6	126.6
45°	258.7	225.7	198.1	170.6	170.6	143.1	121.1	110.1	104.6	99.1	104.6
47.5°	236.7	203.6	170.6	143.1	137.6	115.6	93.6	82.6	77.1	77.1	77.1
50°	225.7	181.6	148.6	121.1	104.6	93.6	71.5	60.5	55.0	55.0	55.0
52.5°	209.1	170.6	132.1	104.6	82.6	71.5	55.0	44.0	38.5	38.5	38.5
55°	187.1	154.1	115.6	88.1	71.5	55.0	38.5	27.5	22.0	22.0	22.0
57.5°	176.1	137.6	99.1	77.1	55.0	38.5	22.0	16.5	16.5	11.0	16.5
60°	159.6	121.1	82.6	60.5	44.0	27.5	16.5	5.5	5.5	5.5	5.5
62.5°	137.6	104.6	71.5	49.5	33.0	16.5	5.5	0.0	0.0	0.0	0.0
65°	115.6	82.6	55.0	38.5	22.0	5.5	0.0	0.0	0.0	0.0	0.0
67.5°	99.1	71.5	44.0	27.5	16.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	88.1	60.5	33.0	22.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	71.5	49.5	27.5	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	60.5	38.5	16.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	49.5	27.5	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	38.5	22.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	33.0	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	22.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.5	5.5	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: P599623
 CATALOG NUMBER: IFLD-L-SA7B-830-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2	7749.2
2.5°	6989.7	6956.7	7121.8	7391.5	7529.1	7798.8	7864.8	8035.4	7991.4	8052.0
5°	5784.4	5850.5	6092.6	6488.9	6632.0	7022.8	7391.5	7760.3	7996.9	8112.5
7.5°	4292.9	4513.1	4810.3	5173.5	5542.3	6054.1	6681.5	7110.8	7342.0	7589.6
10°	3197.7	3434.3	3775.6	4133.3	4733.2	5305.6	5933.0	6466.9	6665.0	6896.2
12.5°	2515.2	2884.0	3280.2	3665.5	4023.2	4568.1	5344.1	6120.1	6334.8	6510.9
15°	1750.2	2201.5	2768.4	3269.2	3770.1	4243.4	5046.9	5988.1	6279.8	6577.0
17.5°	968.7	1326.4	1975.8	2680.3	3417.8	4144.3	5146.0	6230.2	6670.5	6879.7
20°	561.4	704.5	1166.8	2003.4	2977.5	3929.7	5195.5	6687.0	7270.4	7375.0
22.5°	462.3	511.8	660.4	1254.8	2438.2	3792.1	5448.7	7325.5	7919.9	8167.5
25°	396.3	434.8	511.8	754.0	1843.7	3500.4	5608.3	8123.5	8673.9	8943.6
27.5°	352.2	390.8	451.3	555.9	1254.8	3098.6	5872.5	8844.5	9394.9	9763.6
30°	308.2	341.2	401.8	473.3	869.6	2647.3	6098.1	9372.8	10148.9	10264.5
32.5°	275.2	302.7	346.7	407.3	643.9	2008.9	6279.8	9917.7	10572.7	10825.8
35°	236.7	269.7	297.2	346.7	489.8	1513.5	6169.7	10341.5	11194.6	11497.3
37.5°	209.1	231.2	258.7	291.7	412.8	1183.3	5944.0	10847.8	11728.4	12009.1
40°	176.1	192.6	225.7	258.7	374.3	913.6	5685.3	11458.8	12476.9	12972.3
42.5°	148.6	165.1	187.1	242.2	308.2	677.0	5162.5	11932.1	13082.4	13500.6
45°	115.6	137.6	170.6	242.2	247.7	500.8	4623.1	12284.3	13423.6	13632.7
47.5°	88.1	110.1	165.1	209.1	198.1	346.7	3984.7	12686.1	13775.8	13968.5
50°	66.0	88.1	187.1	181.6	165.1	264.2	3582.9	12966.8	13797.8	13902.4
52.5°	44.0	66.0	154.1	137.6	137.6	231.2	3472.9	12955.8	13852.9	13627.2
55°	33.0	49.5	88.1	99.1	121.1	203.6	3373.8	13368.6	13869.4	14029.0
57.5°	22.0	38.5	60.5	77.1	104.6	176.1	3170.1	13863.9	14381.2	14463.8
60°	11.0	27.5	44.0	60.5	88.1	154.1	2884.0	14227.1	15003.2	15091.2
62.5°	5.5	16.5	33.0	49.5	71.5	121.1	2586.8	13649.2	14733.5	14887.6
65°	0.0	11.0	22.0	33.0	44.0	88.1	2102.4	12322.8	13665.8	14232.6
67.5°	0.0	0.0	11.0	22.0	27.5	66.0	1585.1	11211.1	12680.6	13451.1
70°	0.0	0.0	5.5	5.5	16.5	49.5	1012.7	9284.8	11321.2	11745.0
72.5°	0.0	0.0	0.0	0.0	5.5	33.0	588.9	6896.2	8872.0	9659.0
75°	0.0	0.0	0.0	0.0	0.0	27.5	297.2	4436.0	6175.2	7231.9
77.5°	0.0	0.0	0.0	0.0	0.0	22.0	159.6	2861.9	4551.6	5437.7
80°	0.0	0.0	0.0	0.0	0.0	5.5	93.6	1662.1	2911.5	3527.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	38.5	814.6	1739.2	2036.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	11.0	434.8	869.6	1144.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	60.5	115.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)