

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: P599618

Luminaire Tested: **IFLD-M-SA4B-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: P599618
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4B-830-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (64) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

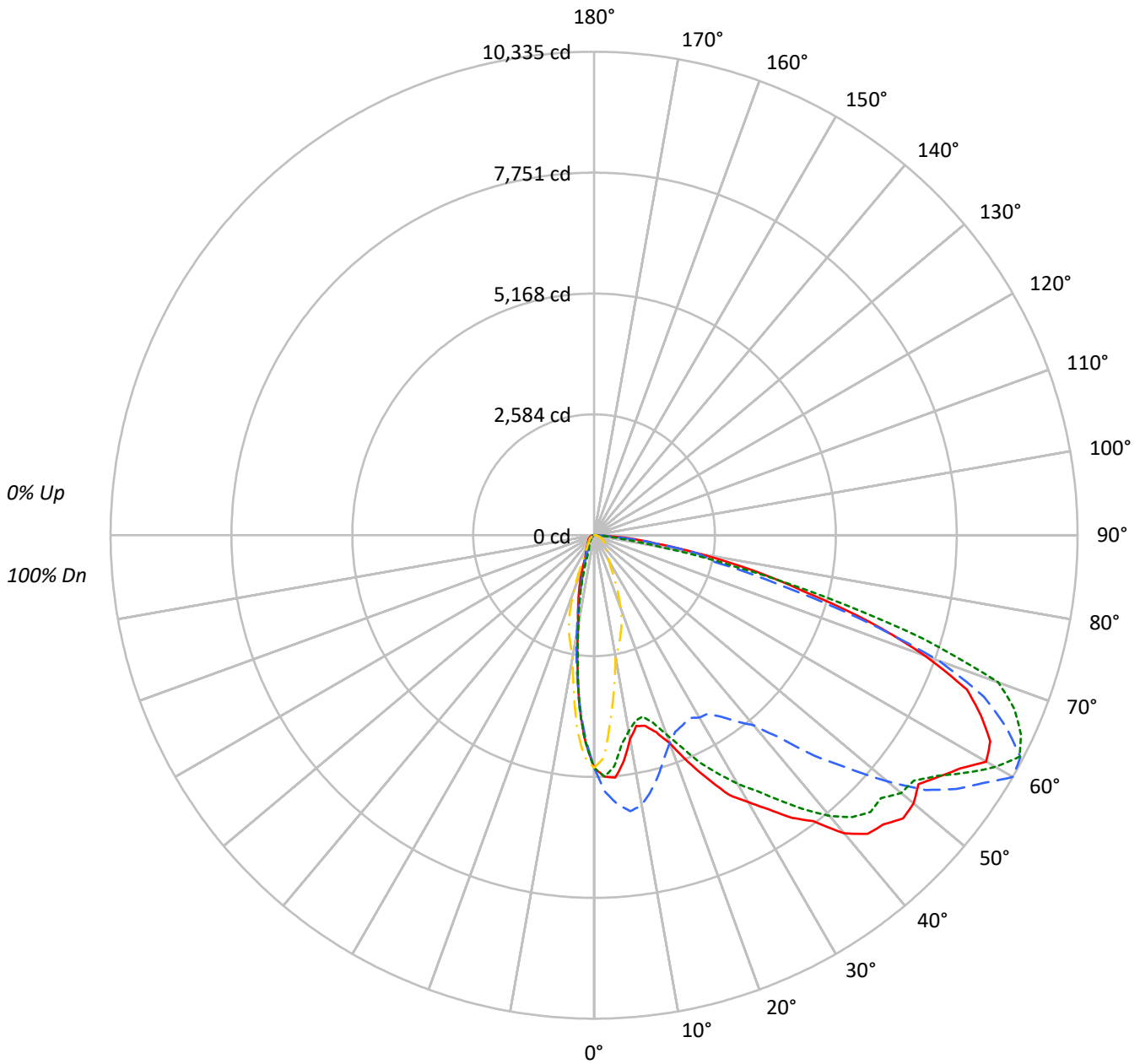
Lumens per Lamp: N/A
 Luminaire Lumens: 13218.1 lumens
 Efficiency: N/A
 Efficacy: 79.6 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 166.1
 Input Voltage (V): 120
 Input Current (A_{in}): 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	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°	53496	53496	53496	53496
5°	56217	53510	39093	39322
10°	48341	46490	21374	20872
15°	47005	44684	13885	10463
20°	54180	51915	7440	3719
25°	68123	63721	4821	2893
30°	81821	76249	3904	2369
35°	96893	90909	3201	1901
40°	116901	110057	2827	1439
45°	133093	127290	2633	967
50°	149308	143515	2601	591
55°	168848	168251	2584	265
60°	208359	213298	2355	75
65°	232486	256400	2157	0
70°	237060	289381	1998	0
75°	192892	213445	1909	0
80°	140252	89267	1971	0
85°	90675	37495	2618	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	377.6	2.9
10°-20°	740.4	5.6
20°-30°	1024.6	7.8
30°-40°	1448.0	11.0
40°-50°	1971.4	14.9
50°-60°	2611.0	19.8
60°-70°	3031.6	22.9
70°-80°	1716.8	13.0
80°-90°	296.6	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°	2142.5	16.2
0°-40°	3590.5	27.2
0°-60°	8173.0	61.8
0°-90°	13218.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	13218.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4970	4970	4970	4970	4970	
5°	5203	4952	3618	3639	5203	467
15°	4218	4010	1246	939	4218	1237
25°	5736	5365	406	244	5736	2675
35°	7374	6918	244	145	7374	4648
45°	8743	8362	173	64	8743	6778
55°	8997	8966	138	14	8997	8152
65°	9128	10067	85	0	9128	8898
75°	4638	5132	46	0	4638	5062
85°	734	304	21	0	734	882
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°	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9
2.5°	5164.0	5273.5	5277.0	5326.4	5375.8	5375.8	5492.3	5464.1	5361.7	5344.1	5269.9
5°	5202.9	5241.7	5269.9	5520.5	5732.3	5711.2	5774.7	5732.3	5534.7	5280.5	5107.6
7.5°	4867.5	4909.9	5022.8	5449.9	5735.9	5831.2	5951.2	5686.4	5478.2	5019.3	4687.5
10°	4422.8	4504.0	4712.2	5199.3	5552.3	5855.9	5855.9	5644.1	5241.7	4793.4	4387.5
12.5°	4175.7	4338.1	4451.0	4945.2	5404.1	5612.3	5605.3	5492.3	5231.1	4666.3	4207.5
15°	4218.1	4263.9	4504.0	4888.7	5192.3	5181.7	5308.8	5273.5	5089.9	4779.3	4274.5
17.5°	4412.2	4482.8	4691.0	4888.7	5033.4	4991.1	4987.5	5157.0	5167.6	4969.9	4525.2
20°	4729.9	4938.1	5037.0	5097.0	4920.5	4740.5	4719.3	4955.8	5139.3	5213.5	4825.2
22.5°	5238.2	5375.8	5577.0	5269.9	4811.1	4585.2	4542.8	4804.0	5174.6	5502.9	5213.5
25°	5735.9	5841.8	6035.9	5640.6	4934.6	4553.4	4479.3	4705.2	5308.8	5905.3	5682.9
27.5°	6261.8	6353.6	6374.7	5912.3	5001.7	4489.9	4401.6	4705.2	5421.7	6117.1	6244.1
30°	6583.0	6692.4	6713.6	6152.4	5111.1	4542.8	4500.4	4726.3	5499.4	6297.1	6646.5
32.5°	6943.0	6971.3	6953.6	6194.7	5231.1	4698.1	4521.6	4867.5	5587.6	6512.4	7013.6
35°	7373.7	7423.1	7243.1	6388.9	5499.4	4796.9	4733.4	5040.5	5739.4	6611.2	7458.4
37.5°	7701.9	7857.2	7451.3	6463.0	5552.3	5005.2	5015.8	5400.5	5845.3	6731.3	7949.0
40°	8319.6	8058.4	7804.3	6717.1	5753.5	5358.2	5301.7	5771.2	6201.8	6808.9	8270.2
42.5°	8658.5	8520.8	7942.0	6741.8	6064.1	5845.3	5859.4	6191.2	6388.9	7027.8	8358.5
45°	8743.2	8598.5	8129.0	6759.5	6371.2	6420.6	6664.2	6727.7	6664.2	7172.5	8524.4
47.5°	8958.5	8644.4	8107.9	6996.0	6868.9	7059.5	7370.1	7507.8	7038.3	7119.5	8602.0
50°	8916.2	8736.2	8062.0	7094.8	7476.0	7980.8	8189.0	8132.6	7454.9	7010.1	8517.3
52.5°	8739.7	8545.5	8203.2	7363.1	8044.3	8655.0	8944.4	8803.2	7825.5	7257.2	8460.8
55°	8997.4	8849.1	8386.7	7726.6	8471.4	9248.0	9452.7	9346.8	8280.8	7486.6	8782.0
57.5°	9276.2	9244.4	8884.4	8153.7	8976.2	9858.6	9858.6	9728.0	8676.1	7818.4	9258.6
60°	9678.6	9749.2	9251.5	8436.1	9149.1	9823.3	10335.1	10183.4	9075.0	8400.8	9798.6
62.5°	9548.0	9773.9	9724.5	9043.2	9346.8	9996.3	10275.1	10388.1	9569.2	9110.3	10518.7
65°	9128.0	9368.0	9721.0	9442.1	9198.6	9576.2	9717.4	10059.8	9816.3	9777.4	10815.2
67.5°	8626.7	8887.9	9106.8	9710.4	8898.5	9149.1	9025.6	9135.0	9548.0	10508.1	10984.6
70°	7532.5	7783.1	8129.0	9113.8	8104.3	7878.4	7846.7	7793.7	8436.1	10246.9	10215.1
72.5°	6194.7	6311.2	6883.0	7409.0	5997.1	5954.7	6004.1	5944.1	6688.9	9276.2	8750.3
75°	4638.1	4754.6	5079.3	5690.0	4083.9	3840.4	4122.8	4401.6	5107.6	7200.7	6286.5
77.5°	3487.4	3635.7	3840.4	4256.9	2996.8	2615.6	2654.4	2919.1	3692.1	5767.6	3522.7
80°	2262.6	2244.9	2640.3	2929.7	2255.5	2326.1	2227.3	2421.4	2675.6	3085.0	1800.2
82.5°	1306.0	1323.7	1489.6	1680.2	1570.7	1796.6	1295.4	2163.7	1909.6	1256.6	670.7
85°	734.2	766.0	917.7	1164.8	984.8	660.1	540.1	1073.0	1200.1	515.3	324.7
87.5°	74.1	63.5	123.5	441.2	268.3	109.4	162.4	257.7	289.4	194.1	95.3
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°	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9
2.5°	5164.0	5164.0	5075.8	4927.5	4867.5	4761.6	4616.9	4662.8	4613.4	4433.4	4387.5
5°	4952.3	4782.8	4599.3	4373.4	4242.8	3974.5	3889.8	3738.0	3762.7	3610.9	3618.0
7.5°	4511.0	4376.9	4066.3	3769.8	3512.1	3279.1	2950.9	2827.3	2707.3	2647.3	2717.9
10°	4253.4	4002.7	3579.2	3190.9	2848.5	2640.3	2421.4	2252.0	2096.7	1980.2	1955.5
12.5°	4066.3	3843.9	3332.1	2859.1	2590.8	2421.4	2220.2	1987.3	1835.5	1634.3	1574.3
15°	4009.8	3738.0	3198.0	2728.5	2467.3	2188.5	1959.0	1729.6	1531.9	1320.1	1246.0
17.5°	4203.9	3889.8	3194.4	2622.6	2255.5	1955.5	1637.8	1380.1	1178.9	984.8	938.9
20°	4532.2	4052.2	3296.8	2559.1	2054.3	1651.9	1291.9	1034.2	808.3	681.2	649.5
22.5°	4906.4	4327.5	3307.4	2389.6	1853.1	1348.4	942.4	681.2	554.2	494.2	476.5
25°	5365.2	4768.7	3434.5	2252.0	1616.6	1023.6	670.7	522.4	448.3	413.0	405.9
27.5°	5742.9	5075.8	3572.1	2107.3	1383.7	758.9	525.9	427.1	388.3	353.0	349.4
30°	6134.7	5428.8	3610.9	2019.0	1182.5	624.8	451.8	377.7	335.3	317.7	314.1
32.5°	6477.1	5813.5	3734.5	1874.3	991.9	550.6	409.5	338.9	310.6	282.4	278.9
35°	6918.3	6035.9	3794.5	1796.6	921.3	497.7	374.2	310.6	268.3	250.6	243.6
37.5°	7391.3	6251.2	3833.3	1736.6	861.3	465.9	353.0	293.0	254.1	229.4	222.4
40°	7832.5	6554.8	3776.8	1662.5	815.4	427.1	338.9	271.8	236.5	211.8	201.2
42.5°	8171.4	6851.3	3759.2	1591.9	766.0	413.0	321.2	261.2	222.4	194.1	190.6
45°	8362.0	7052.5	3635.7	1535.4	727.1	420.0	314.1	247.1	211.8	187.1	173.0
47.5°	8316.1	7207.8	3667.4	1517.8	674.2	391.8	310.6	236.5	194.1	173.0	162.4
50°	8570.3	7521.9	3614.5	1461.3	635.4	353.0	338.9	236.5	190.6	165.9	155.3
52.5°	8612.6	7807.8	3727.4	1359.0	575.4	324.7	335.3	233.0	183.5	158.8	144.7
55°	8965.6	8139.6	3946.3	1302.5	525.9	282.4	307.1	225.9	165.9	144.7	137.7
57.5°	9445.6	8827.9	4087.5	1249.5	458.9	247.1	257.7	222.4	151.8	134.1	123.5
60°	9908.0	9103.2	4098.1	1154.2	395.3	222.4	201.2	222.4	141.2	120.0	109.4
62.5°	10254.0	9103.2	4027.5	1073.0	345.9	197.7	176.5	211.8	127.1	105.9	98.8
65°	10066.9	8859.7	3843.9	1006.0	314.1	173.0	151.8	162.4	113.0	91.8	84.7
67.5°	9731.5	8100.8	3438.0	924.8	310.6	151.8	130.6	120.0	98.8	81.2	74.1
70°	9195.0	7077.2	2862.6	833.0	303.6	137.7	116.5	102.4	88.2	70.6	63.5
72.5°	7409.0	5845.3	2350.8	780.1	296.5	120.0	98.8	88.2	74.1	60.0	52.9
75°	5132.3	3734.5	1810.8	667.1	289.4	109.4	91.8	77.7	63.5	49.4	45.9
77.5°	3078.0	2495.5	1168.4	501.2	190.6	88.2	77.7	60.0	52.9	42.4	38.8
80°	1440.1	1178.9	473.0	194.1	91.8	63.5	52.9	45.9	42.4	35.3	31.8
82.5°	564.8	497.7	229.4	113.0	74.1	49.4	42.4	38.8	35.3	28.2	24.7
85°	303.6	268.3	109.4	77.7	52.9	35.3	35.3	31.8	28.2	24.7	21.2
87.5°	67.1	49.4	45.9	45.9	38.8	28.2	28.2	24.7	21.2	17.6	14.1
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°	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9
2.5°	4362.8	4415.7	4331.0	4384.0	4309.8	4366.3	4373.4	4320.4	4334.5	4405.1	4436.9
5°	3716.8	3681.5	3603.9	3579.2	3582.7	3536.8	3554.5	3579.2	3618.0	3639.2	3702.7
7.5°	2679.1	2760.3	2756.7	2816.7	2820.3	2813.2	2763.8	2657.9	2693.2	2665.0	2700.3
10°	1916.7	1952.0	2019.0	2057.8	2128.4	2089.6	1976.7	1934.3	1913.1	1909.6	1944.9
12.5°	1531.9	1447.2	1440.1	1454.3	1489.6	1443.7	1387.2	1337.8	1362.5	1411.9	1450.7
15°	1186.0	1115.4	1023.6	1009.5	1016.6	995.4	935.4	871.9	889.5	938.9	967.2
17.5°	910.7	829.5	766.0	723.6	709.5	635.4	547.1	494.2	480.0	476.5	501.2
20°	614.2	600.1	589.5	536.5	536.5	430.6	356.5	317.7	317.7	324.7	328.3
22.5°	458.9	441.2	444.7	434.2	405.9	321.2	282.4	271.8	271.8	278.9	278.9
25°	398.9	374.2	367.1	363.6	335.3	275.3	247.1	236.5	236.5	243.6	243.6
27.5°	338.9	331.8	321.2	307.1	282.4	236.5	218.8	208.3	211.8	215.3	211.8
30°	310.6	293.0	278.9	278.9	250.6	211.8	197.7	190.6	183.5	190.6	194.1
32.5°	275.3	264.7	257.7	247.1	215.3	187.1	173.0	165.9	162.4	162.4	165.9
35°	236.5	236.5	229.4	215.3	187.1	169.4	151.8	144.7	141.2	144.7	144.7
37.5°	211.8	201.2	204.7	190.6	165.9	148.2	130.6	123.5	123.5	120.0	123.5
40°	197.7	180.0	169.4	162.4	148.2	127.1	113.0	105.9	102.4	102.4	102.4
42.5°	176.5	162.4	141.2	137.7	134.1	109.4	91.8	88.2	84.7	81.2	81.2
45°	165.9	144.7	127.1	109.4	109.4	91.8	77.7	70.6	67.1	63.5	67.1
47.5°	151.8	130.6	109.4	91.8	88.2	74.1	60.0	52.9	49.4	49.4	49.4
50°	144.7	116.5	95.3	77.7	67.1	60.0	45.9	38.8	35.3	35.3	35.3
52.5°	134.1	109.4	84.7	67.1	52.9	45.9	35.3	28.2	24.7	24.7	24.7
55°	120.0	98.8	74.1	56.5	45.9	35.3	24.7	17.6	14.1	14.1	14.1
57.5°	113.0	88.2	63.5	49.4	35.3	24.7	14.1	10.6	10.6	7.1	10.6
60°	102.4	77.7	52.9	38.8	28.2	17.6	10.6	3.5	3.5	3.5	3.5
62.5°	88.2	67.1	45.9	31.8	21.2	10.6	3.5	0.0	0.0	0.0	0.0
65°	74.1	52.9	35.3	24.7	14.1	3.5	0.0	0.0	0.0	0.0	0.0
67.5°	63.5	45.9	28.2	17.6	10.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	56.5	38.8	21.2	14.1	3.5	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	45.9	31.8	17.6	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	38.8	24.7	10.6	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	31.8	17.6	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	24.7	14.1	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	21.2	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	14.1	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.6	3.5	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: P599618
 CATALOG NUMBER: IFLD-M-SA4B-830-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9	4969.9
2.5°	4482.8	4461.6	4567.5	4740.5	4828.7	5001.7	5044.0	5153.4	5125.2	5164.0
5°	3709.8	3752.1	3907.4	4161.6	4253.4	4504.0	4740.5	4977.0	5128.7	5202.9
7.5°	2753.2	2894.4	3085.0	3318.0	3554.5	3882.7	4285.1	4560.4	4708.7	4867.5
10°	2050.8	2202.6	2421.4	2650.8	3035.6	3402.7	3805.1	4147.5	4274.5	4422.8
12.5°	1613.1	1849.6	2103.7	2350.8	2580.3	2929.7	3427.4	3925.1	4062.8	4175.7
15°	1122.5	1411.9	1775.5	2096.7	2417.9	2721.4	3236.8	3840.4	4027.5	4218.1
17.5°	621.2	850.7	1267.2	1719.0	2192.0	2657.9	3300.3	3995.7	4278.1	4412.2
20°	360.0	451.8	748.3	1284.8	1909.6	2520.2	3332.1	4288.7	4662.8	4729.9
22.5°	296.5	328.3	423.6	804.8	1563.7	2432.0	3494.5	4698.1	5079.3	5238.2
25°	254.1	278.9	328.3	483.6	1182.5	2244.9	3596.8	5209.9	5562.9	5735.9
27.5°	225.9	250.6	289.4	356.5	804.8	1987.3	3766.3	5672.3	6025.3	6261.8
30°	197.7	218.8	257.7	303.6	557.7	1697.8	3911.0	6011.2	6508.9	6583.0
32.5°	176.5	194.1	222.4	261.2	413.0	1288.4	4027.5	6360.6	6780.7	6943.0
35°	151.8	173.0	190.6	222.4	314.1	970.7	3956.9	6632.4	7179.5	7373.7
37.5°	134.1	148.2	165.9	187.1	264.7	758.9	3812.1	6957.2	7521.9	7701.9
40°	113.0	123.5	144.7	165.9	240.0	585.9	3646.2	7349.0	8002.0	8319.6
42.5°	95.3	105.9	120.0	155.3	197.7	434.2	3310.9	7652.5	8390.2	8658.5
45°	74.1	88.2	109.4	155.3	158.8	321.2	2965.0	7878.4	8609.1	8743.2
47.5°	56.5	70.6	105.9	134.1	127.1	222.4	2555.5	8136.1	8835.0	8958.5
50°	42.4	56.5	120.0	116.5	105.9	169.4	2297.9	8316.1	8849.1	8916.2
52.5°	28.2	42.4	98.8	88.2	88.2	148.2	2227.3	8309.1	8884.4	8739.7
55°	21.2	31.8	56.5	63.5	77.7	130.6	2163.7	8573.8	8895.0	8997.4
57.5°	14.1	24.7	38.8	49.4	67.1	113.0	2033.1	8891.5	9223.3	9276.2
60°	7.1	17.6	28.2	38.8	56.5	98.8	1849.6	9124.4	9622.1	9678.6
62.5°	3.5	10.6	21.2	31.8	45.9	77.7	1659.0	8753.8	9449.2	9548.0
65°	0.0	7.1	14.1	21.2	28.2	56.5	1348.4	7903.1	8764.4	9128.0
67.5°	0.0	0.0	7.1	14.1	17.6	42.4	1016.6	7190.1	8132.6	8626.7
70°	0.0	0.0	3.5	3.5	10.6	31.8	649.5	5954.7	7260.7	7532.5
72.5°	0.0	0.0	0.0	0.0	3.5	21.2	377.7	4422.8	5690.0	6194.7
75°	0.0	0.0	0.0	0.0	0.0	17.6	190.6	2845.0	3960.4	4638.1
77.5°	0.0	0.0	0.0	0.0	0.0	14.1	102.4	1835.5	2919.1	3487.4
80°	0.0	0.0	0.0	0.0	0.0	3.5	60.0	1066.0	1867.2	2262.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	24.7	522.4	1115.4	1306.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	7.1	278.9	557.7	734.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	38.8	74.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)