

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: P599613

Luminaire Tested: **IFLD-S-SA6B-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: P599613
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6B-830-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (96) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

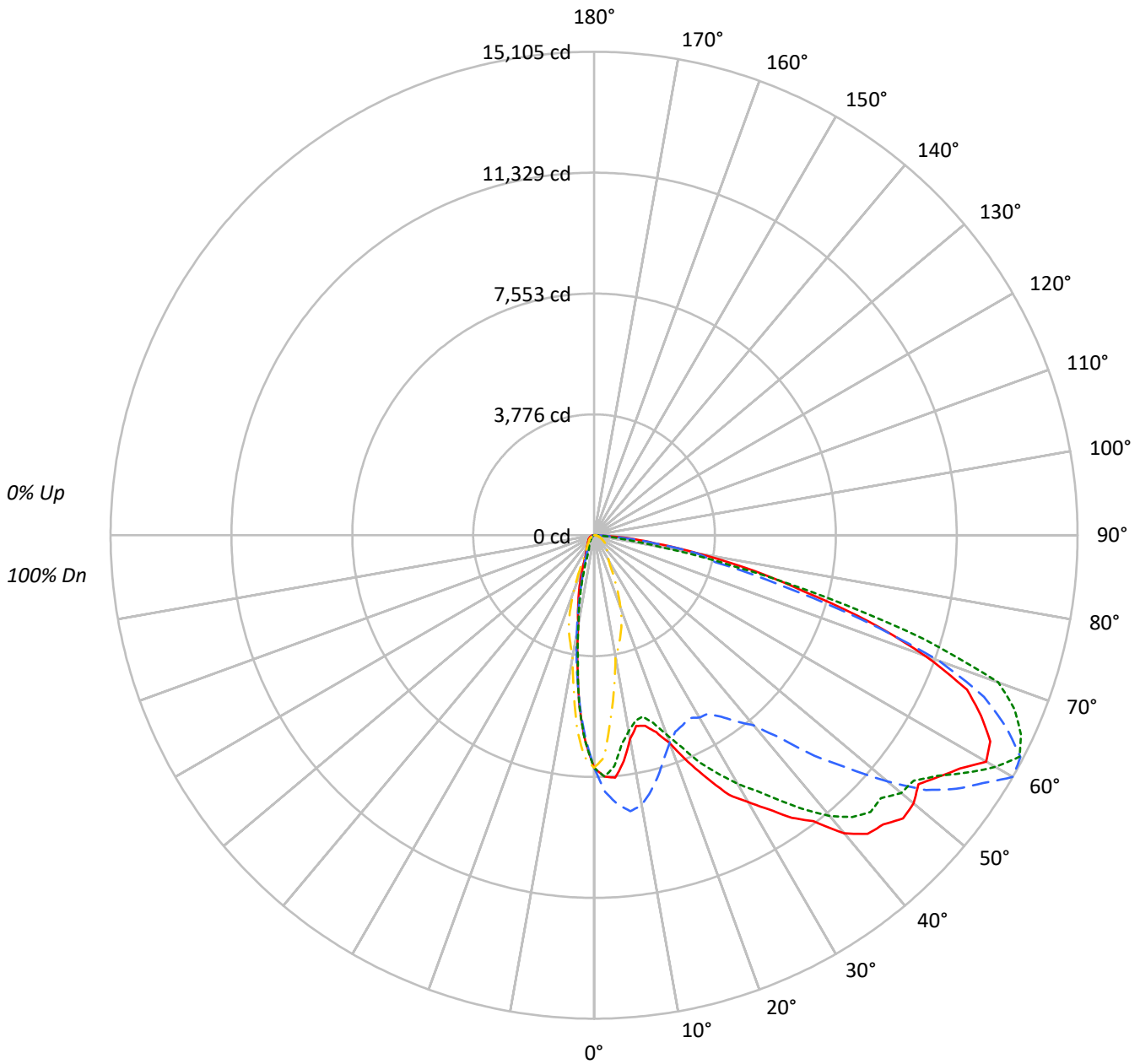
Lumens per Lamp: N/A
 Luminaire Lumens: 19318.1 lumens
 Efficiency: N/A
 Efficacy: 78.9 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 244.9
 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	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	52122	52122	52122	52122
5°	54774	52136	38089	38312
10°	47100	45296	20824	20336
15°	45798	43537	13528	10194
20°	52789	50583	7249	3624
25°	66374	62085	4698	2819
30°	79720	74291	3804	2308
35°	94405	88575	3119	1853
40°	113901	107232	2754	1401
45°	129676	124023	2565	943
50°	145474	139831	2534	576
55°	164513	163931	2517	258
60°	203010	207822	2295	75
65°	226516	249818	2102	0
70°	230974	281954	1949	0
75°	187942	207965	1860	0
80°	136648	86980	1917	0
85°	88345	36524	2552	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	551.8	2.9
10°-20°	1082.1	5.6
20°-30°	1497.4	7.8
30°-40°	2116.2	11.0
40°-50°	2881.2	14.9
50°-60°	3816.0	19.8
60°-70°	4430.7	22.9
70°-80°	2509.1	13.0
80°-90°	433.5	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°	3131.3	16.2
0°-40°	5247.5	27.2
0°-60°	11944.7	61.8
0°-90°	19318.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19318.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7264	7264	7264	7264	7264	
5°	7604	7238	5288	5319	7604	683
15°	6165	5860	1821	1372	6165	1808
25°	8383	7841	593	356	8383	3910
35°	10777	10111	356	212	10777	6794
45°	12778	12221	253	93	12778	9907
55°	13150	13103	201	21	13150	11914
65°	13340	14713	124	0	13340	13005
75°	6779	7501	67	0	6779	7398
85°	1073	444	31	0	1073	1289
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°	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5
2.5°	7547.2	7707.1	7712.3	7784.5	7856.7	7856.7	8027.0	7985.7	7836.1	7810.3	7702.0
5°	7603.9	7660.7	7702.0	8068.2	8377.8	8346.8	8439.7	8377.8	8088.9	7717.4	7464.7
7.5°	7113.9	7175.8	7340.9	7965.1	8382.9	8522.2	8697.6	8310.7	8006.3	7335.7	6850.8
10°	6463.9	6582.5	6886.9	7598.8	8114.7	8558.3	8558.3	8248.8	7660.7	7005.5	6412.3
12.5°	6102.8	6340.1	6505.1	7227.4	7898.0	8202.4	8192.0	8027.0	7645.2	6819.8	6149.2
15°	6164.7	6231.7	6582.5	7144.8	7588.5	7573.0	7758.7	7707.1	7438.9	6984.9	6247.2
17.5°	6448.4	6551.6	6855.9	7144.8	7356.3	7294.4	7289.3	7536.9	7552.4	7263.5	6613.5
20°	6912.7	7217.0	7361.5	7449.2	7191.3	6928.2	6897.2	7242.8	7511.1	7619.4	7052.0
22.5°	7655.5	7856.7	8150.8	7702.0	7031.3	6701.2	6639.3	7021.0	7562.7	8042.4	7619.4
25°	8382.9	8537.7	8821.4	8243.6	7211.9	6654.7	6546.4	6876.6	7758.7	8630.5	8305.5
27.5°	9151.6	9285.7	9316.6	8640.8	7309.9	6561.9	6432.9	6876.6	7923.8	8940.1	9125.8
30°	9621.0	9780.9	9811.9	8991.6	7469.8	6639.3	6577.4	6907.5	8037.3	9203.1	9713.9
32.5°	10147.2	10188.5	10162.7	9053.5	7645.2	6866.3	6608.3	7113.9	8166.2	9517.8	10250.4
35°	10776.6	10848.8	10585.7	9337.3	8037.3	7010.7	6917.8	7366.6	8388.1	9662.3	10900.4
37.5°	11256.3	11483.3	10890.1	9445.6	8114.7	7315.1	7330.5	7892.8	8542.8	9837.7	11617.4
40°	12159.1	11777.3	11405.9	9817.0	8408.7	7830.9	7748.4	8434.5	9063.9	9951.2	12086.9
42.5°	12654.3	12453.1	11607.1	9853.1	8862.7	8542.8	8563.5	9048.4	9337.3	10271.0	12215.8
45°	12778.1	12566.6	11880.5	9878.9	9311.5	9383.7	9739.7	9832.5	9739.7	10482.5	12458.3
47.5°	13092.8	12633.7	11849.6	10224.6	10038.9	10317.4	10771.4	10972.6	10286.5	10405.1	12571.8
50°	13030.9	12767.8	11782.5	10369.0	10926.2	11663.9	11968.2	11885.7	10895.2	10245.2	12448.0
52.5°	12773.0	12489.3	11988.9	10761.1	11756.7	12649.2	13072.2	12865.8	11436.9	10606.3	12365.4
55°	13149.6	12932.9	12257.1	11292.4	12380.9	13515.8	13815.0	13660.3	12102.3	10941.6	12834.9
57.5°	13557.1	13510.7	12984.5	11916.6	13118.6	14408.3	14408.3	14217.4	12680.1	11426.6	13531.3
60°	14145.2	14248.4	13521.0	12329.3	13371.4	14356.7	15104.7	14882.9	13263.1	12277.7	14320.6
62.5°	13954.3	14284.5	14212.3	13216.6	13660.3	14609.5	15017.0	15182.1	13985.3	13314.6	15373.0
65°	13340.4	13691.2	14207.1	13799.6	13443.6	13995.6	14201.9	14702.3	14346.4	14289.6	15806.3
67.5°	12607.9	12989.6	13309.5	14191.6	13005.1	13371.4	13190.8	13350.8	13954.3	15357.5	16053.9
70°	11008.7	11375.0	11880.5	13319.8	11844.4	11514.3	11467.8	11390.4	12329.3	14975.8	14929.3
72.5°	9053.5	9223.8	10059.5	10828.1	8764.7	8702.8	8775.0	8687.3	9775.8	13557.1	12788.5
75°	6778.6	6948.8	7423.4	8315.9	5968.6	5612.7	6025.4	6432.9	7464.7	10523.8	9187.7
77.5°	5096.8	5313.5	5612.7	6221.4	4379.8	3822.6	3879.4	4266.3	5396.0	8429.3	5148.4
80°	3306.7	3280.9	3858.7	4281.7	3296.4	3399.6	3255.2	3538.9	3910.3	4508.7	2630.9
82.5°	1908.7	1934.5	2177.0	2455.5	2295.6	2625.8	1893.2	3162.3	2790.9	1836.5	980.2
85°	1073.0	1119.4	1341.3	1702.4	1439.3	964.7	789.3	1568.2	1754.0	753.2	474.6
87.5°	108.3	92.9	180.6	644.8	392.1	159.9	237.3	376.6	423.0	283.7	139.3
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5
2.5°	7547.2	7547.2	7418.2	7201.6	7113.9	6959.1	6747.6	6814.7	6742.4	6479.3	6412.3
5°	7237.7	6990.1	6721.8	6391.6	6200.8	5808.7	5684.9	5463.1	5499.2	5277.4	5287.7
7.5°	6592.8	6396.8	5942.8	5509.5	5132.9	4792.4	4312.7	4132.1	3956.7	3869.0	3972.2
10°	6216.3	5850.0	5230.9	4663.5	4163.1	3858.7	3538.9	3291.3	3064.3	2894.0	2857.9
12.5°	5942.8	5617.8	4869.8	4178.6	3786.5	3538.9	3244.8	2904.4	2682.5	2388.5	2300.8
15°	5860.3	5463.1	4673.8	3987.7	3605.9	3198.4	2863.1	2527.8	2238.9	1929.4	1821.0
17.5°	6144.0	5684.9	4668.6	3832.9	3296.4	2857.9	2393.6	2017.1	1723.0	1439.3	1372.2
20°	6623.8	5922.2	4818.2	3740.1	3002.4	2414.3	1888.1	1511.5	1181.3	995.6	949.2
22.5°	7170.6	6324.6	4833.7	3492.5	2708.3	1970.6	1377.4	995.6	809.9	722.2	696.4
25°	7841.2	6969.4	5019.4	3291.3	2362.7	1496.0	980.2	763.5	655.2	603.6	593.3
27.5°	8393.2	7418.2	5220.6	3079.8	2022.2	1109.1	768.6	624.2	567.5	515.9	510.7
30°	8965.8	7934.1	5277.4	2950.8	1728.2	913.1	660.3	552.0	490.1	464.3	459.1
32.5°	9466.2	8496.4	5457.9	2739.3	1449.6	804.8	598.4	495.2	454.0	412.7	407.5
35°	10111.1	8821.4	5545.6	2625.8	1346.4	727.4	546.8	454.0	392.1	366.3	356.0
37.5°	10802.4	9136.1	5602.4	2538.1	1258.7	681.0	515.9	428.2	371.4	335.3	325.0
40°	11447.2	9579.7	5519.8	2429.8	1191.7	624.2	495.2	397.2	345.6	309.5	294.0
42.5°	11942.4	10013.1	5494.0	2326.6	1119.4	603.6	469.4	381.7	325.0	283.7	278.6
45°	12221.0	10307.1	5313.5	2244.0	1062.7	613.9	459.1	361.1	309.5	273.4	252.8
47.5°	12153.9	10534.1	5359.9	2218.2	985.3	572.6	454.0	345.6	283.7	252.8	237.3
50°	12525.4	10993.2	5282.5	2135.7	928.6	515.9	495.2	345.6	278.6	242.5	227.0
52.5°	12587.3	11411.1	5447.6	1986.1	840.9	474.6	490.1	340.5	268.3	232.1	211.5
55°	13103.1	11896.0	5767.4	1903.6	768.6	412.7	448.8	330.2	242.5	211.5	201.2
57.5°	13804.7	12901.9	5973.8	1826.2	670.6	361.1	376.6	325.0	221.8	196.0	180.6
60°	14480.5	13304.3	5989.3	1686.9	577.8	325.0	294.0	325.0	206.3	175.4	159.9
62.5°	14986.1	13304.3	5886.1	1568.2	505.6	288.9	257.9	309.5	185.7	154.8	144.4
65°	14712.7	12948.4	5617.8	1470.2	459.1	252.8	221.8	237.3	165.1	134.1	123.8
67.5°	14222.6	11839.3	5024.6	1351.6	454.0	221.8	190.9	175.4	144.4	118.7	108.3
70°	13438.5	10343.2	4183.7	1217.5	443.6	201.2	170.2	149.6	129.0	103.2	92.9
72.5°	10828.1	8542.8	3435.7	1140.1	433.3	175.4	144.4	129.0	108.3	87.7	77.4
75°	7500.8	5457.9	2646.4	975.0	423.0	159.9	134.1	113.5	92.9	72.2	67.1
77.5°	4498.4	3647.2	1707.5	732.5	278.6	129.0	113.5	87.7	77.4	61.9	56.7
80°	2104.8	1723.0	691.3	283.7	134.1	92.9	77.4	67.1	61.9	51.6	46.4
82.5°	825.4	727.4	335.3	165.1	108.3	72.2	61.9	56.7	51.6	41.3	36.1
85°	443.6	392.1	159.9	113.5	77.4	51.6	51.6	46.4	41.3	36.1	31.0
87.5°	98.0	72.2	67.1	67.1	56.7	41.3	41.3	36.1	31.0	25.8	20.6
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5
2.5°	6376.2	6453.6	6329.7	6407.1	6298.8	6381.3	6391.6	6314.3	6334.9	6438.1	6484.5
5°	5432.1	5380.5	5267.0	5230.9	5236.1	5169.0	5194.8	5230.9	5287.7	5318.6	5411.5
7.5°	3915.5	4034.1	4029.0	4116.7	4121.8	4111.5	4039.3	3884.5	3936.1	3894.8	3946.4
10°	2801.2	2852.8	2950.8	3007.5	3110.7	3054.0	2888.9	2827.0	2796.0	2790.9	2842.5
12.5°	2238.9	2115.1	2104.8	2125.4	2177.0	2109.9	2027.4	1955.2	1991.3	2063.5	2120.2
15°	1733.3	1630.2	1496.0	1475.4	1485.7	1454.8	1367.1	1274.2	1300.0	1372.2	1413.5
17.5°	1330.9	1212.3	1119.4	1057.5	1036.9	928.6	799.6	722.2	701.6	696.4	732.5
20°	897.6	877.0	861.5	784.1	784.1	629.4	521.0	464.3	464.3	474.6	479.8
22.5°	670.6	644.8	650.0	634.5	593.3	469.4	412.7	397.2	397.2	407.5	407.5
25°	582.9	546.8	536.5	531.3	490.1	402.4	361.1	345.6	345.6	356.0	356.0
27.5°	495.2	484.9	469.4	448.8	412.7	345.6	319.8	304.4	309.5	314.7	309.5
30°	454.0	428.2	407.5	407.5	366.3	309.5	288.9	278.6	268.3	278.6	283.7
32.5°	402.4	386.9	376.6	361.1	314.7	273.4	252.8	242.5	237.3	237.3	242.5
35°	345.6	345.6	335.3	314.7	273.4	247.6	221.8	211.5	206.3	211.5	211.5
37.5°	309.5	294.0	299.2	278.6	242.5	216.7	190.9	180.6	180.6	175.4	180.6
40°	288.9	263.1	247.6	237.3	216.7	185.7	165.1	154.8	149.6	149.6	149.6
42.5°	257.9	237.3	206.3	201.2	196.0	159.9	134.1	129.0	123.8	118.7	118.7
45°	242.5	211.5	185.7	159.9	159.9	134.1	113.5	103.2	98.0	92.9	98.0
47.5°	221.8	190.9	159.9	134.1	129.0	108.3	87.7	77.4	72.2	72.2	72.2
50°	211.5	170.2	139.3	113.5	98.0	87.7	67.1	56.7	51.6	51.6	51.6
52.5°	196.0	159.9	123.8	98.0	77.4	67.1	51.6	41.3	36.1	36.1	36.1
55°	175.4	144.4	108.3	82.5	67.1	51.6	36.1	25.8	20.6	20.6	20.6
57.5°	165.1	129.0	92.9	72.2	51.6	36.1	20.6	15.5	15.5	10.3	15.5
60°	149.6	113.5	77.4	56.7	41.3	25.8	15.5	5.2	5.2	5.2	5.2
62.5°	129.0	98.0	67.1	46.4	31.0	15.5	5.2	0.0	0.0	0.0	0.0
65°	108.3	77.4	51.6	36.1	20.6	5.2	0.0	0.0	0.0	0.0	0.0
67.5°	92.9	67.1	41.3	25.8	15.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	82.5	56.7	31.0	20.6	5.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	67.1	46.4	25.8	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	56.7	36.1	15.5	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	46.4	25.8	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	36.1	20.6	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	31.0	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	20.6	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.5	5.2	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: P599613
 CATALOG NUMBER: IFLD-S-SA6B-830-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5	7263.5
2.5°	6551.6	6520.6	6675.4	6928.2	7057.1	7309.9	7371.8	7531.7	7490.5	7547.2
5°	5421.8	5483.7	5710.7	6082.1	6216.3	6582.5	6928.2	7273.8	7495.6	7603.9
7.5°	4023.8	4230.1	4508.7	4849.2	5194.8	5674.6	6262.7	6665.1	6881.7	7113.9
10°	2997.2	3219.0	3538.9	3874.2	4436.5	4973.0	5561.1	6061.5	6247.2	6463.9
12.5°	2357.5	2703.2	3074.6	3435.7	3771.0	4281.7	5009.1	5736.5	5937.7	6102.8
15°	1640.5	2063.5	2594.8	3064.3	3533.7	3977.4	4730.5	5612.7	5886.1	6164.7
17.5°	907.9	1243.3	1852.0	2512.3	3203.6	3884.5	4823.4	5839.7	6252.4	6448.4
20°	526.2	660.3	1093.6	1877.8	2790.9	3683.3	4869.8	6267.8	6814.7	6912.7
22.5°	433.3	479.8	619.0	1176.2	2285.3	3554.4	5107.1	6866.3	7423.4	7655.5
25°	371.4	407.5	479.8	706.7	1728.2	3280.9	5256.7	7614.3	8130.1	8382.9
27.5°	330.2	366.3	423.0	521.0	1176.2	2904.4	5504.4	8290.1	8805.9	9151.6
30°	288.9	319.8	376.6	443.6	815.1	2481.3	5715.9	8785.3	9512.7	9621.0
32.5°	257.9	283.7	325.0	381.7	603.6	1882.9	5886.1	9296.0	9909.9	10147.2
35°	221.8	252.8	278.6	325.0	459.1	1418.6	5782.9	9693.2	10492.8	10776.6
37.5°	196.0	216.7	242.5	273.4	386.9	1109.1	5571.4	10167.8	10993.2	11256.3
40°	165.1	180.6	211.5	242.5	350.8	856.3	5329.0	10740.4	11694.8	12159.1
42.5°	139.3	154.8	175.4	227.0	288.9	634.5	4838.9	11184.1	12262.3	12654.3
45°	108.3	129.0	159.9	227.0	232.1	469.4	4333.3	11514.3	12582.1	12778.1
47.5°	82.5	103.2	154.8	196.0	185.7	325.0	3734.9	11890.8	12912.3	13092.8
50°	61.9	82.5	175.4	170.2	154.8	247.6	3358.3	12153.9	12932.9	13030.9
52.5°	41.3	61.9	144.4	129.0	129.0	216.7	3255.2	12143.6	12984.5	12773.0
55°	31.0	46.4	82.5	92.9	113.5	190.9	3162.3	12530.5	13000.0	13149.6
57.5°	20.6	36.1	56.7	72.2	98.0	165.1	2971.4	12994.8	13479.7	13557.1
60°	10.3	25.8	41.3	56.7	82.5	144.4	2703.2	13335.3	14062.7	14145.2
62.5°	5.2	15.5	31.0	46.4	67.1	113.5	2424.6	12793.6	13809.9	13954.3
65°	0.0	10.3	20.6	31.0	41.3	82.5	1970.6	11550.4	12809.1	13340.4
67.5°	0.0	0.0	10.3	20.6	25.8	61.9	1485.7	10508.3	11885.7	12607.9
70°	0.0	0.0	5.2	5.2	15.5	46.4	949.2	8702.8	10611.5	11008.7
72.5°	0.0	0.0	0.0	0.0	5.2	31.0	552.0	6463.9	8315.9	9053.5
75°	0.0	0.0	0.0	0.0	0.0	25.8	278.6	4157.9	5788.1	6778.6
77.5°	0.0	0.0	0.0	0.0	0.0	20.6	149.6	2682.5	4266.3	5096.8
80°	0.0	0.0	0.0	0.0	0.0	5.2	87.7	1557.9	2729.0	3306.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	36.1	763.5	1630.2	1908.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	10.3	407.5	815.1	1073.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	56.7	108.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)